



UCF

UNIVERSITY OF CENTRAL FLORIDA

UNDERGRADUATE CATALOG

2019-2020





2019-2020

UNDERGRADUATE CATALOG

**University of
Central Florida**
4000 Central Florida
Boulevard
Orlando, FL 32816
<http://www.ucf.edu>
407-823-2000

UCF Downtown
500 West Livingston
Street
Orlando, FL 32801
<https://www.ucf.edu/downtown/>
407-823-2000

**UCF Health Sciences
Campus at Lake
Nona**
6850 Lake Nona
Boulevard
Orlando, FL 32827
<https://med.ucf.edu>
407-266-1000

**UCF Rosen College
of Hospitality
Management**
9907 Universal
Boulevard
Orlando, FL 32819
<http://hospitality.ucf.edu>
407-903-8000

UCF Connect Centers

<https://connect.ucf.edu/>

**UCF Connect
Altamonte Springs
Center**
850 S. State Road
434, Suite A426
Altamonte Springs,
FL 32714
407-404-6089

**UCF Connect Cocoa
Center**
1519 Clearlake Road
Building 3
Cocoa, FL 32922
321-433-7821

**UCF Connect
Daytona Beach
Center**
1200 W. International
Speedway Blvd.
Daytona Beach, FL
32114
386-506-4021

**UCF Connect
Leesburg Center**
9501 U.S. Highway
441
Leesburg, FL 34788
352-536-2113

**UCF Connect Ocala
Center**
3001 S.W. College
Road
Ocala, FL 34474
352-854-2322, Ext.
1824

**UCF Connect Palm
Bay Center**
250 Community
College Parkway
Building 3
Palm Bay, FL 32909
321-433-7838

**UCF Connect
Sanford/Lake Mary
Center**
100 Weldon
Boulevard
Partnership Center
Sanford, FL 32773
407-708-2471

**UCF Connect South
Lake Center**
1250 North Hancock
Road
Clermont, FL 34711
352-536-2113

**UCF Connect
Valencia East
Center**
701 North
Econlockhatchee
Trail
Building 5, Rooms
230E & 230G
Orlando, FL 32825
407-582-2318

Valencia College
School of Public
Safety
8600 Valencia
College Lane
Orlando, FL 32825

**UCF Connect
Valencia Osceola
Center**
1800 Denn John Lane
Building 4
Kissimmee, FL 34744
321-682-4190

**UCF Connect
Valencia West
Center**
1800 South Kirkman
Road
Building 11, Room
104
Orlando, FL 32811
407-582-5500

Undergraduate Information

Undergraduate Admissions University of Central Florida P.O. Box 160111 Orlando, FL, 32816- 0111 http://admissions.ucf.edu 407-823-3000	Office of Student Financial Assistance University of Central Florida 4000 Central Florida Boulevard Millican Hall, Room 107 Orlando, FL 32816- 0113	http://finaid.ucf.edu 407-823-2827 Registrar's Office University of Central Florida PO Box 160114 Orlando, FL 32816- 0114 http://registrar.ucf.edu 407-823-3100	Housing and Residence Life University of Central Florida P.O. Box 163222 Orlando, FL 32816- 3222 http://www.housing.ucf.edu 407-823-4663
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Mission Statement and UCF Creed

Mission Statement

The University of Central Florida is a public multi-campus, metropolitan research university, dedicated to serving its surrounding communities with their diverse and expanding populations, technological corridors, and international partners. The mission of the university is to offer high-quality undergraduate and graduate education, student development, and continuing education; to conduct research and creative activities; and to provide services that enhance the intellectual, cultural, environmental, and economic development of the metropolitan region, address national and international issues in key areas, establish UCF as a major presence, and contribute to 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

Office of the President
P.O. Box 160002
Orlando, FL 32816-0002

Welcome to the University of Central Florida!

This is an exciting time for Knight Nation, and we are so glad you've chosen to be a part of it. UCF is an institution on the rise — increasingly becoming known for excellence in our classrooms, laboratories and studios, and on the field and court.

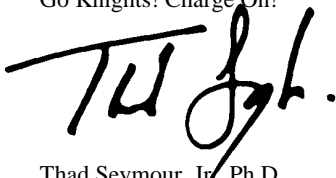
This success means more opportunities for our students while you're here and after you graduate. We hope you take advantage of the university's many offerings to help you make the most of your time at UCF and to help prepare you for meaningful careers where you can make a difference.

As one of the most innovative universities in the country, we take a different approach to teaching and learning. We look to increase accessibility, offer more options and have a greater impact — this includes studying how and where you learn best, so we can meet you there and help you excel.

These opportunities include more than 200 high-quality degree programs with courses in a variety of modalities to accommodate your schedule and preference. Plus, undergraduate research, experiential and service learning, and 500+ registered student organizations to help you discover your passion and find your perfect fit.

We're here for you every step of the way, with multiple resources on campus to help you along your path. We all wish you the best for an enjoyable and successful college career.

Go Knights! Charge On!

A handwritten signature in black ink, appearing to read "Thad Seymour, Jr.", with a stylized flourish at the end.

Thad Seymour, Jr., Ph.D.
Interim President

University Administration

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Vice President, Research	
and Dean, College of Graduate Studies	Elizabeth Klonoff

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CEO, UCF Foundation, Inc. Mike Morsberger

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Interim Chief Compliance and
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Interim Vice President,
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Administration

Office of the President

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and Vice President, Partnerships
and Chief Innovation Officer Thad Seymour,
Jr.

Executive Assistant to the President Lindsey La
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Chief of Staff

and Vice President,
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Deputy Chief of Staff, Strategic
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Interim Chief Compliance and
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Office of the Provost and Executive Vice President for Academic Affairs

Provost and Vice President,
Academic Affairs Elizabeth A.
Dooley

Vice President, Student
Development

and Enrollment Services Maribeth Ehasz

Vice President, Health Affairs

and Dean, College of Medicine Deborah C.
German

Vice President, Information
Technologies and Resources

and Chief Information Officer Joel Hartman

Vice President, Research

and Dean, College of Graduate
Studies Elizabeth Klonoff

Interim Vice Provost, Teaching and
Learning

and Interim Dean, College of
Undergraduate Studies Melody Bowdon

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Cavanagh

Vice Provost, UCF Connect and
UCF Global J. Jeffrey Jones

Vice Provost, Faculty Excellence Jana Jasinski

Associate Provost, Academic
Program Quality and Associate

Vice President, Institutional
Knowledge Management M. Paige Borden

Associate Vice President, Strategic
Initiatives,

Communications and Marketing Briant K.
Coleman

Associate Provost, Associate General Counsel	Sherry Andrews
Associate Provost, Strategy	Lisa Guion Jones

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Vice President, Student Development and Enrollment Services	Maribeth Ehasz
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Associate Vice President, Student Engagement and Leadership Development	Kerry Welch
Assistant Vice President, Learning Support Services	Mark Gumble
Assistant Vice President, Community Support	Belinda H. Hyppolite
Assistant Vice President, Budgets and Personnel	David Pavlonnis
Assistant Vice President, Operations	Richard Payne
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Executive Director, Florida Consortium for Metropolitan Research Universities	Michael Preston
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Executive Director, Recreation and Wellness Center	James Wilkening
Executive Director, Student Accessibility Services	Adam Meyer
Executive Director, TRiO Programs	Rebekah McCloud

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Associate Vice President, Advancement, Colleges and Units	Jeffrey Coates
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Associate Vice President, Advancement Strategy and Chief of Staff	Rachel Schaefer
Assistant Vice President, Annual Giving and Philanthropic Engagement	Heather Junod

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Vice President, Government Relations	Janet D. Owen
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and Chief Operating Officer Misty Shepherd

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Director, Quality Management and Improvement Katherine Gay

Director, Environmental Health and Safety Renee Michel

Director, Facilities Operations Duane Siemen

Director, Facilities Planning and Construction Bill Martin

Director, Landscape and Natural Resources Patrick Bohlen

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Executive Director, Human Resources Shelia Daniels

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Director, Business Services Kevin Sowers

Director, Parking and Transportation Services Kris Singh

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Associate Provost for Budget, Planning and Administration

and Associate Vice President for Finance TBA

Assistant Vice President, University Controller TBA

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Director, IT Financial Systems Becky Vilsack

Director, Budget Initiatives Lynn Gonzalez

Associate Vice President, Chief of Police Carl Metzger

Major, Administrative Bureau David Zambri

Major, Operations Bureau Christine Gigicos

Director, Emergency Management Jeffery Morgan

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Vice President for Research

and Dean of the College of Graduate Studies Elizabeth Klonoff

Associate Vice President, Research and Scholarship Debra Reinhart

Assistant Vice President, Research and Innovation Michael Macedonia

Assistant Vice President, Research Administration Dorothy Yates

Acting Senior Associate Dean, College of Graduate Studies	Winston Schoenfeld
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Associate Dean, College of Graduate Studies	Devon Jensen
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Associate Dean, College of Graduate Studies	Barbara Fritzsche
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Assistant Dean, College of Graduate Studies	Jennifer Parham
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Office of the Vice Provost for UCF Connect

Vice Provost, UCF Connect	J. Jeffrey Jones
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Associate Vice Provost, UCF Connect,	
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Academic and Student Initiatives	Pam Cavanaugh
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Assistant Vice Provost, UCF Valencia West,	
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Osceola, and East	Kimberly Hardy
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Associate Vice President, UCF Sanford/Lake Mary	David J. Mealor
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Assistant Vice President, UCF Daytona	Linda Bradley
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Regional Director, UCF South Lake, Ocala and Leesburg	Tanya Armstrong
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Regional Director, UCF Cocoa and Palm Bay	Lauren Miller
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Interim Director, Continuing Education	Sean Armstrong
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Director, Academic Support Services	Deborah Bradford
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Director, Academic Support Services	Angelia Smith
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Director, Communications and Marketing	Martin Malpica
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Director, UCF Online Connect Center	Jennifer Sumner
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Office of the Vice Provost for the Division of Teaching and Learning and Dean of the College of Undergraduate Studies

Interim Vice Provost and Interim Dean, Associate Vice Provost and Associate Dean	Melody A. Bowdon
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Associate Vice Provost and Associate Dean	Keisha Hoerrner
--	-----------------

Assistant Dean and Director, Undergraduate Research	Kimberly Schneider
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Assistant Dean, Academic Planning	Harrison Oonge
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Assistant Vice President,	
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Operational Excellence and Assessment Support	Patrice Lancey
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Director, Interdisciplinary Studies	Wayne Bowen
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Director, Academic Advancement Programs	Michael Aldarondo- Jeffries
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Director, EXCEL Program	Melissa Dagley
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Director, Experiential Learning	Jason Jude Smith
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Director Pre-Health and Pre-Law Advising	Erin Myszkowski
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Director, Quality Enhancement Plan	Anna Maria Jones
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Interim Director, UCF Abroad	Wayne Bowen
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Executive Director, Communications	Barbara Smith
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Colleges, Schools, and Departments

Burnett Honors College

Dean	Sheila Amin Gutierrez de Pineres
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Associate Dean	Martin Dupuis
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Director, Academic Advising	Rex Roberts
Director, Budget and Personnel	Lesanne Brunswick
Director, Honors Research	Padmini Coopamah Waldron
Director, Information Systems	Michael T. Callahan
Director, Prestigious Awards	Morgan Bauer
Director, Student Services	Madi Dogariu

College of Arts and Humanities

Dean	Jeffrey Moore
Executive Associate Dean	Lyman Brodie
Associate Dean	Lynn Hepner
Associate Dean	Nancy Stanlick
Assistant Dean	Cathy Radzai
Assistant to the Dean	Paul Lartonoix
Director, Nicholson School of Communication and Media	Robert Littlefield
Director, School of Performing Arts	Michael Wainstein
Director, School of Visual Arts and Design	Rudy McDaniel
Chair, English	Trey Philpotts
Chair, History	Peter Larson
Chair, Modern Languages and Literatures	Geri Smith
Chair, Philosophy	Michael Strawser
Chair, Writing and Rhetoric	Stephanie Vie

College of Business Administration

Dean	Paul Jarley
Associate Dean	Foard Jones
Associate Dean	Sevil Sonmez
Assistant Dean	Darrell Johnson

MBA Director	Darrell Johnson
Director, Sport Business Management	Richard Lapchick
Director, Kenneth G. Dixon School of Accounting	Greg Trompeter
Chair and Director, Finance and Dr. P. Phillips School of Real Estate	Ajai Singh
Chair, Economics	Michael Caputo
Chair, Management	Ron Piccolo
Chair, Marketing	Pradeep Bhardwaj
Chair, Integrated Business	Jim Gilkeson

College of Community Innovation and Education

Dean	Pamela S. Carroll
Associate Dean, Academic Affairs	Jesse Perez "JP" Mendez
Associate Dean, Research	Dave Edyburn
Assistant Dean, Administrative and Financial Affairs	Allison Jefferson
Chair, Child, Family, and Community Sciences	Glenn Lambie
Chair, Educational and Human Sciences	Jeffrey R. Stout
Director, School of Teaching, Learning and Leadership	Michael Hynes
Director, Clinical Experiences	Kelly Jennings-Towle
Director, Undergraduate Affairs	Andrea Small

College of Engineering and Computer Science

Dean	Michael Georgiopoulos
Associate Dean, Academic Affairs and	
Director, College Honors Programs	Charles Reilly
Interim Associate Dean, Graduate Affairs	Ali Gordon
Associate Dean, Research and Administration	Ranganathan Kumar
Director, Academic Affairs	Kim A. Small
Interim Director, Diversity and Inclusion	LeeAnn Roberts
Chair, Civil, Environmental, and Construction Engineering	Mohamed Abdel-Aty
Chair, Computer Science	Gary T. Leavens
Chair, Electrical and Computer Engineering	Zhihua Qu
Chair, Industrial Engineering and Management Systems	Waldemar Karwowski
Chair, Materials Science and Engineering	Sudipta Seal
Chair, Mechanical and Aerospace Engineering	Yoav Peles
Chair, Air Force ROTC (Aerospace Studies)	Colonel Paul Bellione
Chair, Army ROTC (Military Science)	LTC Christopher DeRuyter

College of Health Professions and Sciences

Interim Dean	Jeffrey Stout
Interim Assistant Dean, Undergraduate Affairs	Denise Gammonley

Interim Assistant Dean, Faculty Excellence and Graduate and Global Affairs	Linda Rosa-Lugo
Interim Associate Dean, Research	Jennifer Kent-Walsh
Interim Associate Dean, Clinical Affairs	Bari Hoffman Ruddy
Interim Chair, Health Sciences	Suha Saleh
Interim Director, School of Kinesiology and Physical Therapy	Patrick Pabian
Interim Director, School of Social Work	Ana Leon
Director, School of Communication Sciences and Disorders	Richard Zraick
Director, Office of Undergraduate Affairs	Andrea Small

College of Medicine

Vice President for Medical Affairs and	
Dean, College of Medicine	Deborah C. German
Interim Vice Dean and	
Associate Dean, Faculty and Academic Affairs	Richard Peppler
Associate Dean, Clinical Affairs	Marcia Katz
Associate Dean, Graduate Medical Education	Diane Davey
Associate Dean, Students	Marcy Verduin
Assistant Dean, Clinical Skills and Simulation	Analia Castiglioni
Interim Assistant Dean, Diversity and Inclusion	Saleh Rahman
Assistant Dean, Finance and Accounting	Steve Omli

Assistant Dean, Medical Education Jonathan Kibble

Assistant Dean, Medical Education Martin Klapheke

Assistant Dean, Planning and Knowledge Management Basma Selim

Assistant Dean, Student Affairs Heather Fagan

Assistant Dean, Student Affairs Sergio Salazar

Director, Burnett School of Biomedical Sciences

and Interim Associate Dean, Research Griffith Parks

Associate Director, Undergraduate Affairs (Burnett School) William Self

Associate Director, Graduate Affairs (Burnett School) Saleh Naser

Director, Medical Laboratory Sciences Program Dorilyn Hitchcock

Director, Student Services and Advisement (OSSA) Amanda Colee

Chair, Clinical Sciences Jane Gibson

Chair, Internal Medicine and

Assistant Dean, Research Edward Ross

Chair, Medical Education Juan Cendan

College of Nursing

Dean Mary Lou Sole

Chair, Nursing Practice Maureen M. Covelli

Chair, Nursing Systems Joellen Edwards

Associate Dean, Research Donna Neff

Associate Dean, Academic Excellence Norma Conner

Assistant Dean, Students Jessica Simmons

College of Optics and Photonics

Dean and Director Bahaa Saleh

Associate Dean, Academic Affairs David J. Hagan

Associate Director, Academic Programs

Mike McKee

College of Sciences

Dean Michael Johnson

Associate Dean Teresa Dorman

Associate Dean Tosha Dupras

Associate Dean Enrique del Barco

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Executive Director, Lou Frey Institute L. Douglas Dobson

Director, National Center for Forensic Science Michael Sigman

Director, Prince Md Bin Fahd Program

for Strategic Research and Studies David Dumke

Director, College of Sciences Advising Services (COSAS) Lee Anne Kirkpatrick

Director, UCF Arboretum Patrick Bohlen

Director, UCF RESTORES Deborah Beidel

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Interim Chair, Anthropology John Schultz

Director, School of Politics, Security, and International Affairs Kerstin Hamann

Chair, Biology Graham Worthy

Chair, Chemistry Cherie Yestrebsky

Chair, Mathematics Xin Li

Chair, Physics Eduardo Mucciolo

Chair, Psychology Florian Jentsch

Chair, Sociology Elizabeth Mustaine

Chair, Statistics and Data Science Shunpu Zhang

Rosen College of Hospitality Management

Assistant Dean

Manuel Rivera

Dean

Youcheng Wang

Associate Dean

Robertico Croes

University Notices

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 Advising Guide* and the *Undergraduate Catalog*. The *Undergraduate Catalog* is published online once a year and cannot always reflect new and modified regulations. Statements in the *Undergraduate Advising Guide* and 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 Advising Guide* and the *Undergraduate Catalog*. Additional information or clarification of any policy or procedure may be obtained from the specified office.

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 (or non-religion), age, genetic information, sex (including pregnancy and parental status), gender identity or expression, 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, 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. 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: 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. 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 violence) and related policies can be found at <https://letsbeclear.ucf.edu/>.

Employees, students, contractors, vendors, visitors, guests or third parties may obtain further information on this policy, 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, including the University's response to reports of sex discrimination. For more information about OIE, please visit OIE's website at <http://www.oie.ucf.edu/> or call 407-UCF-1EEO.

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.

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 "Alcoholic Beverages on Campus" 3-115.1 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: <http://www.goldenrule.sdes.ucf.edu>.

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*.

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 <https://cstore.ucf.edu/product-category/shop-by-major/>.

Undeclared Policy

All students at the University of Central Florida are expected to officially declare a major prior to earning 45 college credit hours (including credits earned from CLEP, Dual Enrollment, AP, and/or IB). An administrative hold to prevent future university registration will be placed on the records of all students who have not declared a major. Students must meet with an academic advisor (within Student Development and Enrollment Services, the Colleges, or Regional Campuses) to have the hold released.

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 <http://www.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 <https://my.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 Catalog and *The Golden Rule*.

Accreditation

The University of Central Florida, a member institution of Florida's State University System, was formerly named Florida Technological University. The name was changed by action of the Florida Legislature on December 6, 1978.

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. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Central Florida.

Please note the commission's expectation that contact occur only if there is evidence to support significant non-compliance with a requirement or standard. For other information about UCF's SACSCOC accreditation, please contact the university's SACSCOC liaison in UCF's Office of Academic Affairs.

College/Discipline Accrediting Body Arts and Humanities

Music, Music Education National Association of Schools of Music (NASM),

11250 Roger Bacon Drive, Suite 21,

Reston, Virginia 20190-5248

Theater, Theater Studies National Association of Schools of Theatre (NAST),

11251 Roger Bacon Drive, Suite 21,

Reston, Virginia 20190-5248

Business Administration

(all disciplines) The Association to Advance Collegiate Schools of Business (AACSB International),

777 South Harbour Island Blvd., Suite 750,

Tampa, FL 33602-5730

Community Innovation and Education

(all programs leading to initial teacher certification) State Approval by the Florida Department of Education

Health Informatics and Information Management Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM),

233 N. Michigan Avenue, 21st Floor,

Chicago, IL 60601-5800

Health Services Administration Association of University Programs in Health Administration (AUPHA),

1730 M St, NW, Suite 407,

Washington DC 20036

Engineering and Computer Science

Aerospace, Civil, Accredited by the Engineering Computer, Construction, Accreditation Commission of Electrical, ABET,
Environmental, <http://www.abet.org>
Industrial, Mechanical Engineering

Computer Science, Accredited by the Computing Information Technology Accreditation Commission of ABET,

<http://www.abet.org>

Health Professions and Sciences

Athletic Training Commission on Accreditation of Athletic Training Education (CAATE),

6850 Austin Center Boulevard, Suite 100,

Austin, TX 78731-3184

Social Work Council on Social Work Education (CSWE),

1701 Duke Street, Suite 200,

Alexandria, VA 22314-3457

**College of Medicine - Burnett School of
Biomedical Sciences**

Medical Laboratory Sciences National Accrediting Agency for
Clinical Laboratory Sciences
(NAACLS),

5600 N. River Road, Suite 720,
Rosemont, IL 60018-5119

Nursing

Nursing Florida Board of Nursing,

4042 Bald Cypress Way, Room
120,

Tallahassee, FL 32399

Commission on Collegiate
Nursing Education (CCNE),

One Dupont Circle, NW Suite
530,

Washington, DC 20036

**Optics and
Photonics**

Photonic Science and Engineering Accredited by the Engineering
Accreditation Commission of
ABET,

<http://www.abet.org>

Sciences

Chemistry American Chemical Society
(ACS) Committee on Professional
Training,

1155 Sixteenth Street, NW,

Washington, DC 20036

Forensic Science Forensic Science Education
Programs Accreditation
Commission (FEPAC)

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.

University Campuses and Resources

The University

407-823-2000

<http://www.ucf.edu>

The University of Central Florida is one of the nation's largest universities with more than 68,000 students and is located in one of the most dynamic communities in the nation—the Orlando metropolis. 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 administration, 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.

Outstanding Students: UCF attracts many of the nation's best and brightest students. The fall freshman class for the 2018-19 academic year posted an average SAT score of 1328—compared to the national average score of 1060—and a high school GPA of 4.12. UCF enrolled a school-record 324 National Merit Scholars in Fall 2018. We confer more than 15,000 degrees annually, leading all other universities in Florida. Minority enrollment has reached an all-time high of 47.2 percent, and one of four of UCF students is the first in their family to attend college.

Attractive Amenities: The 45,000-seat Spectrum Stadium and the 10,000-seat Addition Financial Arena opened in 2007 on the north side of UCF's 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 will open in Fall 2019. This innovative campus will bring 7,700 students downtown for learning and internship opportunities that will be unique among state universities in Florida. UCF ranks among the nation's 10 most innovative universities, according to U.S. News & World Report, with 27 programs among the top 100 in their fields nationally. The Bill and Melinda Gates Foundation cites UCF as an example of what the future of higher education should look like. In 2018, Bill Gates wrote that the university is succeeding by "reducing costs, boosting its graduate rate and expanding access for low-income and first-generation students." The Carnegie Foundation classifies UCF as a "highest research activity" institution, which is the foundation's top ranking.

UCF Online and Online Courses

855-903-8576

<https://www.ucf.edu/online>

UCF offers dozens of undergraduate majors, minors and certificates that can be completed entirely with online courses. These programs listed at <https://www.ucf.edu/online/majors/> are available to all students, and UCF Online provides an option for students who are interested in taking online courses exclusively. 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), 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 the corresponding campus-based services such as the Recreation and Wellness Center and Student Health Services. UCF Online students do have access to all academic and support services such as financial aid, advising, library services, and career services. UCF Online students also have the support of a dedicated staff of success coaches specifically trained and enabled to meet the needs of students without regular access to UCF's physical campuses. See <https://www.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 <http://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 <https://cdl.ucf.edu/support/student/>. Online courses are identified in the Class Schedule Search available at <http://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 (RV): In these courses, classroom-based content is available over the web via streaming video and classroom attendance is not required. Other required activities that substitute for video

instruction may include any of the following elements: web activity, in-person or proctored examinations, and labs. See course notes for details. Note: Some 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 percent of the instructional time over the course of the semester.

Personalized Adaptive Learning (PAL) 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

<https://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, or find parking. 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 and menus, and available technology resources. 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 <https://digitallearning.ucf.edu/msi/> or contact the program director at ucfmobile@ucf.edu.

UCF Connect

<https://www.connect.ucf.edu>

UCF Connect is a partnership-driven unit designed to strategically extend UCF's reach to communities in and beyond Central Florida, that provides access to quality continuing and higher education for students who, because of time, distance, preference, or life circumstance, might not otherwise have the opportunity to pursue educational opportunities.

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. UCF Success Coaches are available on each of the DirectConnect to UCF campuses.

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 <https://www.connect.ucf.edu/>.

For online programs visit <http://www.ucf.edu/online/>.

UCF Connect Administration

Vice Provost: J. Jeffrey Jones
12201 Research Parkway, Suite 101
Orlando, 32826; 407-823-4547

UCF Altamonte Springs

(In partnership with Seminole State College)

Associate Vice President: David Mealor
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)

Regional 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)

Assistant Vice President: Linda Bradley
1200 W. International Speedway Boulevard, 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)

Regional Director: Tanya Armstrong
9501 U.S. Highway 441, Leesburg, FL 34788
352-536-2113

UCF Ocala

(In partnership with College of Central Florida)

Regional Director: Tanya Armstrong
3001 S.W. College Road, Ocala, FL 34474
352-854-2322, ext. 1824

UCF Palm Bay

(In partnership with Eastern Florida State College)

Regional 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)

Associate Vice President: David Mealor
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:

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

Legal Studies (B.A., B.S.)

Psychology (B.S.)

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

Graduate Degree Programs

Clinical Psychology (M.A.)

UCF South Lake

(In partnership with Lake-Sumter State College)

Regional Director: Tanya Armstrong
1250 North Hancock Road, 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 North Econlockhatchee Trail, Orlando, FL 32825
Building 5, Room 231
407-582-2318

The following undergraduate degree programs offer occasional face-to-face courses at this location:
Criminal Justice (B.A., B.S.)

UCF Valencia Osceola

(In partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy
1800 Denn John Lane, Kissimmee, FL 34744
Building 4, Room 234
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.)

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

The following Undergraduate Degree Programs offer occasional face-to-face courses at this location:

Public Administration (B.A.)

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.)

Graduate Certificates in Police Leadership, Crime Analysis, Juvenile Justice Leadership, Corrections Leadership, Criminal Justice Executive

UCF Valencia West

(In partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy
1800 South Kirkman Road, Orlando, FL 32811
Building 11, Suite 104
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.

UCF Downtown

(In partnership with Valencia College)

500 W. Livingston Street
Orlando, FL
407-823-3573

<https://www.ucf.edu/downtown/>

UCF Downtown, in partnership with Valencia College, will

bring 7,700 students to live, learn and work in downtown Orlando, creating a game-changing campus in the heart of our great city. Opening in fall 2019, this transformational project will provide innovative education for high-demand fields that integrate with industry and place 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.

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. Philips 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
MH 247; 407-823-6440
<http://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, Orlando, FL 32816
Building #150
407-823-5555 or 911 for emergencies
<http://www.police.ucf.edu/>

The UCF Police Department (UCFPD) has a big job in keeping the campus safe.

Established in 1973, UCFPD currently employs more than 80 sworn law enforcement officers who provide police services on the main and regional campuses, as well as at several university-affiliated housing communities.

Officers patrol the UCF campus 24/7, and the department's communications center is also available around the clock via the non-emergency line, 407-823-5555, or by dialing 911 in an emergency. Blue light emergency phones are also

located throughout UCF's campuses and will connect directly to UCFPD dispatch when the button is pressed.

The mission of the department is to reduce crime and the fear of crime by providing a safe environment for students, faculty, staff, and visitors through the application of community policing.

UCFPD is an accredited, full-service police department with several specialty units, including K-9s, Investigations, and Community Partnerships.

Crime is a reality everywhere, including UCF. The police department has seven victim advocates on staff along with a "soft" interview room, where victims of crime speak with detectives and advocates after an incident. In addition to this room, UCFPD's therapy dog, Paisley, is used to make victims feel more comfortable speaking with officers and advocates after they have experienced a traumatic crime.

Victim Services provides free, comprehensive victim advocacy services to students, faculty, staff, and visitors who have been impacted by crime, violence or abuse. The office offers support, crisis intervention, options, information, referrals, practical assistance, and educational programs. The office and its certified victim advocates can be reached by phone, 407-823-1200, or by text, 407-823-6868, 24/7.

UCFPD offers several crime prevention programs for the community, including providing safe transportation after hours, self-defense classes for women, and free property registration.

To keep up with the growth of one of the largest university's in the nation, UCFPD is engaged in a robust recruiting effort, seeking top officers to join our law enforcement family. In the coming years, UCFPD is hoping to significantly grow, especially with the addition of UCF Downtown.

UCFPD will have 24/7 uniformed patrols with officers dedicated to the downtown campus and based at a sub-station on Amelia Street. UCF Downtown's safety and security infrastructure will mirror the main campus', with features such as security cameras, blue light phones and UCF Alert messages in emergencies.

The department also partners with the UCF Department of Emergency Management, which prepares the university by coordinating all activities necessary to prevent against, respond to, and recover from natural, technological, and human-caused threats and hazards.

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 the UCF Police Department, visit <http://www.police.ucf.edu/>.

Information Technologies and Resources

Vice President and CIO: Joel L. Hartman
MH 331D; 407-823-6778
<http://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, Computer Services & Telecommunications, Instructional Resources, the Center for Distributed Learning, and Space Planning, Analysis and Administration. The services and resources of each unit are described in the following sections.

University Libraries

Director of University Libraries: Barry B. Baker
LIB 512; 407-823-2564
<http://library.ucf.edu>

University Libraries offers a variety of information resources and services. An extensive resource collection includes 2 million volumes, 53,000 journal subscriptions, 3.3 million microforms and 65,000 media titles. The Libraries' electronic resources include 475 databases and 149,000 e-books.

The John C. Hitt Library on the main campus is open 105 hours per week. Operating hours are available at <http://library.ucf.edu> or by calling (407) 823-2756.

- Over 340 computer workstations are available for public use on all five floors.
- Laptop PCs can be checked out for use anywhere in the library.
- 100 iPads are available for a one-week checkout.
- Wireless technology enables patrons who have portable devices to connect to the Libraries'

electronic resources and to the Internet; wireless printing is also available.

- Twenty-eight group study rooms and one practice presentation room are available for students, and can be reserved in advance through <http://library.ucf.edu/StudyRooms/>.
- The John C. Hitt Library is a partial depository for United States and Florida government publications, U.S. Patents and Trademarks.

Infusion, the Libraries' cyber-cafe learning space, offers food and beverage items, 34 desktop PCs, comfortable seating areas, closed-captioned television, and a browsing collection for leisure reading.

The Knowledge Commons area offers seating for 479 students, access to 196 desktop PCs, collaborative group study areas, and rolling whiteboards.

- For help and advice in the use of resources and materials, the **Research and Information Desk**, <http://library.ucf.edu/about/departments/reference/>, located on the main floor, is open most library hours. Individual appointments can also be made for in-depth research consultations. These appointments provide student one-on-one time with a librarian - <http://library.ucf.edu/help/schedule-an-appointment/>.
- **Ask A Librarian** service answers questions submitted through chat, text, instant message, email or telephone at (407) 823-2562 or toll-free at (866) 271-7589 - <http://library.ucf.edu/ask/>.
- The Libraries supports the development of information literacy skills through the provision of **Information Literacy Modules**, <http://infolit.ucf.edu/>. The modules provide just-in-time instruction for students on topics such as citing resources, evaluating websites, and plagiarism.
- Librarians have also created **subject-specific research guides** to help students identify resources within their discipline. Students can also access instructional videos from the libraries' YouTube channel: <http://www.youtube.com/user/UCFLibraries>.
- Citation Management Programs are also available for FREE from the UCF Libraries. Workshops are offered each semester on how to use EndNote and RefWorks <http://library.ucf.edu/ScholarlyCommunication/CitationTools.php>.
- Another key service for Graduate Students is Interlibrary Loan and **Document Delivery**. 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, <http://library.ucf.edu/ILL>.

In collaboration with the University's Office of Student Accessibility Services, students are eligible for Document Delivery to their place of residence and may request assistance with retrieval of in-house materials by contacting the Circulation Desk. The John C. Hitt Library has several reading aid devices, including a workstation equipped with MAGic and JAWS software, and a Sorenson Videophone. More information is available at <http://library.ucf.edu/services/accessibility-services/>.

Primary source material from Special Collections and the University Archives supports the research, teaching, and service activities of the UCF community. These special materials include books, manuscripts, historic public records, ephemera, photographs, art, and more, <http://library.ucf.edu/SpecialCollections>.

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 <http://library.ucf.edu/Systems/DigitalInitiatives/DigitalCollections/>.

Branch Libraries

The Curriculum Materials Center (CMC) is located in the College of Community Innovation and Education Building. The CMC provides representative PK-12 curriculum materials for preview, review, analysis and circulation, as well as 26 desktop PCs. Although the CMC primarily serves education students and faculty, it is open to all campus faculty, staff, and students. For more information see the CMC web page at <http://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 <http://library.ucf.edu/Rosen> or call (407) 903-8100.

Regional Campus Libraries

Regional Campus libraries collections and services are available through partner libraries in Cocoa, Palm Bay, Ocala, Daytona Beach, South Lake, Sanford-Lake Mary, Leesburg, Osceola and West Orlando. The university partners with state colleges to provide complete information services. Two websites that are particularly helpful for Regional Campus needs are:

- <http://library.ucf.edu/about/libraries/>
- <http://library.ucf.edu/my-account/>

UCF librarians provide one-on-one, in-person, and virtual assistance by appointment. All locations provide electronic access to library and university resources on the web. Courier and intercampus loan services make the John C. Hitt Library's collections available to UCF students at all regional and branch campus sites.

Space Planning, Analysis, and Administration (SPAA)

Assistant Director: Christy Collier
MH 329; 407-823-0982
<http://spaa.ucf.edu>

SPAA 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. SPAA works closely with UCF Facilities Planning and Construction and the Registrar's Office.

Intercollegiate Athletics

Vice President and Director: Daniel J. White
WD2; 407-823-2261
<http://www.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 sixth 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), rowing (2015, 2016, 2017, 2018), softball (2014, 2015), indoor track and field (2017) and volleyball (2014, 2018). After being the only team to go undefeated in the 2017 campaign, capping a perfect 13-0 season in the Chick-fil-A Peach Bowl with a 34-27 victory over then-No. 7 Auburn on New Year's Day, the UCF football team posted a second straight undefeated regular season and played in its second consecutive New Year's Six bowl - facing No. 11 LSU in the 2019 PlayStation Fiesta Bowl. Both the men's basketball and women's basketball programs posted historical seasons, earning at-large bids to the NCAA Tournament for the first time in program history.

During the past six years, UCF student-athletes have contributed a total of more than 400,000 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 2011 full-time cohort is 70.0 percent. The retention rate for Summer-Fall full-time 2016 students is 89.6 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 <http://www.housing.ucf.edu>.

Campus Bookstores

UCF's main campus is home to two Barnes & Noble College bookstores.

John T. Washington Center Location

The UCF Bookstore, a Barnes & Noble College division bookstore, located in the John T. Washington Center, is the textbook and course material destination. It also offers the largest variety of UCF clothing in the world, including logo gift items, snacks, beverages, convenience items and a full service café that proudly brews Starbucks coffee. 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 of your graduation supplies and more. It offers a complete line of UCF clothing, logo gift items, general reading books, 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.

Parking and Transportation Services

Director: Kris Singh

Visitor and Parking Information Center; 407-823-1371

Email: krishna.singh@ucf.edu

<http://www.parking.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 23 off-campus apartment communities, as well as numerous locations in Central Florida Research Park.

Normal operating hours range from 6:30 a.m. to 10:00 p.m. UCF also has an intra-campus shuttle service on the Black and Gold Line. Two routes serve up to 9 stops on campus. On-campus shuttles operate continuously from 7:00 a.m. until 7:00 p.m. during the fall and spring semesters, and from 7:00 a.m. to 4:00 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 9:00 p.m., Monday through Friday, during the fall and spring semesters, and six round-trip runs between 8:00 a.m. and 7:00 p.m. during the summer semester. Our latest addition is an inter-campus transportation service between UCF main campus and the Health Sciences Campus. It makes 14 round trips between 7:20 a.m. and 10:45 p.m. Monday through Friday. Arrivals and departures can be tracked via UCF mobile application or <http://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 <http://parking.ucf.edu/Shuttle.html> or call 407-823-2131 for detailed information.

In addition, two 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, Orlando FL 32803

Email: jimh@orlandoshakes.org

<http://www.orlandoshakes.org>

The Orlando Shakespeare Theater in Partnership with UCF is a professional AEA theater producing classic, contemporary and children's plays. The theater presents the Signature Series of adult plays, a children's theater series, The Playfest Festival of New Plays, 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 Helsingier 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 288,000.

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.

Advancement | UCF Foundation, Inc.

Senior Director of Communications, Marketing and Donor Relations: Stephen Toth
PVL 250; 407-823-6204
Email: Stephen.Toth@ucf.edu
<http://ucffoundation.org>

Founded in 1969 as the Florida Technological University Foundation, Inc., the UCF Foundation, Inc. is a 501(c)(3) nonprofit organization with a mission to encourage, steward and celebrate charitable contributions from alumni and friends to support the University of Central Florida. It is the official fundraising organization for the university, which is currently in a multi-year fundraising campaign called IGNITE: The Campaign for UCF, which seeks to raise \$500 million in private support for Student Success, Academic Excellence, and Growth and Opportunity by 2019.

Led by a volunteer board of directors and staffed by more than 100 professionals, including fundraising officers, information experts, accountants, communicators and more, the foundation works to inform, involve and engage current and prospective donors in strengthening UCF through private philanthropy.

Special Academic Programs and Research Institutes

UCF Global

Vice Provost: J. Jeffrey Jones

Assistant Vice President: Nataly Chandia

UCF Global, 4356 Scorpius St. Orlando, FL 32816-0130;
407-883-2337; Fax: 407-823-2526

<https://www.global.ucf.edu/>

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 the English Language Institute 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.

English Language Institute

<https://www.global.ucf.edu/ELI>

Since 1987, the University of Central Florida's English Language Institute (ELI) 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 ELI because of the high-quality intensive English programs, 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 at the ELI, 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 (IEP) at ELI is a course of study designed to improve the English language skills of prospective undergraduate or graduate students at UCF. The English Language Institute 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.

ELI believes in the importance of extra-curricular activities as a method for students to apply their English language skills outside the classroom. These events also serve as a way for students to experience the culture of the United States. Each semester, ELI hosts weekly activities for students such as excursions to theme parks, local sporting events, business tours, beach trips, volunteer gatherings, and more.

If you or someone you know would like to get involved with the English Language Institute, please email the ELI at contacteli@ucf.edu or call 407-823-2337.

Division of Continuing Education

Director: Todd Freece

Innovation Center, 3280 Progress Drive, Suite 700,
Orlando, FL 32826;

407-882-0260; Fax: 407-882-0266

<http://www.ce.ucf.edu>

The Division of Continuing Education serves as the unit within Academic Affairs for the centralized administration of continuing education at UCF. In partnership with the academic, business, and professional communities, the Division of Continuing Education provides local, state, national, and international clients with high quality, affordable, credit/noncredit educational programs and services. The Division also offers services to support

conferences, meetings, and summer camps. Continuing Education clients include students, working professionals and job-seekers, domestic and international businesses, and local, state and federal governments.

Special Tuition Programs

Associate Director: Kallie Reyes
Partnership II, 3100 Technology Parkway, Suite 0214,
Orlando, FL 32826;
407-823-4401, Fax: 407-823-1399

Cost Recovery Programs

Cost Recovery programs are fully self-supporting graduate degree programs offered by Colleges/Departments to address post-professional workforce demand. Such programs are significantly different from other state-funded programs and may not supplant any existing programs offered at the institution. Tuition and fees are based on the actual cost of administering each program. Programs may be offered online or at a location not utilizing state funding since state funds may not be used to facilitate the programs. Programs receive University approval and are operated through UCF's Continuing Education Division. Support for Cost Recovery programs and students enrolled are provided by a program manager and success coaches.

Market Tuition Rate Degree Programs

Market Tuition Rate programs are fully self-supporting graduate degree programs offered by Colleges/Departments that are driven by market needs. These programs 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 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. The Market Tuition Rate programs are unique because they are market driven, and because of the individual support and attention students receive from a program manager and success coaches.

Division of Teaching and Learning

Interim Vice Provost, Interim Dean, Associate Vice Provost and Associate Dean: Melody A. Bowdon

Associate Vice Provost and Associate Dean: Keisha L. Hoerrner
MH 210; 407-823-2373
dtl.ucf.edu

The Division of Teaching and Learning builds partnerships across UCF to enhance student learning outcomes and support faculty development. In collaboration with UCF's colleges, the division facilitates an integrative approach to learning by offering academic experiences that take learning beyond the classroom. The units that comprise the division are Academic Advancement Programs, EXCEL, Experiential Learning, Karen L. Smith Faculty Center for Teaching and Learning, Operational Excellence and Assessment Support, Pre-Health and Pre-Law Advising, Quality Enhancement Plan, UCF Abroad and Undergraduate Research.

Academic Advancement Programs

Director: Michael Aldarondo-Jeffries

407-823-0101

aap.ucf.edu

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
407- 823-6230
excel.ucf.edu

EXCEL strives to increase the number of students receiving baccalaureate degrees in STEM disciplines from UCF. The program strives to enhance 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: Jason Jude Smith
407-823-2667
explearning.ucf.edu

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.

Karen L. Smith Faculty Center for Teaching and Learning

Interim Director: Ann Miller
407-823-3544
<http://fctl.ucf.edu>

The Faculty Center staff and resources support faculty and student success at UCF. The many programs they offer are co-designed with faculty and provide opportunities to improve the effectiveness of teaching, to meet and share ideas about increasing student engagement and preparing students for their future lives and careers, to develop course and program materials, to learn about innovative pedagogies and classroom technologies, and to develop research and professional enrichment plans. The Faculty Center hosts three major faculty development conferences each year as well as a variety of semester-long programs and several one-day events. The team also creates and distributes a number of publications and offers one-on-one consultations, department-focused trainings, and other services.

Knights of Distinction

Director: Anna Maria Jones
407-823-1342

undergrad.ucf.edu/whatsnext/students

Beyond graduation a range of opportunities and experiences await you, but gaining access to these opportunities requires more than just your degree. Successful graduates are those who are able to make connections between experiences both inside and outside the classroom and to apply what they have learned to new contexts. The Knights of Distinction program is designed to help you do just that. Students who earn the designation Knight of Distinction demonstrate that they are able to make connections between theory and practice and that they possess valuable skills such as problem-solving, teamwork, time-management, and communication that employers and graduate schools prize. The title Knight of Distinction recognizes students' academic accomplishments as well as their professional and civic achievements in the world beyond the classroom. The Knights of Distinction program is part of UCF's Quality Enhancement Plan: *What's Next: Integrative Learning for Professional and Civic Preparation*. For more information, visit our website: undergrad.ucf.edu/whatsnext/students.

Operational Excellence and Assessment Support

Assistant Vice President: Patrice Lancey
407-882-0275
oeas.ucf.edu

Operational Excellence and Assessment Support (OEAS) supports UCF's efforts to improve the quality of student learning outcomes and the effectiveness and efficiency of university operations through assessment and analytics. OEAS contributes to data-driven decision making across all academic programs and administrative units through integrated processes that include continuous quality improvement, analytical and survey studies, technology integration, and guidance in assessment. OEAS also acts as independent external grant evaluators for various state and federal grants and works with the principal investigators to assure that the evaluation and research components of the grant are in concert to yield meaningful information.

Pre-Health and Pre-Law Advising

Director: Erin Myszkowski
407-823-0101
phpladvising.ucf.edu

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.

Quality Enhancement Plan

Director: Anna Maria Jones
407-823-1342
undergrad.ucf.edu/what'snext

The Quality Enhancement Plan (QEP) is a component of UCF's accreditation with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). Each QEP involves developing and executing a university-wide, multi-year initiative seeking to improve student learning outcomes. The mission of UCF's current QEP, *What's Next: Integrative Learning for Professional and Civic Preparation*, is to prepare our graduates to successfully enter and participate in the next steps of their professional and civic lives. *What's Next* seeks to help students **plan** for their futures post-graduation: to not only set goals but to identify the knowledge and skills necessary to reach those goals. The initiative encourages students to **connect** their classroom knowledge and skills to real-world contexts and, thereby, to develop the ability to transfer knowledge and skills from one context to another. Finally, this initiative promotes opportunities for students to **reflect** on their experiences, to communicate their knowledge and experiences, and to develop the ability to successfully advocate for themselves in their lives beyond the university.

UCF Abroad

Interim Director: Wayne Bowen

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.

Undergraduate Research

Assistant Dean and Director: Kimberly Schneider
407-823-0101
our.ucf.edu

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.

Institutes and Centers for Research

Dick Pope, Sr. Institute for Tourism Studies

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

Email: DPI@mail.ucf.edu
<http://hospitality.ucf.edu/research/dick-pope-sr-institute-for-tourism-studies/>

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.

Executive Development Center

Executive Director: Darrell Johnson
Associate Director of Degree Programs: Robin Hofler
407-235-3913; Email: mba@ucf.edu

The University of Central Florida College of Business Administration is proud to serve as a partner in executive education to the local, state, national, and international business communities. The Executive Development Center

was established to provide quality executive education programs to both individuals and organizations.

The Center helps professionals from all industries become more dynamic leaders, more effective managers, and more valuable team members. Corporations benefit from participating in executive education programs by developing more productive and resourceful workforces that can meet the challenges of today's changing marketplace and tomorrow's opportunities.

The Center serves as a valuable resource in executive training and development by offering graduate degrees that address critical issues for managers and business leaders. These programs are offered in a variety of formats suitable for any individual or corporation through:

- Executive MBA Program
- Professional MBA Program, Part Time and Full Time
- Professional Master of Science in Management/Human Resources
- Professional Master of Science in Management/Business Analytics
- Professional Master of Science in Management/Entrepreneurship
- Professional Master of Science in Real Estate

Florida-Canada Linkage Institute

Director: Mark Hartman
407-823-2337; Fax: 407-823-2526
Email: fcli@ucf.edu
<https://fcli.intl.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
407-823-2337; Fax: 407-823-2526
Email: eeli@ucf.edu
<https://eeli.intl.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, Ste. 402, Orlando, FL 32826
407-882-3960; Fax: 407-882-3968
Email: iog@ucf.edu
<http://www.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);
407-420-4850
Email: echoi@ucf.edu
<http://www.sbdcorlando.com>

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
1679 Clearlake Road, Cocoa FL 32922-5703;
321-638-1000
Email: info@fsec.ucf.edu
<https://energyresearch.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;
407-823-6172; Fax: 407-823-6359
Email: ramon.lugo@ucf.edu
<http://fsi.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 Simulation and Training (IST)

Director: Randall Shumaker
Partnership II & III, 3100 Technology Pkwy, Orlando, FL 32826-0544;
407-882-1300
Email: shumaker@ist.ucf.edu
<http://www.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 part of the School of Modeling, Simulation and Training.

IST laboratories, work space, and administrative offices occupy major portions of the Partnership II and III 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
- Virtual, mixed, and augmented reality
- High performance computing
- Human-machine interface, robotics
- Computer-generated forces
- Mathematical foundations
- Application development
- Information management technology
- Human factors psychology
- Team training and team performance
- Cognitive science
- Augmented cognition
- Medical-related simulation
- Embedded simulation
- Advanced performance technology
- Human performance in healthcare
- Behavioral cybersecurity

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 are the Modeling & Simulation Professional Science Master's degree, a two-year course of study providing a combination of technical and business courses, and the Graduate Certificate in Modeling and Simulation of Technical Systems, which requires fifteen or more credit hours beyond the bachelor's degree and is beneficial to technical professionals involved with constructing and using simulation models of dynamic systems.

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.

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
BA2 113; 407-823-3555
<https://sportandsocialjustice.org/>

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: John C. Hitt

ORAU Corporate Secretary: Monnie E. Champion
865-576-3146
<http://www.oraui.org>

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.ornl.gov>, 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.

Undergraduate Admissions

Associate Vice President: Gordon D. Chavis, Jr.
Duke Energy UCF Welcome Center; 407-823-3000
Email: admission@ucf.edu
<http://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 9:00 a.m. to 6:00 p.m. and Tuesday/Wednesday/Friday 9:00 a.m. to 5:00 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 10:00 a.m. and 2:00 p.m., Monday through Friday, except holidays. Reservations can be made by visiting our website at <http://admissions.ucf.edu>. "Transfer To Be A Knight" information sessions are held for prospective transfer students on select days throughout the year. Visit

<http://admissions.ucf.edu/transferknights/> for more information. Group tours of up to 80 or 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 Rosen College of Hospitality Management near International Drive. Please contact them at 407-903-8166 for further information.

Application for Admission

All interested applicants should complete the University of Central Florida "Undergraduate Admissions Application" online at <http://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 <http://www.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, religion, sex, national origin, age, disability, marital status, parental status, genetic information, sexual orientation, gender identity, gender expression, or veteran status.**

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 <http://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 <http://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 <http://fye.ucf.edu/>.

Admission Categories

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

- A. Freshman (First-Time-In-College: FTIC)
- B. Dual Enrollment/Early Admit (includes early admission and dual enrollment, on- or off-campus)
- C. Transfer*
- D. Second Bachelor's Degree
- E. Transient (one term enrollment only, not from a Florida public institution)**
- F. Non-Degree Seeking (not including students who have already earned a bachelor degree)***
- G. Limited Non-Degree Seeking****
- H. 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 http://www.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, counselor recommendations, 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.

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, FTIC students may be admitted if they meet a 2.50 or higher grade point average (GPA) on a 4.00 scale as calculated by the university, present an official SAT and/or ACT score, and meet the requirements for college-level placement per Board of Governors Regulation 6.008 below and high school units 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
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ACT

Reading	19
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English	17
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Mathematics	19
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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 Admit 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 <http://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 freshman high school unit entrance requirements, the high school academic GPA and minimum SAT Reasoning, redesigned SAT, or ACT. 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 <http://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 <http://registrar.ucf.edu/readmission-application>.

Credits from a Previous Baccalaureate Degree

Graduates from other regionally-accredited four-year U.S. institutions 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 regionally accredited four-year U.S. institution 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 a regionally accredited four-year U.S. institution includes credit from a non-regionally accredited institution, the credit from the non-regionally accredited 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 regionally-accredited institution 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 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 <https://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 <http://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:
<https://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 <http://www.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: <https://www.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 <https://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 a regionally accredited college or university 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 a "Certification of Finances" form and supporting 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://www.international.ucf.edu/international-students-scholars-and-professionals/international-admissions/undergraduate/> and must be on file prior to the issuance of the I-20 or DS-2019 forms by the University.

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 <http://www.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 a regionally-accredited college or university 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 a non-regionally accredited institution included within a baccalaureate degree earned from a regionally accredited institution.

Accredited Institutions

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

- Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges - (ACCJC);
- Higher Learning Commission (HLC);

- New England Association of Schools and Colleges, Commission on Institutions of Higher Education (NECHE);
- Middle States Commission on Higher Education (MSCHE);
- Northwest Commission on Colleges and Universities (NWCCU);
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC);
- WASC 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 a "Transfer Summary Report" (TSR) soon after the student is offered admission. Some credits listed on the TSR may not be applicable toward graduation course requirements. The TSR 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 a regionally accredited institution or the equivalent on an international evaluation from WES or JS&A is shown on the TSR 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.

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 regionally-accredited institution, it is important to have official credentials sent to UCF for evaluation. Credit is not awarded for basic training.

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.

Student Financial Assistance

Office of Student Financial Assistance

Director: Alicia Keaton
MH 107; Switchboard: 407-823-2827; Fax: 407-823-5241
Email: finaid@ucf.edu
<http://finaid.ucf.edu>

Office Hours:

Monday and Thursday: 9:00 a.m. - 5:30 p.m.
Tuesday, Wednesday, Friday: 9:00 a.m. - 5:00 p.m.
(Hours subject to change during holidays and semester breaks.)

The Office of Student Financial Assistance, a unit within Student Development and Enrollment Services, 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 counseling is available on a walk-in basis. To protect the privacy of student records, we offer limited counseling services through phone and email.

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.ed.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. Per federal regulations, copies of income tax returns (Form 1040, 1040EZ, etc.) are no longer acceptable. The only exceptions to this rule include those who file tax returns in Puerto Rico or foreign countries;
- 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 be costly as well as frustrating;
- Federal regulations require that some students be selected for verification. 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 for the 2018-19 aid year 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.
- 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 <http://finaid.ucf.edu/receiving/sap/> 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 <http://finaid.ucf.edu/applying/costs/> 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 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;
- Male applicants 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 <http://finaid.ucf.edu/receiving/pec/> 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. Per federal regulations, copies of tax returns (Form 1040, 1040EZ, etc.) are no longer acceptable. The only exceptions to this rule include those who file tax returns in Puerto Rico or foreign countries;
- Students selected for verification for the 2018-19 aid year 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.
- Students may visit the office during normal business hours to speak with a counselor;
- Comprehensive financial aid information can be found on the website: <http://finaid.ucf.edu>.

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 <http://finaid.ucf.edu/applying/costs/> 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 2018-2019

Undergraduate Students

Fall/Spring based on 14 hours per term

	Florida Residents		Non-Florida Residents	
Living Arrangement	On/Off Campus	Parent/Relative	On/Off Campus	Parent/Relative
Tuition and Fees	\$5,954	\$5,954	\$20,978	\$20,978
Books	1,200	1,200	1,200	1,200
Room & Board	10,010	5,588	10,010	5,588
Transportation	1,866	1,866	1,866	1,866
Personal Expenses	<u>3,104</u>	<u>3,104</u>	<u>3,104</u>	<u>3,104</u>
Total Costs	\$22,134	\$17,712	\$37,160	\$32,738

Financial Aid Programs Available at UCF

Financial aid comes in many forms, such as grants, scholarships, employment, loans and waivers. The Program Eligibility Charts on the website under "Receiving Aid" list the various programs and their specific enrollment requirements. Detailed information for each program can also be found on the website under its particular title.

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 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.

Award Notification

Award notifications for first time UCF students are sent electronically in early March, while email award 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 awards will be 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 on the award notifications are estimates based on full-time enrollment. For purposes of financial aid, enrollment is based solely on classes that count toward degree completion.

Admission to UCF must be finalized with no contingencies. 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.

Deferrals 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 for download prior to 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 <http://finaid.ucf.edu/receiving/funds-for-books/>.

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 70% 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 <http://finaid.ucf.edu/receiving/sap/>.

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 70% of the attempted hours and since cancellation, has brought up the percentage to a minimum of 70%, 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 <http://finaid.ucf.edu>, 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 <http://finaid.ucf.edu/receiving/sap/>.

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 70% 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

You will be classified as independent for financial aid purposes if at least one of the following applies:

- Were you born before January 1, 1995?
- As of today, are you married? (Also answer "Yes" if you are separated but not divorced.)
- At the beginning of the 2018–19 school year, will you be working on a master's or doctorate degree program (such as an M.A., MBA, 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, 2018, and June 30, 2019?
- 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, 2019?
- 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?
- Has it been decided by a court in your state of legal residence that you are an emancipated minor or that someone other than your parent or stepparent has legal guardianship of you? (You also should answer "Yes" if you are now an adult but were in legal guardianship or were an emancipated minor immediately before you reached the age of being an adult in your state. Answer "No" if the court papers say "custody" rather than "guardianship.")
- At any time on or after July 1, 2017, 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.

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 <http://finaid.ucf.edu/receiving/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 <http://registrar.ucf.edu/excess-hours>.

Student Account Services "Tuition & Fees"

Student Account Services

Bursar: Kelly D'Agostino
MH 109; 407-823-2433
Email: studentaccounts@ucf.edu
<http://www.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: 2019-2020 tuition and fees had not been established at the time of this publication. Rates for the 2019-2020 academic year will be available in July 2019 at <http://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 deferrals 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 <https://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 2019 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 American Express, MasterCard, and Discover). Please review the Student Account Services website at <http://studentaccounts.ucf.edu/payment-methods/> for current payment information.

E-Pay - <https://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 2018, Fall 2018, or Spring 2019). 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
<http://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 <http://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 (MH 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 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:
 - a. 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.)
 - b. Proof of purchase of a home in Florida in which the student resides;

- c. 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:
 - a. Declaration of Domicile;
 - b. Florida voter registration;
 - c. Florida vehicle registration;
 - d. Florida driver license or Florida identification;
 - e. Proof of real property ownership in Florida (e.g., deed, tax receipts) where you reside;
 - f. 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;
 - g. Proof of membership in or affiliation with community or state organizations or significant connections to the State;
 - h. Proof of continuous presence in Florida during periods when not enrolled as a student;
 - i. Proof of former domicile in Florida and maintenance of significant connections while absent;
 - j. Proof of reliance upon Florida sources of support;
 - k. Proof of domicile in Florida of family;
 - l. Proof of admission to a licensed practicing profession in Florida;
 - m. 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;
 - n. 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.

Division of Student Development and Enrollment Services

Vice President for Student Development and Enrollment Services: Maribeth Ehasz
MH 282; 407-823-4372
<http://www.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;
407-823-5896
Email: assa@ucf.edu
<http://assa.sdes.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, academic mentoring, and tutorial services.
- Directing students 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: Richard Phillips
SU 215; 407-823-5548
Email: asf@ucf.edu
<http://asf.sdes.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
CSEL; 407-823-2361
Email: career@ucf.edu
<http://career.sdes.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 Hofmann
Counseling and Psychological Services Center; 407-823-2811
<http://caps.sdes.ucf.edu/>

Counseling and Psychological Services 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 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:

- Short-term individual therapy.
- Group therapy and workshops.
- Crisis intervention and walk-in appointments.
* *Crisis afterhours hotline: 407-823-2811 Press #5*
- Couples therapy (*both need to be UCF students).
- Outreach presentations and workshops.
- Consultation to faculty, staff, parents, and students.
- Referral services to community and campus resources.

Creative School for Children (CSC)

Director: Suzette Turner
CSC1; 407-823-2726
Email: csc@ucf.edu
<http://csc.sdes.ucf.edu>

The Creative School for Children is an Educational Research Center for Child Development that provides quality early learning experiences for children ages 6 weeks to 5 years old. The school is accredited by the National Association for the Education of Young Children (NAEYC) and is Florida Gold Seal certified. 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 art, music, language, motor skills, science, math, social studies, perceptual development, socialization, and self-discovery. Planned on-campus field trips and special family programs are part of the annual schedule. CSC offers the Florida State Voluntary Pre-K (VPK) program for age-eligible four-year-old children. Experiences in observation, volunteerism, and internships in educational academic areas are available to all university students, as well as opportunities for educational research for university faculty, undergraduate and graduate students. The school enrolls children of university students, employees of the university, and community members. Operating hours are 7:30 a.m.-5:30 p.m., Monday through Friday.

First Year Advising and Exploration (FYAE)

Director: Stephen O'Connell
TCH 133; 407-823-3789
Email: fy@ucf.edu
<http://fyae.sdes.ucf.edu/>

UCF recognizes that starting in a new learning environment can present many challenging life transitions for incoming freshman students. First Year Advising and Exploration has been established to prepare and advise first-time-in-college students. The overriding mission of the office is to assist first-year students by providing academic advising support services and other programs that will lead to their overall satisfaction, success and progression at UCF. Students who have not selected a major (Undeclared students) are provided focused advising support services through the Major Exploration Program to assist them in the major selection process.

To fulfill this mission, each student is assigned a specific academic advisor who connects with the student through various activities such as orientation, individual appointments, outreach programs, and email and phone communication. The office focuses its efforts on providing proactive academic advising support, establishing early and regular communication, and providing outreach advising activities for first-year students. FYAE also offers academic advising at their satellite office located in Academic Village. FYAE advisors have been designated for first-year students in the EXCEL, COMPASS, freshman LEARN living learning community, STEP, Access Program, and Out of State Student Mentoring (OSSM) living learning community programs. In addition, high school students admitted to UCF as part of the Early Admission or Dual Enrollment programs are advised on coursework through FYAE.

FYAE advisors assists all undeclared students in major exploration and connecting with Career Services and referrals to the appropriate Colleges Offices. FYAE collaborates with the college advising support units, and other campus student support offices, in providing information resources and academic advising services through advising appointments, and student outreach program sessions. The office also supports student engagement throughout the second year.

Major Exploration Program (MEP)

TCH 133; 407-823-3789
<http://mep.sdes.ucf.edu>

The MEP has been developed to provide structured experiences to assist students are undecided about a major. Students are provided major exploration and career development connections as primary advising initiatives so they can make an informed decision on their future major at UCF. MEP has several components including coordinated academic advising services from a first year advising office, major and career exploration programming activities, and online assessments. The program's services are also available to first-year students who are unsure about their major choice and to those considering a change of major.

First Year Experience (FYE)

Director: Paige Woods
HPH 216; 407-823-5105
Email: fye@ucf.edu
<http://fye.sdes.ucf.edu>

The First Year Experience office combines Orientation with extended new student transition programs including UCF's official Welcome Week, Pegasus Palooza, LINK (Learning and Interacting with New Knights), The Knighting (new student convocation), Out of State Student Mentoring Program (OSSM), and the Strategies for Success freshman seminar course (SLS 1501). FYE assists entering freshmen and transfer students with their transition to UCF by providing information about student services, campus life, academic support, academic advising, and registration. Freshmen and transfer students are required to attend an Orientation session prior to registering for classes. Students register for the program by visiting the FYE website at <http://fye.sdes.ucf.edu>. In addition, LINK assists new undergraduate students in their transition by creating, coordinating, and promoting campus-wide, co-curricular educational programming and activities. Students also have the opportunity to serve in a variety of leadership roles with FYE including the Orientation Team (O-Team), OSSM peer mentors, Strategies for Success course peer mentors, and Pegasus Palooza executive board members. 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)

Director: Woody Joseph
4100 Greek Park Drive (Fraternity and Sorority Life Building);
407-823-2072
<http://fsl.sdes.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 <http://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
HAB 123; 407-823-4663
<http://www.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 <http://www.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
FC 165; 407-823-2223
<http://lsa.sdes.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, 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
SU 154; 407-823-2716
<http://mass.sdes.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.

Neighborhood Relations and Safety Education (NRSE)

Assistant Vice President, Student Development and Enrollment Services: A.J. Range
Suite 282 Millican Hall, Room 264; 407-823-4625
<https://nrse.sdes.ucf.edu>;
<https://ucf.offcampuspartners.com/>

While Neighborhood Relations and Safety Education is charged with assisting and providing unbiased information and resources for students, parents, faculty, and staff with their search for off campus housing accommodations, its first mission, however, is to support and promote on campus housing for students. The NRSE office also has contact with and communicates to local off campus apartment communities regarding student housing opportunities. This office also offers neutral guidance and instructions for students wishing to sublease their off campus apartment; and offers "moving off campus" consultations and information about local services, transportation, and furniture rental.

NRSE further serves UCF students, who live off campus, with directions and information regarding a variety of on campus programs, events, activities, and services. This office fosters a supportive and developmental environment for off campus students by providing advocacy for resolving problems, "on the spot" or through campus referrals, and by exploring other available resources. Moreover, NRSE also works in the local neighborhoods, adjacent communities, and nearby subdivisions with the HOAs, local police officers, community leaders, residents, and students to create, build, and enhance good neighborhood relations and effective civic engagement and responsibility. Finally, NRSE provides alerts, awareness, and education to students in an effort to prevent, protect, respond, and recover from safety and security challenges off campus.

Office of Student Involvement (OSI)

Director: Shane Juntunen
SU 208; 407-823-6471
Email: osi@ucf.edu
<http://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, Student Government Association (SGA), Volunteer UCF (VUCF), and Knights of the Turntables, OSI's DJ service. OSI wishes 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, Building 7G, 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, Building 7C, Suite 142; 407-823-3477
<http://ied.sdes.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, Building 7G, Suite 227; 407-823-4638
<http://osc.sdes.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 <http://goldenrule.sdes.ucf.edu>.

Student Care Services (SCS)

Associate Director: Ann Marie Palmer
Ferrell Commons, Building 7C, Suite 138; 407-823-5607
<http://scs.sdes.ucf.edu>; <http://cares.sdes.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.

Office of Student Success (OSS)

Director: Jacob Bonne
Trevor Colburn Hall 133; 407-823-6239
Email: studentsuccess@ucf.edu
<http://oss.sdes.ucf.edu>

The Office of Student Success provides guidance and support to key stakeholders to ensure student retention,

graduation, and success. To achieve the UCF Collective Impact, OSS facilitates data-driven decision-making, cultivates partnerships to amplify impact, and embraces UCF's innovative identity as a 21st century university.

Recreation and Wellness Center (RWC)

Executive Director: James Wilkening
RWC; 407-823-2408
<http://rec.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 you covered. So stop in and try a yoga class or our brand new, extremely popular, high-intensity interval training (HIIT), circuit and functional training class F45, rent a kayak at the lake, participate in an inclusive and adaptive event, join one of our 41 sports clubs, compete in our nationally recognized intramural sports programs, or just relax at our leisure pool.

What We Have to Offer:

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

- Six multipurpose courts
- 1/8 mile track
- 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

- 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
- Nine-hole disc golf course
- Challenge course
- Two multipurpose grass fields
- Six lighted artificial turf fields
- 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 Square feet cardio and strength equipment, functional workout space

LOCATIONS:

Main Building: At the corner of Gemini Boulevard South and Ursa Minor Street.

Knights Plaza: At the corner of Gemini Boulevard North and West Plaza Drive

RWC Downtown: Located inside the new Union West at Creative Village on the UCF Downtown Campus at the corner of Terry and Livingston Avenues.

FOLLOW US:

Facebook: [ucfrwc](https://www.facebook.com/ucfrwc)

Twitter: [@UCFRWC](https://twitter.com/UCFRWC)

Instagram: ucfrwc

Wellness and Health Promotion Services (WHPS)

Director: Maureen Hawkins
Recreation and Wellness Center Building, Suite 111; 407-823-5841
<http://whps.sdes.ucf.edu>

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, by offering a wide range of health promotion and risk reduction services on topics including sexual wellness, nutrition, stress management, sleep hygiene, body acceptance, smoking cessation, and healthy relationships. A variety of services are provided by health professionals including screening and education, along with HIV testing and counseling, wellness coaching and biofeedback-assisted relaxation training. Trained Peer Health Advocates help promote healthy behaviors both by staffing Health Huts around campus and by facilitating interactive workshops.

Registrar's Office (RO)

University Registrar and Executive Director: Brian C. Boyd
MH 161; 407-823-3100, HelpLine: 407-823-3533
Email: registrar@ucf.edu
<http://registrar.sdes.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, student veteran services, the Veteran's Academic Resource Center, 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*.

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 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 cannot review student requests for residency reclassification to be effective with the student's first term of enrollment, only subsequent terms.

To request a residency review, the student must submit a completed "Residency Reclassification Application and Affidavit" and supporting documents to the Registrar's Office (MH 161) or Graduate Studies (MH 230). This form is available either at the Registrar's Office or online at <http://registrar.ucf.edu>. 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 financial obligations of attendance and living expenses. Contact the Registrar's Office at 407-823-3100 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 the submitted documents and available information and will render an eligibility determination. 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. No single document shall be conclusive.

Students seeking residency reclassification should understand that living in or attending college in Florida does not automatically establish residency in Florida for tuition purposes. 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 school 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.

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 the Registrar's Office (MH 161) or Graduate Studies (MH 230) prior to the close of "Late Registration and Add period" for the term in which Florida residency is requested. Approved residency reclassification will not be applied retroactively to previous terms.

The Registrar's Office or Graduate Studies may require additional documentation beyond that initially submitted by the 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 students are required to submit copies of two 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 students looking to transfer or become transient students at another institution must be submitted in person or in writing.

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.

SDS TRiO Center

Executive Director: Rebekah McCloud
HPH 208/214, WDI 110/113/115; 407-823-4165
<http://trio.sdes.ucf.edu>

PRIME STEM

PRIME STEM/Student Support Services is a federally-funded TRiO program (U.S. Department of Education). The program supports college students pursuing STEM (Science, Technology, Engineering and Mathematics) and Health Sciences majors who are first-generation, low income, and/or have a documented disability. The project offers academic support services and resources to assist PRIME STEM scholars to successfully complete a STEM or Health Sciences 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 college 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 successful completion of 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 in developing and achieving 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 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: Edwanna Andrews
SU 207; 407-823-0401
Email: sja@ucf.edu
<http://www.sja.sdes.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 will support efforts to increase equal access to campus resources and opportunities, while cultivating inclusiveness to the least advantaged members of the campus community. SJA will advocate 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 Academic Resource Center (SARC)

Director: Rebecca Piety
TCH 117; 407-823-5130
Email: sarc@ucf.edu
<http://sarc.sdes.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, Online Peer-Assisted Learning (OPAL), 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 peer tutoring to students enrolled in undergraduate courses associated with the current UCF semester's schedule. Peer tutoring sessions take place in the SARC Lab located in TCH 117 or in the CECS Lab in ENG I room 281. Subject areas covered include – Accounting, Statistics, Biology, Chemistry, Organic Chemistry, Physics, and Human Physiology. No appointment is necessary and students may join or leave a tutoring session as needed. Some tutoring and SI sessions, known as OPAL, are available online so that students can attend and receive assistance from anywhere.

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. 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.

University Testing Center (UTC)

HPH 106; 407-823-5109

Email: utc@ucf.edu

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

The University Testing Center is an auxiliary unit within Student Development and Enrollment Services. It supports the university's strategic efforts to ensure student learning and success by administering entrance and placement, academic, certification and licensure, distance learning, and pre-employment exams for numerous agencies, businesses, and institutions.

The University Testing Center provides institutional, state, and national standardized testing services for UCF students, non-UCF students, and the community. UTC delivers more than 12,000 exams annually. UCF students and community members may take advantage of the UTC's portfolio of exams.

Accommodations for students with disabilities are made available in coordination with the Office of Student Accessibility Services. The University Testing Center was awarded Test Center Certification by the National College Testing Association (NCTA), a non-profit organization of testing professionals working in post-secondary institutions, in companies with test-related products and services, and in other professional testing venues.

Student Accessibility Services (SAS)

Executive Director: Adam Meyer

FC 185; 407-823-2371

Email: sas@ucf.edu

<http://sas.sdes.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 <http://www.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)

Location FC 155; 407-823-2371

Email: ies@ucf.edu

<http://ies.sdes.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

MH 107; 407-823-2827

<http://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 counseling is available on a walk-in basis. To protect the privacy of student records, SFA offers limited counseling services through phone and email.

Student Government Association (SGA)

Advisor: Shane Juntunen
SU 214; 407-823-3291
<http://www.ucfsga.com>

The Student Government Association'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, SGA also provides numerous services that affect student life. These services include free printing in the SGA Computer labs, 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 SGA 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. SGA coordinates its efforts with the Florida Student Association in lobbying for students' rights at the local, state, and national levels. SGA'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 SGA. 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 SGA. For information about how to become involved with SGA, or how your student organization can receive funding, contact the SGA office.

Student Health Services (SHS)

Associate Vice President: Michael Deichen, M.D., M.P.H.
Student Health Services, Building 127; 407-823-2701
<http://www.studenthealth.ucf.edu>

Student Health Services is a department within the UCF Academic Health Sciences Center. SHS has a very large out-patient clinic system which 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.

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 which 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.

For students without health insurance, SHS has endorsed an optional health insurance plan. Please visit the SHS website for additional information regarding this plan.

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; 407-823-2538
<http://sls.sdes.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
Orlando Tech Center, 12479 Research Parkway, Bldg. 600, Suite 215, Orlando 32826; 407-823-5580
<https://sos.sdes.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
SU 312; 407-823-3677
<http://www.ucfsu.com>

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 Café Bustelo, Chili's, Smoothie King, Pita Spot, Huey Magoos, Panda Express, Steak N Shake, Which Wich and Qdoba. Retail stores include Knightstop Convenience Store + Sushi, 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 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 Mon-Fri 7am-1am, Sat 9am-12am and Sun 11am-10pm (excluding holidays and semester breaks). For information, call the Information Desk at 407-823-0001. The Student Union is funded by SGA.

Transfer and Transition Services (TTS)

Director: Jason Dodge
HPH 221; 407-823-2231
<http://transfer.sdes.ucf.edu>

Transfer and Transition Services helps transfer students make a seamless transition for a more successful experience at UCF. The office provides the following resources and services:

- General advising and referral for transfer students before and after they enroll at UCF.
- Referral to DirectConnect advisors at partnering colleges: Eastern Florida State College, Lake-Sumter State College, Seminole State College, Valencia College; College of Central Florida, and Daytona State College.
- Academic exploration and advising for transfer students who are undeclared majors, undecided, or changing majors.

- Current information about university programs and policies including entrance and exit requirements.
- Advocacy and assistance in resolving transfer issues.
- Transition advising services for currently enrolled juniors and seniors who are undeclared or changing majors.
- Connections to the campus community with Peer Mentors, transfer clubs and organizations including Tau Sigma and Transfer Knights Club, and TTS sponsored events.

Undergraduate Admissions (UA)

Associate Vice President: Gordon Chavis, Jr.
 Duke Energy UCF Welcome Center; 407-823-3000
 Email: admission@ucf.edu
<http://www.admissions.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, 9 a.m.-6 p.m., Tuesdays, Wednesdays, and Fridays, 9 a.m.-5 p.m.

Veterans Academic Resource Center (VARC)

Director: Paul Viau
 Veterans Academic Resource Center, Addition Financial Arena; 407-823-2707
 Email: varc@ucf.edu
<http://varc.sdes.ucf.edu/>

Located at UCF Knights Plaza/Addition Financial Arena, the Veterans Academic Resource Center is open 9 a.m.-5 p.m., Mondays through Fridays, and provides study and lounge areas for student veterans, as well as programs and events designed specifically for student veterans' needs.

The VARC recognizes and supports student veterans as they transition from military to student life. The VARC, a unit of the Registrar's Office, is a collaboration among the offices of Career Services, Counseling and Psychological Services, Student Academic Resource Center, Student

Accessibility Services, and Transfer and Transition Services, and provides the home for Veteran Services.

Veteran Services

Assistant University Registrar: Bethany Glassbrenner
<http://varc.sdes.ucf.edu/benefits>

Veteran Services serves all veteran students and eligible dependents who are using VA educational benefits. The office provides information 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 Veteran Services early in the UCF admissions process for information (<http://varc.sdes.ucf.edu/benefits>).

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 for regionally accredited schools and courses only. 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.

Students eligible for VA educational benefits may also be eligible for a VA deferral of tuition and fees. The VA Deferment due date is contained in the "Academic Calendar" (<http://calendar.ucf.edu/>). Students eligible for financial aid adequate to cover tuition and fees are not eligible for this deferment.

For fall/spring semesters, undergraduates must carry at least 12 credit hours for full-time VA benefits, 9 to 11 credit hours for three-quarter time benefits, and 6 to 8 credit hours for half-time benefits. Five credit hours or less will be reimbursed at the cost of tuition and fees or quarter-time depending on their VA Chapter. Check Veterans Services website for summer term course load and other FAQs.

Students currently enrolled at UCF and another institution may receive VA educational benefits, after completing the appropriate Transient Form and consulting with Veterans

Services. 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 Veterans Services 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 Veterans Services for more specific benefit information on Cooperative Education.

UCF is designated as a VA "Yellow Ribbon" institution to help defray the out-of-state tuition. Please go to http://varc.sdes.ucf.edu/docs/ucfyellowribbonprogram_rules.pdf 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 <http://varc.sdes.ucf.edu/benefits> for more information and application requirements.

Transfer and Transition Services

Director: Jason Dodge

HPH 221; 407-823-2231

Email: tservices@mail.ucf.edu

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

Transfer and Transition Services helps students accomplish a smooth and efficient transfer to UCF. Students transferring with an A.A. or articulated A.S. from a DirectConnect partner school are guaranteed admission (upon meeting admission criteria). Partner institutions include College of Central Florida, Daytona State College, Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College. Florida College System institution and university A.A. graduates are guaranteed certain rights and privileges according to the statewide Articulation Agreement.

Students transferring with an A.S. in one of the statewide articulated degree programs should refer to the "Articulated A.S. Programs" chapter of this *Undergraduate Catalog*. Any questions about these programs should be directed to the Director of Transfer and Transition Services.

Where Can I Go For Help?

For information or assistance during the transfer process, you may contact Transfer and Transition Services, located in Howard Phillips Hall, room 221. Call the Student HOTLINE at 407-823-2231 for immediate access to staff during regular business hours. Visit the website at <http://transfer.sdes.ucf.edu>.

Transfer and Transition Services provides the following services and resources:

- Accurate and current information about university programs and policies including entrance and exit requirements, as well as information concerning:
- General academic advising for transfer students before and after they enroll at UCF
- Pre-admission academic advising for students applying to UCF
- Advising for students who are undeclared, undecided, or changing majors
- Peer Mentors provide advising and transition assistance by telephone, email, and office appointments
- Student information and advising HOTLINE 407-823-2231

- Website for transfer students (<http://transfer.sdes.ucf.edu>)
- Transfer Knights social club; Tau Sigma Transfer Honor Society
- Orientation advising and assistance

How Can a Florida College System Institution Counselor or Advisor Help Me?

It is important that you are kept informed of all requirements for transferring to UCF. Florida College System institution counselors and advisors are provided with information and resources about the requirements to enter each program at UCF. They can help you determine which classes you need to complete before transferring. Additionally, they have access to information for limited access majors that have special requirements: application deadlines, GPA, testing, portfolios, letters of recommendation, etc.

DirectConnect to UCF provides A.A. and A.S. students and alumni of College of Central Florida, Daytona State College, Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College guaranteed access to UCF. Meet with a DirectConnect advisor as soon as you earn 30 credit hours.

Why Should I Complete My A.A. Before Transferring From a Florida Public Institution?

Receiving your A.A. from a Florida public institution ensures special benefits guaranteed under the statewide Articulation Agreement. The following are some of the advantages of receiving your A.A.:

- Priority in admission to state universities;
- Acceptance of at least 60 credit hours toward the baccalaureate degree; no additional general education core requirements;
- Acceptance of all courses taken at your institution, if the same course with the same course number is offered at UCF;
- All grade forgiveness awarded under the A.A. will be honored.

Priority admission is given to A.A. and articulated A.S. graduates from the Florida public community and state colleges and state universities. If you do not complete an A.A. at a Florida College System institution or university, you must complete UCF's general education requirements, which may be considerably different from your previous institution's requirements. If you have met all the A.A. requirements, you should have "General Education Requirements Met" placed on your transcript to assure getting credit for meeting General Education and Gordon Rule requirements. Without this statement you must satisfy UCF's general education requirements and Gordon Rule courses. If your grade point average falls below a 2.0 (without grade forgiveness), you will not be admitted.

What Are the Foreign Language Requirements?

Admission Requirement: To be admitted you should complete two years of the same foreign language or American Sign Language in high school (document by submitting an official high school transcript), or at the post-secondary elementary 2 level, or pass a CLEP or other proficiency examination. Students admitted without this requirement must satisfy it prior to graduation.

Graduation Requirement: Some baccalaureate degrees require students to demonstrate foreign language proficiency as a graduation requirement; this requirement may be satisfied by college-level course work or testing equivalent to two semesters of college instruction. Some majors require additional proficiency; some departments accept American Sign Language to meet the proficiency. Consult the UCF *Undergraduate Catalog* for graduation requirements for specific majors. High school courses will not satisfy graduation foreign language requirements. International students required to provide TOEFL scores for admission are considered to have satisfied the graduation requirement.

How Will My Credits Transfer?

All college level credits earned for which official transcripts have been submitted will be compiled into a Transfer Summary Report (TSR), which is available online after your admission to UCF. The TSR is the basis for constructing a degree audit, which applies earned credits toward your intended degree program. The audit provides you with an assessment of which degree requirements have been met and which remain to be satisfied. You will use the audit to schedule courses that meet your remaining requirements.

Common Program Prerequisites: To view generic course substitutions for Common Program Prerequisites that may be offered at the Florida College System institutions or other state universities, please go to the Florida Virtual Campus website at <https://www.floridashines.org>. Usually these courses will be substituted automatically in your audit to fulfill the correct requirement.

Some credits listed on the TSR may not be applicable toward graduation course requirements; e.g., some departments do not accept a transfer grade of "D" (1.0). You should review the TSR carefully to ensure that all credits are included. Courses not automatically credited to your degree program must be evaluated on a course by course basis. General education courses are evaluated through Academic Services; all other courses are evaluated by the academic department offering the courses.

You must make sure that all official college transcripts, including a final transcript from the last institution you attended, are submitted to the Undergraduate Admissions Office within ten days of the start of your first term at UCF. If Admissions does not receive them, a hold is placed on your record, making it difficult for you to receive financial aid or to register for a future term.

When Do I Pay My Bill?

For students taking courses at UCF for the first time, tuition and fee payments are due by the published deadline. Students can print a copy of their Fee Invoice online from myUCF (<https://my.ucf.edu>). A late payment fee of \$100 will be assessed on all accounts not paid or deferred by each term's payment deadline. Please note that you will not be sent a bill. It is up to you to view your Fee Invoice through myUCF. If you decide not to attend, but have registered for classes, be sure to drop all classes, or you will be fee liable.

Financial Aid deferments will automatically be reflected on your Fee Invoice. If the total amount of your tuition and fees exceeds the amount of your deferment, the difference must be paid by the due date on your Fee Invoice. The following programs are not included in the automatic deferral program: work/study programs, third party deferrals, other waivers, and direct pay scholarships.

Can Transfer Students Participate in The Burnett Honors College?

Qualified students who transfer to UCF with an honors A.A. from a Florida College System institution that has

signed an articulation agreement with The Burnett Honors College will be admitted into University Honors with junior standing. Florida College System institution transfers and other students who have completed their general education requirements may participate in the Honors in the Major program through the completion of departmental honors requirements, including an original research project. Transfer students who apply for admission to departmental honors programs must have a minimum GPA of 3.5 in their major. Successful completion of either honors program will be noted on your transcripts and diploma. For more information, call 407-823-2076 or visit the honors website at <http://honors.ucf.edu>.

Transfer Tips:

Office Visits for Transfer Advising

- Students are encouraged to contact Transfer and Transition Services or their DirectConnect advisor with questions or to schedule an appointment to meet with an advisor. Advisors are available Monday through Friday, 8:00 a.m. to 5:00 p.m.
- Transfer students must declare a major; students undecided about their major should contact Transfer and Transition Services for advisement.
- Undeclared students with 45+ credit hours are placed on advising hold.

Students should:

- Submit your application as soon as you have earned 45 credit hours, at least six months in advance. Do not wait until the A.A. is awarded to apply. You can be admitted "contingent upon completion of the A.A." if you meet specific admission requirements. By applying early and being admitted, you will be invited to an early Orientation.
- Keep a transfer diary. For each contact with UCF, record the name of the person with whom you spoke, the date, and the type of request. Keep a copy of all correspondence you send and receive.
- Have original transcripts from all institutions you have attended sent directly to the Undergraduate Admissions Office. If you are currently enrolled, send a transcript when applying and a final transcript when classes are completed.
- Attend the earliest Orientation session possible. You will have more course selections and registration choices. You should bring copies of all transcripts (transcripts sent in for admissions purposes are not available for advising during Orientation). You are advised (in groups) and then allowed to register. Tuition and fee payments are due by the published deadline.
- Complete the "Immunization Form." Registration is not allowed without the completion and approval of this form.
- Complete the "Free Application for Federal Student Aid" (FAFSA).

Transfer Checklist

Before Completing the A.A. or Articulated A.S.

Y___ N___ met with a pre-admission advisor (DirectConnect or Transfer & Transition Services)

Y___ N___ met with counselor or advisor for graduation check

Y___ N___ completed application for graduation

Application for Admission

___/___/___ date submitted

Y___ N___ checked admission status at <https://my.UCF.edu>

___/___/___ date of acceptance

Transcripts (original transcript from all institutions attended)

Y___ N___ transcripts sent from all current and prior institutions

Y___ N___ final transcript sent after term completed

Financial Aid/Scholarship

___/___/___ date financial aid application (FAFSA) sent

___/___/___ date SCHOLARSHIP application sent

Y___ N___ "to do" list checked on myUCF

Housing

Y___ N___ reviewed OCSS handbook: *Survival Guide for Living off Campus*

___/___/___ date application sent (include deposit when required)

Immunization

___/___/___ date Student Health Form submitted

Y___ N___ need immunizations

Foreign Language Requirements (Admission)

Y___ N___ 2 years/units earned in high school

Y___ N___ Elementary level 2 earned in college

Y___ N___ credits to be taken at the university

Note: Although American Sign Language may be used to satisfy the **UCF admission** requirement, it **may not** satisfy graduation requirements of the specific major.

Program (Major) Requirements

Y___ N___ selected a major

Y___ N___ completed major prerequisites

Y___ N___ submitted limited access application

Y___ N___ met grade point average (GPA) requirements

Y___ N___ met cumulative GPA for admission to program of study

Y___ N___ met cumulative GPA in courses taken for program of study

Y___ N___ met grade requirements for designated courses

Y___ N___ met audition/portfolio/additional admission requirements

Orientation:

___/___/___ Orientation date at UCF

Academic Advising

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 Development and Enrollment Services.

Freshman (First Time in College - FTIC)

Every incoming freshman is assigned a professional first year academic advisor. Academic advisors also collaborate with the University's Colleges and Schools, and link students to advisors in various academic programs. The assignment of a first year advising office will be based on the specialized services of each program and the student's particular needs. Academic advising is one of the most important services provided at UCF and can impact a student's successful progression to graduation.

New FTIC Students can expect to:

1. Attend a mandatory UCF Orientation that will provide:
 - a. Initial academic advising in a group setting and preparation for the first term, including schedule planning and registration

- b. An assessment of high school grades, entrance and placement test scores, and AP, dual enrollment, CLEP credit or other forms of college-level credit;
 - c. An awareness of expectations for success at UCF; and,
 - d. Information about key academic policies and important deadlines.
2. Connect with their first year advising office according to the following designated priority order:
 - a. **First Year Advising and Exploration (FYAE)** - for first year students in the EXCEL, COMPASS, LEARN Living Learning Community, STEP, Access Program and the Out of State Student Mentoring (OSSM) Living Learning Community programs and those not in a special population listed below (TCH 133)
 - b. **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. For more information about the first year advising offices and their services, please see the "Student Development and Enrollment Services" chapter of this *Undergraduate Catalog*.

3. Participate in programs and advising activities that will promote a successful transition from high school to the university.
 4. Transition to an academic advising office within the college of the student's chosen major sometime during or at the completion of the first year.

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

Majors within the College of Arts and Humanities should meet with their major/minor advisor concerning major/minor requirements and with an advisor in CAHSA regarding all other inquiries. CAHSA is located in Trevor Colbourn Hall (TCH) room 159 and advisors can be reached via email at cahsa@ucf.edu or in person by visiting CAHSA during regular business hours. Students can also access CAHSA's website at: <http://www.cahsa.cah.ucf.edu>.

New students will:

1. Meet with a CAHSA advisor in a group setting during Orientation to discuss college policies and procedures;
2. Meet with a major advisor to discuss major requirements, career opportunities, and plan a class schedule;
3. Register for classes at a central location; and,
4. Check their "Fee Invoices" to ensure accuracy of their class schedule.
5. Create and regularly check their Knights Email account.

Continuing students will:

1. Meet with their major and/or minor advisor in the department to review academic progress and plan a program of study for subsequent semesters.

Review this plan each term with their major/minor advisor and prior to registration;

2. Access their Degree Audit at least every term and understand all degree requirements;
3. Refer any questions pertaining to university credit hour requirements, degree audits, academic standing and college/university policies and procedures to CAHSA. All questions pertaining to major/minor requirements should be directed to the department advisor in the major/minor program; and,
4. Meet with their major/minor advisor to conduct a graduation review of major/minor requirements in the semester prior to the intended semester of graduation. After seeing the major/minor advisor and in the semester prior to the term of graduation, eligible students will receive an email from CAHSA indicating how to file their "Intent to Graduate" forms and in order to conduct a graduation review. Please refer to the academic calendar for the deadline to file your Intent to Graduate.
5. Regularly check their Knights Email account.

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 you intend to graduate.
2. Complete a webcourse after filing the online intent to graduate and prior to the deadline for filing the intent.
3. Maintain current contact information and regularly check their Knights email account, 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) partners with departmental faculty advisors to assist prospective and current business majors develop an educational plan that meets their career goals.

New students will:

1. 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;

2. Meet college representatives 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 a member of the OPD Advising Team to review academic progress and develop or update an academic plan, if the major is "Pre Business" and the student is classified as at least Sophomore standing.

Continuing students will:

1. Meet with a member of the OPD 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 their 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 drop/swap and add periods;
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 a member of the OPD 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' 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 the assigned 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:
 - a. Review the College of Engineering and Computer Science (CECS) academic policies and procedures
 - b. Plan an appropriate first term schedule;
2. Meet with a faculty advisor in the department of their major to:
 - a. Understand the career options of the major

- b. 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.

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. 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 <https://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 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.

Continuing students will:

1. Meet with the College of Health Professions and Sciences (CHPS) Office of Undergraduate Affairs in HPA2, room 115 each semester to check selection of program courses and progress toward graduation;
2. Meet with their academic advisor in the department of their major prior to registration, and before the beginning of the term to ensure their schedule is still appropriate;
3. Review a Degree Audit through myUCF frequently to check progress toward course requirements; and
4. File the "Intent to Graduate Form" through myUCF and meet with an advisor in the CHPS Office of Undergraduate Affairs 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) Office of Student Services and Advisement (OSSA) 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 Office of Student Services and Advisement (OSSA) in HPA2, 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 Office of Student Services and Advisement (OSSA) 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 Office of Student Services and Advisement (OSSA), by the end of the term prior to the term in which graduation will occur; and,
6. Pre-health professional students: See your OSSA and 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

**Biomedical Sciences and Biotechnology majors substitute*
BSC 3403C - Quantitative Biological Methods.

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. View a myKnight Audit through myUCF each semester; and,
4. 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:
 - a. Review the College of Engineering and Computer Science (CECS) and College of Optics and Photonics (COP) academic policies and procedures;
 - b. Plan an appropriate first term schedule
2. Meet with a faculty advisor in the department of their major to:
 - a. Understand the career options of the major;
 - b. Discuss degree program requirements

Continuing students will:

1. Meet with an advisor in the COP Academic Affairs Office, CREOL 108B;
2. Set up an appointment with an advisor to review your academic progress prior to enrollment in OSE 3200 - Geometric Optics and to develop an academic plan. Review this plan each term with the advisor prior to registration;
3. Submit a change of major in myUCF when pending requirements have been completed;
4. Use the flow diagram or four year plan received during Orientation to progress through the degree requirements;
5. View a Degree Audit, the registration appointment time, and search for classes (once the class schedule is available) through myUCF at <https://my.ucf.edu>;
6. Register at the scheduled appointment time in myUCF. Complete all schedule changes by the end of the published Add period;
7. 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,
8. 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

CSB 250; (407) 823-6131

Email: cosas@ucf.edu

<http://sciences.ucf.edu/cosas/>

Although students may have multiple advisors, College of Sciences majors must meet with an academic advisor within their major department and/or an advisor in the College of Sciences - Advising Services (COSAS) as soon as possible.

To ensure students have the tools to be successful in their major and academic goals:

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 COSS and one in the department of their major;
3. Meet with representatives of the department of the major to discuss major requirements;
4. Refer to COSAS 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.;
5. Complete their Pegasus Path prior to their first semester, seeking assistance from COSAS as needed;
6. Check their "Fee Invoices" to ensure accuracy of their class schedule;
7. Meet with an advisor in COSS or the major in their first semester.

Continuing Students will:

1. Contact the department 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. Meet with their academic advisor in the department of their major prior to registration, and before the beginning of the term to ensure their schedule is still appropriate;

3. Access the class schedule and myKnight Audit online at <https://my.ucf.edu>;
4. Resolve any HOLDS placed on their account preventing them from registering;
5. Check to be sure they are meeting all prerequisites/corequisites of courses they plan to take.
 1. 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 at the end of each term.
 2. 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;
6. Register for classes through <https://my.ucf.edu>.
 1. Special assisted registration (e.g., overrides, independent study, thesis) for COS courses must be handled in COSAS.
 2. All registration must be completed by the published deadlines (see Academic Calendar in the current UCF Catalog);
7. Refer any questions to COSAS that pertain to the myKnight Audit or Pegasus Path regarding GEP, CLEP, AP credit, Gordon Rule, university credit hour requirements, as well as policies and procedures. Questions about major requirements in the myKnight Audit should be directed to the department of their major;
8. Check their "Fee Invoices" to ensure accuracy of their class schedules; and,
9. 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 <http://sciences.ucf.edu/cosas/current-students/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 available at <http://sciences.ucf.edu/cosas/> (click on graduation button);
2. Complete the on-line graduation application on myUCF within the dates specified at <http://calendar.ucf.edu>;
3. Complete COS graduation form at <http://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 <https://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 career options and major programs of study;
3. Plan an appropriate first semester class schedule; and,
4. Review and learn how to interpret the myKnight Audit and advising resources through myUCF.

Continuing students should:

1. See a Faculty Advisor for assistance with selecting a concentration of study;
2. View degree requirements according to catalog year and course prerequisites prior to schedule planning;
3. See a Program Advisor prior to registration to review degree requirements and to make sure you are on track for graduation;
4. View a Degree Audit through myUCF and contact a program advisor in the Office of Student Services regarding questions or concerns; and,
5. 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**.

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.

Academic Regulations and Procedures

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 <https://my.ucf.edu>.

Registration is available using the myUCF at <https://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 <http://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:

- a. 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
- b. at least an equivalent amount of work as required in paragraph (a) 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
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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 <http://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 and beyond will be charged two times the tuition rate for each credit beyond 110% 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 <https://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 (<https://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 (<http://www.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 <http://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: <http://www.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 <http://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 <http://calendar.ucf.edu>. For waiver eligibility and application information, please refer to the Student Account Services website at <http://www.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 <http://www.registrar.ucf.edu/calendar>. STEP students must present a "Certification" letter to Student Account Services (MH 109) to receive waiver of eligible fees. Registration before the time specified in the "Academic Calendar" online at <http://www.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 <http://calendar.ucf.edu>. Students should visit the Registrar's Office website at <http://www.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.

Enrollment and Degree Verifications

Students may obtain their enrollment verification online through myUCF at <https://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.

Withdrawal Policy

The Withdrawal period for each term begins after the Drop/Swap deadline noted in the "Academic Calendar" online at <http://calendar.ucf.edu>. Students remain fee liable for any courses from which they withdraw unless the university approves a medical withdrawal or late drop (as explained below). Students may withdraw from a course and receive the notation of "W" until the deadline noted in the Academic Calendar. A student may withdraw from courses using myUCF at <https://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 (MH 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, grades of Withdrawn Passing (WP) or Withdrawn Failing (WF) will be recorded as assigned by the instructor(s) of the course(s). A grade of "WF" will affect the calculation of the student's Grade

Point Average. A grade of "WP" will not affect the calculation of the student's Grade Point Average. 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.

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+	2.20
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 2014C. 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	-
WF	Withdrawn Failing	0.00
WH	Health Form Withdrawal	-
WM	Medical Withdrawal	-
WP	Withdrawn Passing	-
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 <http://z.ucf.edu/>.

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, 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
				46 total
= 13 credit hours				= grade points

2. 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 $(162 + 46) / (54 + 13) = 3.10$.

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."

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 Reports

Grades are available from myUCF at <https://my.ucf.edu>.

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.

Classroom Responsibility

Students are responsible for maintaining classroom decorum appropriate to the educational environment. When the conduct of a student or group of students varies from acceptable standards and becomes disruptive to normal classroom procedures, the instructor has the authority to remove the offending party from the room and refer the student to the Office of Student Conduct (FC 142) for disciplinary action.

In the event of academic dishonesty, faculty members 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 <http://z.ucf.edu/>.

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.

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, college, or university 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.

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 <http://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*.

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 <http://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 <http://registrar.ucf.edu>.

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 <https://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 <http://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).

Academic Standing

All academic actions are shown on myUCF at <https://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.

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.

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 <https://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 regionally accredited institution 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 regionally accredited institution 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:
 - a. 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).

- b. 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.

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 not eligible for readmission to the University**. The Registrar's Office will deny readmission to ineligible students. 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. 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.

Dropping or Withdrawing During Readmitted Term

Disqualified or excluded students who drop or withdraw from all courses during the readmitted term for whatever 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."

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.
 - a. 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).

- b. 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:
 - a. A completed "Application for Readmission as an Exception to University Policy Form";
 - b. Written statement indicating the extenuating reasons for the previous academic difficulties and a plan for ensuring success in future terms;
 - c. Any supporting documentation as directed by the college, school or other University personnel;
 - d. 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.

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:
 - a. The specific terms of the student's academic history to be nullified by satisfactory completion of the Academic Amnesty Program;
 - b. Approved courses in which the student will enroll during the two terms that comprise the Academic Amnesty Program;
 - c. Any additional requirements mandated by the college advising office (i.e., academic advising or mentoring, required tutoring or academic support services, etc.); and,
 - d. 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.

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.

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 <http://www.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.

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.

Transcript Requests

Requests for official transcripts must be made online via myUCF (<https://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: <http://registrar.ucf.edu/transcript-request>.

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 (MH 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 (MH 109) at 407-823-2433.

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). An administrative Hold to prevent future university registration will be placed on the records of all students that have not declared a major. Students must meet with an academic advisor (within Student Development and Enrollment Services, the Colleges, or Regional campuses) to have the hold released.

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 <https://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 <https://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 <https://my.ucf.edu>.

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.

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 Avenue, 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 <https://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 <http://www.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/fpco/>.

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 (MH 161) or from <http://www.registrar.ucf.edu/hea/>.

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 is applied according to the published policy at the time the exam is taken.

Advanced Placement Program (AP) (see table)

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)

Advanced Placement (AP)

Exam	Score of 3	GEP Usage	Score of 4	Score of 5	GEP Usage
Art History	ARH 1000	CUL & HIS Found 2	ARH 1000 and ARH 2051 or ARH 2050 and ARH 2051	Same as 4	CUL & HIS Found 2
Biology	BSC 1005/BSC 1005L	SCI Found 2	BSC 2010C	BSC 2010C and BSC 2011C	SCI Found 2
Calculus AB	MAC 2311	MAT Found 1	Same as 3	Same as 3	MAT Found 1

Calculus BC*	MAC 2311	MAT Found 1	MAC 2311 and MAC 2312	Same as 4	MAT Found 1
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	SCI Found 1
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	MAT Found 2
Computer Science AB	CGS 1076	MAT Found 2	Same as 3	Same as 3	MAT Found 2
Economics: Macro	ECO 2013	SOC Found 1	Same as 3	Same as 3	SOC Found 1
Economics: Micro	ECO 2023	SOC Found 1	Same as 3	Same as 3	SOC Found 1
English Language and Composition	ENC 1101	COM Found 1	ENC 1101 and ENC 1102	Same as 4	COM Found 1 and 2
English Literature and Composition	ENC 1101	COM Found 1	ENC 1101 and LIT 1005#	Same as 4	COM Found 1 and 2 or COM Found 1 and CUL and HIST Found 2
Environmental Science	ISC 1051	SCI Found 2	Same as 3	Same as 3	SCI Found 2
European History	EUH 1009		EUH 2000 and EUH 2001	Same as 4	CUL and HIS Found 1 and 3
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 1	Same as 3	Same as 3	SOC Found 1

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 MUT 1111 and MUT 1241 if both aural and non-aural subscores are 3 or higher		Same as 3	Same as 3	
Physics 1	PHY 2053C	SCI Found 1	Same as 3	Same as 3	SCI Found 1
Physics 2	PHY 2054C	SCI Found 1	Same as 3	Same as 3	SCI Found 1
Physics B	PHY 2053C	SCI Found 1	PHY 2053C and PHY 2054C	Same as 4	SCI Found 1
Physics C: Electricity/Magnetism	PHY 2054C	SCI Found 1	PHY 2049C	Same as 4	SCI Found 1
Physics C: Mechanics	PHY 2053C	SCI Found 1	PHY 2048C	Same as 4	SCI Found 1
Psychology	PSY 2012	SOC Found 2	Same as 3	Same as 3	SOC Found 2
Spanish Language	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	MAT Found 2
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 3	
World History	WOH 2022	CUL & HIS Found 1	Same as 3	Same as 4	CUL & HIS Found 1 & 3 and SOC Found 1
				Same as 3	CUL & HIS Found 1

*The AB subscore on the Calculus BC exam is regarded the same as a Calculus AB score.

#If the student has previous credit for ENC 1101 and ENC 1102, credit will be awarded for LIT 1005.

International Baccalaureate Program (see table)

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 (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).

International Baccalaureate

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
Business 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 1
Ecosystems and Societies	EVR 1017		EVR 1017 and 1906	
English A1	ENC 1101	COM Found 1	ENC 1101 and ENC 1102	COM Found 1 and 2
English Language A: Language and Literature	ENC 1101	COM Found 1	ENC 1101 and ENC 1102	COM Found 1 and 2
English Literature A: Literature	LIT 1000	CUL & HIS Found 2	ENC 1141 and LIT 1000	COM Found 1 and CUL & HIS FOUND 2
Environmental Systems	EVR 2001	SCI Found 2	EVR 2001 and 1906	SCI Found 2
Film Studies	FIL 1001	CUL and HIS Found 2	FIL 1001 and 1002	CUL and HIS Found 2
French	FRE 1121C		FRE 1121C and FRE 2200	
Further Mathematics (Advanced Mathematics)	MHF 1202	MAT Found 1	MHF 1202 and 1209	MAT Found 1
Geography	GEA 1000		GEO 1200 and 1400	SCI Found 2
German	GER 1121C		GER 1121C and GER 2200	
History SL	WOH 1030	CUL & HIS Found 1	WOH 1030	CUL & HIS Found 1
History/Africa & Middle East	WOH 1030	CUL & HIS Found 1	WOH 1030 and WOH 1031	CUL & HIS Found 1
History/America	WOH 1030	CUL & HIS Found 1	WOH 1030 and AMH 2020	CUL & HIS Found 1 and SOC Found 2 (Does not meet Civic Literacy)

History/Asia & Oceania	WOH 1030	CUL & HIS Found 1	WOH 1030 and WOH 1031	CUL & HIS Found 1
History/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	ITA 1121C		ITA 1121C and ITA 2200	
Latin	LAT 2230		LAT 2230 and 1906	
Literature & Performance	THE 1300	CUL & HIS Found 2	Same as 4	
Marine Science	BSC 2311/2311L (3 credits)		Same as 4 (min of 6 credits)	
Math Methods	MAC 1105C	MAT Found 1	MAC 1105C and MAC 1140C	MAT Found 1
Math Studies	MAT 1033C		MAT 1033C and MGF 1106	MAT Found 1
Math 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 1020C	SCI Found 1	PHY 2053C and PHY 2054C	SCI Found 1
Psychology	PSY 2012	SOC Found 2	PSY 2012 and 1906	SOC Found 2
Social Anthropology*	ANT 2410	SOC Found 2	ANT 2410 and 1906	SOC Found 2
Spanish	SPN 1121C		SPN 1121C and 2230	
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	

*This use for General Education applies only to I.B. credit.

College Level Examination Program (CLEP) (see table)

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.

College Level Examination Program (CLEP)

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 1

American Literature	AML 1000	CUL & HIS Found 2	
Biology, General	BSC 1005	SCI Found 2	
Business Law, Introduction to	BUL 1241		
Calculus	MAC 2233	MAT Found 1	
Chemistry, General	CHM 1020	SCI Found 1	
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 earns FRE 1120C and FRE 1121C
German Language	GER 1120C		Score of 60 or higher earns GER 1120C and GER 1121C
History of the United States I: Early Colonizations to 1877	AMH 2010	CUL & HIS Found 1 or 3	
History of the United States II: 1865 to Present	AMH 2020	SOC Found 1	
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 1	
Precalculus	MAC 1140C	MAT Found 1	
Psychology, Introductory	PSY 2012	SOC Found 2	

Sociology, Introductory	SYG 2000	SOC Found 2	
Spanish Language	SPN 1120C		Score of 63 or higher earns SPN 1120C and SPN 1121C
Trigonometry	MAC 1114C	MAT Found 1	
Western Civilization I: Ancient Near East to 1648	EUH 2000	CUL & HIS Found 1 or 3	
Western Civilization II: 1648 to Present	EUH 2001	CUL & HIS Found 1 or 3	

Cambridge AICE Exams (see table)

The Advanced International Certificate of Education (AICE) program is an international, advanced secondary 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>.

Cambridge AICE Exams

Exams	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)	CSG 1073 and CGS 1074	MAT Found 2
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 1
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 either ENC 1102 or ENL 2022	COM Found 1 and 2 or COM Found 1 and CUL and HIST Found 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	
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 2
Psychology (A-Level)	PSY 2012 and PSY 1906	SOC Found 2

Sociology (AS-Level)	SYG 2000	SOC Found 2
Sociology (A-Level)	SYG 2000	SOC Found 2
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	

*If the student has previous credit for ENC 1101, credit will be awarded for ENC 1102.

DANTES Examination Credit (see table)

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>.

DANTES Subject Standardized Tests (DSST)

Exam	Course Number	GEP Usage	Passing Grade Credit	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
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
Ethics in America	PHI1630		46	400
Foundations of Education	EDF 1002		46	
Fundamentals of College Algebra	MAT 1033C		47	400
Fundamentals of Counseling	PCO 1202		45	
Fundamentals of Cyber Security	CIS 1354			400
General Anthropology	ANT 2000	SOC Found 2	47	
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	
Human Resources Management	MAN 1300		46	400
Human/Cultural Geography	GEO 1400		48	
Intro to Computing	CGS 1060C	MAT Found 2	45	400
Intro to the Modern Middle East	ASH 2044		47	400
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
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			
Principles of Physical Science I	PSC 1121	SCI Found 1	47	400
Principles of Public Speaking	SPC 1600	COM Found 3	47	400
Principles of Statistics	STA 2014C	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

Excelsior College Examinations (see table)

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>.

Excelsior College Examinations Table

Exam Title	Course Number (3 credits per course)	GEP Usage	Passing Grade Credit
Abnormal Psychology	CLP 1140		C
Earth Science	ESC 1000	SCI Found 2	C
English Composition	ENC 1101	COM Found 1	C
Ethics: Theory and Practice	PHI 1630		C
Foundations of Gerontology	GEY 1000		C
Human Resources Management	MAN 1300		C
Introduction to Music	MUH 1011		C
Labor Relations	MAN 1400		C
Life Span Developmental Psychology	DEP 2004		C
Managerial Accounting	ACG 2071		C
Microbiology	MCB 1000		C
Principles of Marketing	MAR 2011		C
Psychology of Adulthood and Aging	DEP 1401		C
Workplace Communication with Computers	OST 2335		C

UExcel Credit by Examination (see table)

The table labeled "UExcel Credit by Examination" provides information related to the UExcel program developed jointly by Excelsior College and Pearson. More

detailed information about the UExcel program, including test descriptions can be found online at <http://www.uexceltest.com/about-uexcel>.

UExcel Credit by Examination

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

Undergraduate Degree Requirements

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 48 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 are within at least 15 credit hours of completion of all requirements or are in the final term of completion of all their requirements.

Choice of Catalog (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 (MH 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 (MH 161). This form is available at the Registrar's Office or online at <http://www.registrar.ucf.edu>.

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.

Substitution of Courses: General Education Program and Other Requirements

The student degree audit system is coordinated by the Office of Academic Services for the evaluation of transfer courses for the University's General Education Program and Foreign Language Proficiency requirements. When the transfer course work is entered into the UCF computer system (usually during the first semester at UCF), course descriptions and other information to provide a sufficient basis for evaluation may be requested. Courses are evaluated on the basis of equivalency with the content of the courses required by the University. The evaluation conducted is entered into a computerized Degree Audit system and then is available to the colleges and

departments through the University's computer network and for the student online access through myUCF at <https://my.ucf.edu>. Appeals of transfer credit decisions should be directed to Academic Services (MH 210). Substitution requests for college or major requirements are processed within those administrative offices.

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.

General Education Program (GEP) Courses

(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)

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 - 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 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 2014C - 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)

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.

Mathematical Foundation: MAC 1114C, MAC 1140C

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

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.

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.

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

Gordon Rule Requirement:

1. Six hours of mathematics at the level of college algebra or higher

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.

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:

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

(1) Six hours of English Composition

and Six hours of additional

(2) Six hours of specifically identified courses

college-level writing 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

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.

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 <http://www.academicsservices.ucf.edu/summer-waiver/>.

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.)

Graduation Application Deadline

Students must complete the "Intent to Graduate" online at <https://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. Graduating students must be enrolled at UCF during the term of graduation. Graduates may contact the Registrar's Office for Commencement ceremony and guest ticket information or refer to <http://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.

Correspondence Courses

The University of Florida's Division of Continuing Education, Department of Independent Study by Correspondence administers all correspondence instruction for the State University System of Florida (SUS). College credit, high school credit, and continuing professional education courses are available through regular mail and Fax (several by email). Independent Study offers more than 150 courses to students who would like a flexible schedule or an opportunity to take extra classes. It is possible to enroll any time during the year.

In 1996, the State revised the General Provisions Rule 64-4.002, at the Bureau of Teacher Certification for the State of Florida. Any teacher in the state now can use credit correspondence courses, as appropriate, to apply toward the recertification of the teaching license. Moreover, there is no limit to the number of courses that may fulfill the requirements.

The current Catalog details enrollment procedures, fees, and course information. A copy may be obtained at no cost by calling or writing to: University of Florida, Independent Study, Suite D, 2209 NW 13th St., Gainesville, FL 32609; 352-392-1711, Ext. 200; Email: learn@nervm.nerdc.ufl.edu. Website: <http://www.doce.ufl.edu>.

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.

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.

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 regionally accredited four-year U.S. institutions 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 regionally accredited U.S. institutions are considered to have completed Gordon Rule, foreign languages, and General Education Program Requirements. Students who hold degrees from non-regionally accredited U.S. institutions and foreign institutions may be required by the Office of Academic Services (MH 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.

The Burnett Honors College

Dean: Sheila Amin Gutiérrez de Piñeres
407-823-5855; Fax: 407-823-6583
<https://honors.ucf.edu>

Associate Dean: Martin Dupuis
Interim Associate Dean: Ronnie Korosec
Director of Budget and Personnel: Lesanne Brunswick
Director of Academic Advising: Rex Roberts
Director of Information Systems: Michael T. Callahan
Director of Prestigious Awards: Morgan Bauer
Director of Honors Research: Padmini Coopamah Waldron
Director of Student Services: Madi Dogariu

The Burnett Honors College (BHC) combines the intimacy of a small liberal arts college with the benefits of a large research university located in a metropolitan environment. The mission of the College is to provide UCF's most academically talented and motivated students with a challenging and unique scholarly experience, creating a strong foundation for future achievements. The College strives to create a diverse learning community that fosters the pursuit of excellence, ethical, social, and civic responsibility, personal growth, and a passion for life-long learning.

Honors classes are small, and coursework crosses traditional disciplinary boundaries to encourage critical thinking. Beyond the classroom, special guest lecturers, field trips, study abroad, research opportunities, and university-related service activities expand the horizons of Honors students.

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.

Students may pursue Honors through two distinct programs, University Honors and Honors Undergraduate Thesis.

University Honors

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 Honors 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 honors.admissions@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 Honors Office of Student Services at <https://honors.ucf.edu/admissions>.

University Honors students must take EIGHT Honors courses total by the time they graduate. Students must also maintain a 3.2 UCF GPA and a 3.0 Honors 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 of 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:	IDH 1920H, Honors Symposium, is a mandatory one-credit hour course required for all FTIC University Honors students. This course includes guest lectures and discussions.
Lower-division:	Four courses, ENC 1101 and ENC 1102 must be taken in Honors sections if the student does not have

alternative credit for them at the time they are admitted to the University Honors program. Extra upper-division courses/seminars can substitute for lower-division courses

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.

Upper-division:

Note

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

Honors Undergraduate Thesis

The Honors Undergraduate Thesis program allows students to undertake original and independent research as principal investigators 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. Following specified criteria, engineering students may choose to use their Senior Design project as basis for a thesis.

Honors in Research/Honors in Creative Inquiry

This interdisciplinary track 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 <https://honors.ucf.edu/research/>.

Note

A collection of completed Honors Undergraduate Theses can be found online at <http://stars.library.ucf.edu/honorsthesis/>.

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 <https://opa.ucf.edu/> or contact OPA by phone at 407-823-4019, in TCH 248, or by email at opa@ucf.edu.

College of Arts and Humanities

Dean: Jeffrey Moore
CAH 190; 407-823-2251
<http://www.cah.ucf.edu/>

Executive Associate Dean: Lyman Brodie
CAH 190; 407-823-2251

Associate Dean: Lynn Hepner
CAH 190; 407-823-2251

Associate Dean: Nancy Stanlick
CAH 190; 407-823-2251

Assistant Dean: Cathy Radzai
CAH 190; 407-823-2251

Assistant to the Dean: Paul Lartonoix

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. Additionally, the college shares with the College of Sciences oversight for the Nicholson School of Communication and Media, an interdisciplinary, inter-college unit. 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 75 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 area of specialization. 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 159; 407-823-3312
Email: cahsa@ucf.edu
<http://cahsa.cah.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. Questions concerning University and College academic policies affecting College of Arts and Humanities majors should be addressed via email to cahsa@ucf.edu or to the CAHSA staff by visiting TCH 159. 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 <http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click [here](#). All Undergraduate programs for the College of Arts and Humanities are listed below.

Department of English

Chair: Trey Philpotts
Trevor Colbourn Hall 250A; 407-823-5596
Email: english@ucf.edu
<http://www.english.cah.ucf.edu/>

Faculty: Anglely, Applen, Bartkevicius, Beck, Bishop, Campbell, Casmier-Paz, Cato, Flammia, Fogarty, Glasshoff, Gleyzon, Grajeda, Hasanat, Hicks, Hohenleitner, A. Jones, Kamrath, Kolaya, Lillios, Logan, Mathes, Mauer, Meehan, Moody, Morton, Neal, Nwakanma, Peynado, Philpotts, Poissant, Pugh, Rodriguez-Milanes, Roney, Schell, Stephens, Telep, Thaxton, Trouard, Uttich, Wolff, Young; Professors Emeriti: Adicks, Barnes, Dombrowski, D. Jones, Omans, Schiffhorst

The Department of English is responsible for the effective teaching of language and literature in English, including World Literature, Linguistics, rhetoric, and creative, expository, and technical writing. Students may concentrate in creative writing, technical communication, or literature. The Department serves the broad needs of the University with course offerings in writing and literature for students from other departments. The department also publishes *The Florida Review*, *The Cypress Dome*, and *The Faulkner Journal*. An Honors in English program provides an enriched course of study for exceptional students, leading to graduation with honors. Program description follows concentration in degree plans.

Major

English, Creative Writing (B.A.)

College of Arts and Humanities
Department of English, Trevor Colbourn Hall, Room: 250A
<http://english.ucf.edu>
Email: english@ucf.edu

Dr. Trey Philpotts
Phone: 407-823-5596

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 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 and Historical Foundations (9 Credit Hours)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Preferred)
- LIT 2110 - World Literature I **Credit Hours: 3** (Preferred)
- LIT 2120 - World Literature II **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundation (6 Credit Hours)

- AST 2002 - Astronomy **Credit Hours: 3** (Suggested)
- ANT 2511 - The Human Species **Credit Hours: 3** (Suggested)

Common Program Prerequisites (CPP)

- ENC 1101 - Composition I **Credit Hours: 3** (GEP) ¹
- ENC 1102 - Composition II **Credit Hours: 3** (GEP)
¹ See Transfer Notes for possible substitutions. See "Common Prerequisites" in the Transfer and Transition Services section for more information.

Core Requirements: Basic Level (9 Credit Hours)

- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**
- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3** ¹

¹ This is a prerequisite for all 4000 level AML, ENG, ENL, or LIT courses

- CRW 3053 - Theory & Practice of Creative Writing **Credit Hours: 3**

Core Requirements: Advanced Level (12 Credit Hours)

- Literary History Requirement
- Choose four courses total from these two groupings

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.

Select One: (3 Credit Hours)

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3613 - Narratives of Slavery **Credit Hours: 3**
- ENL 2012 - English Literature I **Credit Hours: 3**
- ENL 3220 - English Renaissance Poetry and Prose **Credit Hours: 3**
- ENL 4230 - Eighteenth-Century Studies **Credit Hours: 3**
- ENL 4240 - English Romantic Writers **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**
- AML 3286 - Early American Women's Words **Credit Hours: 3**
- AML 3640 - Native American Literature **Credit Hours: 3**
- LIT 4374 - Literature of the Bible **Credit Hours: 3**
- ENL 3296 - Gothic Literature **Credit Hours: 3**

Select at least one of these post-1865 literature courses

Select One: (3 Credit Hours)

Each semester, additional courses may satisfy this requirement. Check with an advisor for details.

- AML 3041 - American Literature II **Credit Hours: 3**
- AML 3283 - Contemporary American Women's Fiction **Credit Hours: 3**
- AML 3614 - Topics in African-American Literature **Credit Hours: 3**
- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**
- AML 4101 - American Novel **Credit Hours: 3**
- 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 4321 - Modern American Literature **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**
- ENL 2022 - English Literature II **Credit Hours: 3**
- ENL 4101 - English Novel **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**
- LIT 3082 - Continental European Fiction Since 1900 **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**
- LIT 4043 - Modern Drama As Literature **Credit Hours: 3**
- LIT 4184 - Irish Literature **Credit Hours: 3**
- LIT 4303 - Post-World War II Fiction **Credit Hours: 3**
- LIT 3823 - Hispanic Women Writers **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- 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.

Choose two of the following: (6 Credit Hours)

A. Select Two: (6 Credit Hours)

- 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**

Choose two of the following: (6 Credit Hours)

B. Select Two: (6 Credit Hours)

- CRW 4122 - Advanced Fiction Writing Workshop **Credit Hours: 3**
- CRW 4224 - Advanced Nonfiction Workshop **Credit Hours: 3**¹
¹ May take ENC 4360 - Nature Writing instead of CRW 4224 but not both.
- CRW 4320 - Advanced Poetry Writing Workshop **Credit Hours: 3**
- CRW 4616 - Advanced Scriptwriting Workshop **Credit Hours: 3**

Choose one of the following: (3 Credit Hours)

C. Select One: (3 Credit Hours)

- CRW 3311 - Readings in Poetry for Creative Writing **Credit Hours: 3**
- CRW 3540 - Literary Magazines **Credit Hours: 3**
- CRW 4114 - History of Prose Style **Credit Hours: 3**
- CRW 4724 - The Florida Review **Credit Hours: 3**
- CRW 4722 - Editing for Creative Writers **Credit Hours: 3**

- any other CRW elective or Special Topics course **Credit Hours: 3**

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

- None

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/alac/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, Literature (B.A.)

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<http://english.ucf.edu>

Email: english@ucf.edu

Dr. Trey Philpotts

Phone: 407-823-5596

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 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)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Preferred)
- LIT 2110 - World Literature I **Credit Hours: 3** (Preferred)
- LIT 2120 - World Literature II **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list 3

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

- AST 2002 - Astronomy **Credit Hours: 3** (Suggested)
- ANT 2511 - The Human Species **Credit Hours: 3** (Suggested)

Common Program Prerequisites (CPP)

- ENC 1101 - Composition I **Credit Hours: 3** (GEP) ¹
- ENC 1102 - Composition II **Credit Hours: 3** (GEP) ¹

¹ See transfer notes for possible substitutions.

Core Requirements: Basic Level (6 Credit Hours)

- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3** ¹
¹ Prerequisite for all 4000 level AML, ENG, ENL, or LIT courses

Choose one gateway course (3 Credit Hours)

- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- CRW 3053 - Theory & Practice of Creative Writing **Credit Hours: 3**
- LIT 3212 - Research & Writing About Literature **Credit Hours: 3**

Core Requirements: Advanced Level (15 Credit Hours)

- Literary History Requirement
- Choose five courses from the two groupings

Select at least two pre-1865 literature courses (6 Credit Hours)

- Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.

Select Two: (6 Credit Hours)

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3613 - Narratives of Slavery **Credit Hours: 3**
- ENL 2012 - English Literature I **Credit Hours: 3**
- ENL 3220 - English Renaissance Poetry and Prose **Credit Hours: 3**
- ENL 4230 - Eighteenth-Century Studies **Credit Hours: 3**
- ENL 4240 - English Romantic Writers **Credit Hours: 3**
- LIT 4374 - Literature of the Bible **Credit Hours: 3**
- AML 3286 - Early American Women's Words **Credit Hours: 3**
- AML 3640 - Native American Literature **Credit Hours: 3**
- ENL 3296 - Gothic Literature **Credit Hours: 3**

Select at least two post-1865 literature courses (6 Credit Hours)

- Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.

Select Two: (6 Credit Hours)

- AML 3041 - American Literature II **Credit Hours: 3**
- AML 3283 - Contemporary American Women's Fiction **Credit Hours: 3**
- AML 3614 - Topics in African-American Literature **Credit Hours: 3**
- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**
- AML 4101 - American Novel **Credit Hours: 3**
- 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 4321 - Modern American Literature **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**
- ENL 2022 - English Literature II **Credit Hours: 3**
- ENL 4101 - English Novel **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**
- LIT 3082 - Continental European Fiction Since 1900 **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**
- LIT 4043 - Modern Drama As Literature **Credit Hours: 3**
- LIT 4184 - Irish Literature **Credit Hours: 3**
- LIT 4303 - Post-World War II Fiction **Credit Hours: 3**
- LIT 3823 - Hispanic Women Writers **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- Upper Division Requirements
- A list of approved restricted elective courses is found in the myKnight audit.

Choose one single author or major author course: (3 Credit Hours)

Select One: (3 Credit Hours)

- AML 4300 - Major American Authors **Credit Hours: 3**
- ENL 4311 - Chaucer **Credit Hours: 3**
- ENL 4341 - Milton and His Age **Credit Hours: 3**
- ENL 4333 - Shakespeare Studies **Credit Hours: 3**
- ENL 4303 - British Authors **Credit Hours: 3**
- LIT 4244 - World Authors **Credit Hours: 3**

Choose one linguistics or theory course: (3 Credit Hours)

Select One: (3 Credit Hours)

- ENG 3010 - Practical Criticism **Credit Hours: 3**
- LIN 3010 - Principles of Linguistics **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**
- LIN 4660 - Linguistics and Literature **Credit Hours: 3**
- LIN 4680 - Modern English Grammar **Credit Hours: 3**
- LIT 4554 - Advanced Feminist Theories **Credit Hours: 3**

Three additional upper level courses (9 Credit Hours)

- AML, ENL, LIT or ENG prefix

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

- None

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.oas.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, Technical Communication (B.A.)

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<http://english.ucf.edu>

Email: english@ucf.edu

Dr. Trey Philpotts

Phone: 407-823-5596

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.
- Co-op or internship credit cannot be used in this 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 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)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Suggested)
- LIT 2110 - World Literature I **Credit Hours: 3** (Suggested)
- LIT 2120 - World Literature II **Credit Hours: 3** (Suggested)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

- AST 2002 - Astronomy **Credit Hours: 3** (Suggested)
- ANT 2511 - The Human Species **Credit Hours: 3** (Suggested)

Common Program Prerequisites (CPP)

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)

Core Requirements: Basic Level (6 Credit Hours)

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**

Select One: (3 Credit Hours)

- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**

- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**
- CRW 3053 - Theory & Practice of Creative Writing **Credit Hours: 3**

Core Requirements: Advanced Level (15 Credit Hours)

- ENC 4280 - Technical Writing Style **Credit Hours: 3**
- ENC 4293 - Documentation and Project Management **Credit Hours: 3**
- ENC 4294 - Client-Based Project Management **Credit Hours: 3**
- LIT 4433 - Literature of Science and Technology **Credit Hours: 3**

Select One: (3 Credit Hours)

- ENC 4215 - Document Design and Publication **Credit Hours: 3**
- ENC 4218 - Visual Technical Communication **Credit Hours: 3**

Literary History Requirement (9 Credit Hours)

- Choose three courses from these two groupings

Select at least one of these pre-1865 literature courses

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3613 - Narratives of Slavery **Credit Hours: 3**
- ENL 2012 - English Literature I **Credit Hours: 3**
- ENL 3220 - English Renaissance Poetry and Prose **Credit Hours: 3**
- ENL 4230 - Eighteenth-Century Studies **Credit Hours: 3**
- ENL 4240 - English Romantic Writers **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**
- LIT 4374 - Literature of the Bible **Credit Hours: 3**
- AML 3286 - Early American Women's Words **Credit Hours: 3**
- AML 3640 - Native American Literature **Credit Hours: 3**
- ENL 3296 - Gothic Literature **Credit Hours: 3**

Select at least one of these post 1865 literature courses

- AML 3041 - American Literature II **Credit Hours: 3**
- AML 3283 - Contemporary American Women's Fiction **Credit Hours: 3**
- AML 3614 - Topics in African-American Literature **Credit Hours: 3**
- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- AML 4101 - American Novel **Credit Hours: 3**
- 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 4321 - Modern American Literature **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**
- ENL 2022 - English Literature II **Credit Hours: 3**
- ENL 4101 - English Novel **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**
- LIT 3082 - Continental European Fiction Since 1900 **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**
- LIT 4043 - Modern Drama As Literature **Credit Hours: 3**
- LIT 4184 - Irish Literature **Credit Hours: 3**
- LIT 4303 - Post-World War II Fiction **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**

- LIT 3823 - Hispanic Women Writers **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- A list of approved restricted elective courses is found in the myKnight audit

Select Two: (6 Credit Hours)

- ENC 4262 - International Technical Communication **Credit Hours: 3**
- ENC 4265 - Writing for the Computer Industry **Credit Hours: 3**
- ENC 4290 - Usability Testing for Technical Communication **Credit Hours: 3**
- ENC 4414 - Writing and Hypertext **Credit Hours: 3**
- ENC 4298 - Technical Communication for the Virtual Workplace **Credit Hours: 3**
- ENC 4415 - Digital Rhetorics and The Modern Dialectic **Credit Hours: 3**
- ENC 4219 - Technical Communication and Plain Language **Credit Hours: 3**

Optional course:

- ENC 4941 - Internship **Credit Hours: 1**

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

- None

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, and each having a 6,000 word requirement. 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.oas.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 Diversity 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**

Minor

Digital Humanities Minor

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<http://english.ucf.edu>

Email: english@ucf.edu

Dr. Pat Angley

Phone: 407-823-5596

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- HUM 3830 - Introduction to Digital Humanities **Credit Hours: 3**
- DIG 3171 - Tools for Digital Humanities **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

- 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 (6 Credit Hours)

Select two from the following:

- CRW 3713 - Writing for Video Games **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**
- ENG 3817 - Digital Archives **Credit Hours: 3**
- ENC 4414 - Writing and Hypertext **Credit Hours: 3**
- ENC 4290 - Usability Testing for Technical Communication **Credit Hours: 3**
- DIG 3043 - Evolution of Video Games **Credit Hours: 3**
- FIL 4040 - Animation Film History for Non Film Majors **Credit Hours: 3**

Theory and Critique (6 Credit Hours)

Select two from the following:

- AMH 4644 - Viewing American History in the Twentieth Century **Credit Hours: 3**
- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3**

- ENC 3417 - Literacy and Technology **Credit Hours: 3**
- HIS 4150 - History and Historians **Credit Hours: 3**
- PHI 3323 - Minds and Machines: Philosophy of Cognitive Science **Credit Hours: 3**
- PHI 3625 - Virtual Ethics **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **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 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.

English, Creative Writing Minor

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<http://english.ucf.edu/>

Email: english@ucf.edu

Dr. Trey Philpotts

Phone: 407-823-5596

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**
- CRW 3053 - Theory & Practice of Creative Writing **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- 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.

Select one course after completing CRW 3013

- 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**

Select one course

- 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**

Restricted Upper Division Electives-- select two courses (6 Credit Hours)

- CRW 3311 - Readings in Poetry for Creative Writing **Credit Hours: 3**
- CRW 3540 - Literary Magazines **Credit Hours: 3**
- CRW 4114 - History of Prose Style **Credit Hours: 3**
- CRW 4724 - The Florida Review **Credit Hours: 3**
- ENC 3310 - Magazine Writing I **Credit Hours: 3**
- CRW 4722 - Editing for Creative Writers **Credit Hours: 3**
- CRW 6806C - Teaching Creative Writing **Credit Hours: 3**
- Any other CRW elective or Special Topics course **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 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 of Arts and Humanities
Department of English, Trevor Colbourn Hall, Room:
250A

<http://english.ucf.edu/>

Email: english@ucf.edu

Dr. Trey Philpotts
Phone: 407-823-5596

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (9 Credit Hours)

- LIN 3010 - Principles of Linguistics **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**
- LIN 4680 - Modern English Grammar **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit

- LIN 4660 - Linguistics and Literature **Credit Hours: 3**
- LIN 4801 - Language and Meaning **Credit Hours: 3**
- LIN 5137 - Linguistics **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- PHI 4400 - Philosophy of Science **Credit Hours: 3**
- PHI 4221 - Philosophy of Language **Credit Hours: 3**
- SPA 3112 - Basic Phonetics **Credit Hours: 3**
- Or any course approved by the Linguistics Committee **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 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, Literature Minor

College of Arts and Humanities
Department of English, Trevor Colbourn Hall, Room:
250A

<http://english.ucf.edu/>

Email: english@ucf.edu

Dr. Trey Philpotts

Phone: 407-823-5596

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (3 Credit Hours)

- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**¹
¹ PR for all 4000 level AML, ENG, ENL, and LIT courses

Restricted Electives (15 Credit Hours)

- 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

- None

Total Undergraduate Credit Hours Required: 18

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 Minor

College of Arts and Humanities
Department of English, Trevor Colbourn Hall, Room 250A

<http://english.ucf.edu/>

Email: english@ucf.edu

Dr. Trey Philpotts

Phone: 407-823-5596

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (12 credit hours)

Complete these four courses (12 credit hours)

- ENC 4293 - Documentation and Project Management **Credit Hours: 3**
- ENC 4294 - Client-Based Project Management **Credit Hours: 3**
- ENC 4280 - Technical Writing Style **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**

Select 1 (3 credit hours):

- ENC 4215 - Document Design and Publication **Credit Hours: 3**
- ENC 4218 - Visual Technical Communication **Credit Hours: 3**

Restricted Electives (3 credit hours)

Choose one of the following:

- ENC 4219 - Technical Communication and Plain Language **Credit Hours: 3**
- ENC 4262 - International Technical Communication **Credit Hours: 3**
- ENC 4265 - Writing for the Computer Industry **Credit Hours: 3**
- ENC 4290 - Usability Testing for Technical Communication **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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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 of Arts and Humanities
Department of English, Trevor Colbourn Hall, Room:
250A
<http://english.ucf.edu>
Email: english@ucf.edu

407-823-5596
Jim Clark, James.Clark@ucf.edu

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

Restricted Electives (18 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Courses used in the minor must be taken in at least three departments. Select from the following list:

- AMH 3422 - Frontier Florida **Credit Hours: 3**
- AMH 3425 - Sunbelt Florida **Credit Hours: 3**
- AMH 4376 - U.S. Space History **Credit Hours: 3**
- AML 4261 - Literature of the South **Credit Hours: 3**
- AML 4265 - Florida Writers **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **Credit Hours: 3**
- AMH 3483 - History of Florida Indians **Credit Hours: 3**
- ANT 4303 - Anthropology of Tourism **Credit Hours: 3**
- ARH 3683 - Southern Folk Arts **Credit Hours: 3**
- LAH 4136 - Colonial Florida **Credit Hours: 3**
- POS 3173 - Southern Politics **Credit Hours: 3**
- POS 3182 - Florida Politics **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 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.

Medieval and Renaissance Studies Minor

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<https://medieval.cah.ucf.edu/>

Dr. Tison Pugh, Tison.Pugh@ucf.edu

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.

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**

Department of English

- 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**
- LIT 3132 - Legend & Literature of King Arthur **Credit Hours: 3**
- LIT 4374 - Literature of the Bible **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 3536 - Early Modern 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.
- Course substitutions may be accepted upon approval of the advisor.

Certificate

Editing and Publishing Certificate

College of Arts and Humanities

Department of English, Trevor Colbourn Hall, Room: 250A

<http://english.cah.ucf.edu>

Email: english@ucf.edu

Dr. Patricia Angley, (407) 823-5596

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses

- LIN 4680 - Modern English Grammar **Credit Hours: 3**
Select one:
- CRW 4722 - Editing for Creative Writers **Credit Hours: 3** or
- ENC 4293 - Documentation and Project Management **Credit Hours: 3** or
- ENG 4832 - Scholarly Editing & Publishing **Credit Hours: 3**
Select one:
- ENC 4218 - Visual Technical Communication **Credit Hours: 3** or
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
Select one:
- CRW 3950 - Cypress Dome Editorship **Credit Hours: 3** or
- CRW 4724 - The Florida Review **Credit Hours: 3** or
- ENC 4294 - Client-Based Project Management **Credit Hours: 3** or
Any other approved Internship **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- A list of approved restricted elective courses is found in the myKnight audit.
Select one:
- ENC 4215 - Document Design and Publication **Credit Hours: 3** or
- ENC 4280 - Technical Writing Style **Credit Hours: 3** or
- ENG 3817 - Digital Archives **Credit Hours: 3** or
- LIN 4105 - History of the English Language **Credit Hours: 3** or
- LIN 4801 - Language and Meaning **Credit Hours: 3** or
- 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.

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.
- Course substitutions may be accepted upon approval of the advisor.

Department of History

Chair: Peter Larson

Trevor Colbourn Hall 319; 407-823-2225

Email: history@ucf.edu

<http://history.cah.ucf.edu/>

Faculty: Adams, Beiler, Cassanello, Cheong, Clark, Dandrow, Darty, Duffy, Earley-Spadoni, Farless, Foster, French, Gannon, Gordon, Hanson, Hardy, Head, Ishikawa, Larson, Lester, Lyons, Martinez-Fernandez, Murphree, O'Shea, Ozoglu, Pelli, Pineda, Rutkow, Sacher, Snyder, Solonari, Walker, Walters, Zhang; Faculty Emeriti: Colbourn, Crepeau, Fernandez, Leckie-Reed, Pauley, Shofner

History is the study of the past. Its objective is to understand the past, and through the past, to understand the present. The discipline of history is more than 2,500 years old and remains a vital body of knowledge in the 21st century.

Students who are interested in becoming a lawyer should seriously consider a major in history as a foundation for law school. Law is a historical phenomenon and part of the political, social, and economic processes that have contributed to the success of the United States. An understanding of history lends great insight to the function of, and motives behind, the legal system. In addition, a careful study of history will enable the student to become effective in oral and written communication while developing intellectual skills in critical thought and analysis, both of which are invaluable to the study of law.

The Department participates in the following programs: Women's and Gender Studies, American Studies, Asian Studies, Digital Humanities, Florida Studies, Middle Eastern Studies, and Latin American Studies.

Major

History (B.A.)

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room:
319

<http://history.cah.ucf.edu/>

Dr. Yovanna Pineda, Yovanna.Pineda@ucf.edu, 407-
823-3655

Email: history@ucf.edu

Phone: 407-823-2225

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Required)
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- Select one course from Cultural & Historical Foundation, Area 2 list **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Required)
- Select one course from Social Foundation, Area 2 list **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (GEP)
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (6 Credit Hours)

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.

- EUH 2000 - Western Civilization I **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- WOH 2012 - World Civilization I **Credit Hours: 3**
- WOH 2022 - World Civilization II **Credit Hours: 3**

Core Requirements: Advanced Level (3 Credit Hours)

- HIS 4150 - History and Historians **Credit Hours: 3**

Restricted Electives (21 Credit Hours)

- (Must be taken within the History Department)
- A list of approved restricted elective courses is found in the myKnight audit
- Select three hours of approved history courses
- Select six hours of approved history courses within three of the four geographic regions: (18 Credit Hours)
 - Asian, African, and Middle Eastern **Credit Hours: 6**
 - British and European **Credit Hours: 6**
 - Latin American **Credit Hours: 6**
 - U.S. and Canadian **Credit Hours: 6**

Select six hours of approved history courses within three of the four geographic regions: (18 Credit Hours)

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 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: ¹
 - ¹ AMH 2010 is a prerequisite for subsequent American History courses.
- AMH 2020 - U.S. History: 1877-Present Credit Hours: 3 may be substituted with: ²
 - ² 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.oas.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 (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**

Minor

Africana Studies Minor

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<http://africana.cah.ucf.edu/>

Dr. Fon Gordon, Fon.Gordon@ucf.edu

Phone: 407-823-2225

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

Required Courses (12 Credit Hours)

- AFA 3102 - Introduction to Africana Studies: A Multidisciplinary Approach **Credit Hours: 3**
- AFA 3104 - The Black Intellectual Experience **Credit Hours: 3**
- AFA 3006 - The African Diaspora: Theories and Movements **Credit Hours: 3**

Select One: (3 Credit Hours)

- AFA 3850 - Researching Africana Heritage and Life **Credit Hours: 3**
- AFA 4242 - Contemporary Issues in Africana Studies **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- 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

- AFA 3300 - African American and Caribbean Music **Credit Hours: 3**
- AFA 3244 - Africana Social & Cultural Movements **Credit Hours: 3**
- AFA 3371 - Evolution of Hip Hop **Credit Hours: 3**
- AFA 4105 - Documenting Africana Heritage and Life **Credit Hours: 3**
- AML 3613 - Narratives of Slavery **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3**
- LAS 4023 - African Caribbean Experience **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**
- POT 4345 - Pan-Africanist Thought **Credit Hours: 3**
- SOP 3724 - Psychology of Prejudice **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- WST 3460 - Women, Race and Struggle **Credit Hours: 3**

Caribbean/Central, South America

- AFA 3371 - Evolution of Hip Hop **Credit Hours: 3**
- AFA 3955 - Study Abroad in the Caribbean **Credit Hours: 3**
- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- ANT 4340 - Caribbean Cultures **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**
- LAH 3470 - History of the Caribbean **Credit Hours: 3**
- LAS 4023 - African Caribbean Experience **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**

North American

- AFA 3300 - African American and Caribbean Music **Credit Hours: 3**
- AFA 3244 - Africana Social & Cultural Movements **Credit Hours: 3**
- AFA 3371 - Evolution of Hip Hop **Credit Hours: 3**
- AMH 3403 - History of the South Since 1865 **Credit Hours: 3**
- AMH 3572 - Black American History II **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**
- FIL 3831 - Black Cinema **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- PHP 3781 - African-American Philosophy **Credit Hours: 3**
- POS 4622 - Politics and Civil Rights **Credit Hours: 3**
- PUP 3314 - Minorities in American Politics **Credit Hours: 3**

African Continental

- AFA 3244 - Africana Social & Cultural Movements **Credit Hours: 3**
- AFA 3300 - African American and Caribbean Music **Credit Hours: 3**
- AFA 3371 - Evolution of Hip Hop **Credit Hours: 3**
- AFH 3100 - African History to 1870 **Credit Hours: 3**
- AFH 3200 - African History Since 1870 **Credit Hours: 3**
- ANT 4352 - African Societies and Cultures **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3**
- INR 3253 - International Politics of Africa **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- PHI 3790 - African Philosophy **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) 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 of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<http://www.history.cah.ucf.edu/>

Dr. Peter Larson, Peter.Larson@ucf.edu

Phone: 407-823-2225

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (15 Credit Hours)

- Select 5 (one from each category)

Literature (3 Credit Hours)

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3682 - Ethnic Literature in America **Credit Hours: 3**
- AML 4101 - American Novel **Credit Hours: 3**
- AML 4261 - Literature of the South **Credit Hours: 3**
- AML 4300 - Major American Authors **Credit Hours: 3**
- AML 4321 - Modern American Literature **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**

Social Sciences and Social Issues (3 Credit Hours)

- CCJ 3014 - Crime in America **Credit Hours: 3**
- INR 4102 - American Foreign Policy **Credit Hours: 3**
- INR 4114 - American Security Policy **Credit Hours: 3**
- INR 4225 - The Vietnam War **Credit Hours: 3**
- POS 3173 - Southern Politics **Credit Hours: 3**
- POS 3234 - Protest in American Politics **Credit Hours: 3**
- POS 3413 - The American Presidency **Credit Hours: 3**
- POT 3204 - American Political Thought **Credit Hours: 3**
- PUP 3314 - Minorities in American Politics **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- SYP 3630 - Popular Culture In Society **Credit Hours: 3**

History (3 Credit Hours)

- 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 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 4110 - Colonial America, 1607-1763 **Credit Hours: 3**
- AMH 4130 - The Age of the American Revolution, 1763-1789 **Credit Hours: 3**

Philosophy and Religion (3 Credit Hours)

- ANT 3245 - Native American Religions **Credit Hours: 3**
- PHH 3700 - American Philosophy **Credit Hours: 3**
- PHH 3701 - Native American Philosophy **Credit Hours: 3**
- PHP 3781 - African-American Philosophy **Credit Hours: 3**
- REL 3123 - Asian Religions in America **Credit Hours: 3**
- REL 3130 - Religion in America **Credit Hours: 3**

Art, Humanities, and Culture (3 Credit Hours)

- AFA 3102 - Introduction to Africana Studies: A Multidisciplinary Approach **Credit Hours: 3**
- AFA 3371 - Evolution of Hip Hop **Credit Hours: 3**
- AMH 3580 - North American Indians **Credit Hours: 3**
- AMH 3586 - History of Latinos in the U.S. **Credit Hours: 3**
- AMH 3610 - Sport in America to 1945 **Credit Hours: 3**

- AMH 3611 - Sport in America Since 1945
Credit Hours: 3
- AMH 4311 - American Culture I **Credit Hours: 3**
- AMH 4644 - Viewing American History in the Twentieth Century **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 4153 - North American Archaeology
Credit Hours: 3
- ARH 3610 - American Art **Credit Hours: 3**
- ARH 3631 - African-American Art **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**
- FIL 3871 - The American Film Artist **Credit Hours: 3**
- HUM 4459 - American Cultural Studies in Humanities **Credit Hours: 3**
- THE 3171 - That's Entertainment!: Theatre Experience in Theme Parks, Vegas, and Broadway **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- 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.

Select One:

- 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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

History Minor

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<http://history.cah.ucf.edu/>

Dr. Yovanna Pineda, Yovanna.Pineda@ucf.edu, 407-823-3655

Phone: 407-823-2225

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses

- None

Restricted Electives (18 Credit Hours)

- 18 hours of 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

- 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 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.

Judaic Studies Minor

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<https://judaicstudies.cah.ucf.edu/>

Email: judaicst@ucf.edu

Dr. Kenneth Hanson, kenneth.hanson@ucf.edu, 407-823-5039

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. Students minoring in Judaic Studies should take 6 HBR or JST courses, for a total of 18-20 credit hours.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

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 3402 - Wanderings: The Jewish People in Dispersion **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: 20

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.
- Requirement for minor is 18-20 credits.

Middle Eastern Studies Minor

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<http://middleeasternstudies.cah.ucf.edu/>

Dr. Hakan Ozoglu, 407-823-0512

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

Required Courses (9 Credit Hours)

- CPO 3403 - Politics of the Middle East **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**
- ASH 3223 - The Modern Middle East **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

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.

- ARA 2200 - Intermediate Arabic Language and Civilization I **Credit Hours: 3**
- ASH 3222 - Islam and Its Empires **Credit Hours: 3**
- ASH 5227 - The Arab-Israeli Conflict **Credit Hours: 3**
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3**
- HBR 2200 - Intermediate Modern Israeli Hebrew I **Credit Hours: 3**
- REL 3320 - Moses, Jesus and Muhammad **Credit Hours: 3**
- JST 3401 - Jewish People in Antiquity **Credit Hours: 3**
- JST 3402 - Wanderings: The Jewish People in Dispersion **Credit Hours: 3**
- JST 3820 - Modern Israeli Culture **Credit Hours: 3**
- PHH 3200 - Medieval Philosophy **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

Pre-Law in the Humanities Minor

College of Arts and Humanities
Department of History, Trevor Colbourn Hall, Room: 319

Patricia Farless, Patricia.Farless@ucf.edu, 407-823-2225

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 (9 Credit Hours)

Select 3 courses from the following:

- AMH 3558 - History of American Law **Credit Hours: 3**
- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**

- LIT 3933 - Literature and Law **Credit Hours: 3**
- PHI 2101 - Formal Logic I **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Select 3 additional Pre-Law Humanities minor courses from the list below; one of these may include the 4th course from the list 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**

Philosophy

- PHI 2108 - Critical Thinking **Credit Hours: 3**
- PHI 3670 - Ethical Theory **Credit Hours: 3**
- REL 4178 - Religion and Law **Credit Hours: 3**

Writing and Rhetoric

- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 3373 - Cultural Rhetorics **Credit Hours: 3**
- ENC 3521 - Writing Across Difference **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.

Russian Studies Minor

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

History@ucf.edu

Dr. Vladimir Solonari

Dr. Alla Kourova

Phone: 407-823-6617

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses

Language Classes (6 Credit Hours)

- RUS 2200 - Intermediate Russian Language and Civilization I **Credit Hours: 3**
- RUS 2201 - Intermediate Russian Language and Civilization II **Credit Hours: 3**

Restricted Electives

A list of approved restricted elective courses is found in the myKnight audit.

History (6 Credit Hours)

- 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 4663 - History of Communism in Europe **Credit Hours: 3**

Government/Politics (3 Credit Hours)

- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3**
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3**
- PLA 4830 - World Legal Systems **Credit Hours: 3**
- POT 4414 - Marxist Political Theory **Credit Hours: 3**

Cultural (3 Credit Hours)

- LIT 3082 - Continental European Fiction Since 1900 **Credit Hours: 3**
- LIT 3931 - Topics in World Literature **Credit Hours: 3**
- LIT 4233 - Postcolonial Theory and Literature **Credit Hours: 3**
- RUT 3505 - Russian Culture and Civilization **Credit Hours: 3**
- RUS 3955 - Study Abroad **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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.

Certificate

Judaic Studies Certificate

College of Arts and Humanities

Department of History, Trevor Colbourn Hall, Room: 319

<http://www.judaicstudies.cah.ucf.edu>

Email: judaicst@ucf.edu

Dr. Kenneth Hanson, kenneth.hanson@ucf.edu, 407-823-5039

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

Required Courses (15 Credit Hours)

Other courses, including special topics, with the approval of the Director

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**

Jewish History

- JST 3401 - Jewish People in Antiquity **Credit Hours: 3**
- JST 3402 - Wanderings: The Jewish People in Dispersion **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**
- 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**

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.

Accelerated Undergraduate- Graduate Program

History Accelerated Undergraduate- Graduate Program (B.A. / M.A.)

College of Arts and Humanities
Department of History, Trevor Colbourn Hall, Room:
319

<http://history.cah.ucf.edu/>

Email: Graduate program: hisgrad@ucf.edu

Email: Undergraduate program: history@ucf.edu

Dr. Amelia Lyons
Phone: 407-823-2224

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 Program (GEP) (36 Credit Hours)

See the History (B.A.) in this catalog for track specific GEP requirements

Communication Foundations (9 Credit Hours)

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)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (GEP) ¹
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (GEP) ¹

¹ See Transfer Notes for possible substitutes

Core Requirements: Basic Level (6 Credit Hours)

Complete two courses from EUH 2000, EUH 2001, WOH 2012 and/or WOH 2022. Upper level AFH, ASH, EUH, LAH and/or WOH courses can be substituted for these requirements.

- EUH 2000 - Western Civilization I **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- WOH 2012 - World Civilization I **Credit Hours: 3**
- WOH 2022 - World Civilization II **Credit Hours: 3**

Core Requirements: Advanced Level (3 Credit Hours)

- HIS 4150 - History and Historians **Credit Hours: 3**

Restricted Electives (21 Credit Hours)

- (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: (18 Credit Hours)

- Asian, African, and Middle Eastern
- British and European
- Latin American
- U.S. and Canadian

Select three hours of approved history courses (3 Credit Hours)

- Students may substitute nine hours of 5000- or 6000-level course work for 3000- or 4000-level courses

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
- 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

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Department of Modern Languages and Literatures

Chair: Geri Smith

Trevor Colbourn Hall 358A; 407-823-2472

Email: flfacult@ucf.edu

<http://mll.cah.ucf.edu/>

Faculty: Alarcon-Negy, Barone, De Luca-Guerriero, Duarte, Fabery, Farina, Fernández-Rubiera, Fisher, Garcia, Giltner, Izquierdo, Korosy, Kourova, Ledesma, Leticee, Lopez, Ludwig, Malebranche-Gautier, Mazzuchelli, Mihai, Montalvo, Nalbone, Pomerleau, Prucha, Purmensky, Quiroz, Redmon, Smith, Sousa, Spina, Tartt, Trinquet, Villegas, Vitanova-Haral; Professor Emeriti: Barsch, Del-Rio, Fernandez, Giordano, Micarelli

The Department provides instruction in Arabic, Chinese, French, German, Haitian, Italian, Japanese, Korean, Portuguese, Russian, and Spanish, with majors in French, Latin American Studies and Spanish. These programs are designed to meet the needs of students who desire competency in a language and expanded understanding of a foreign culture and literature. Students desiring to major in a foreign language must meet all the requirements for graduation as set forth by the University, the College of Arts and Humanities, and by the Department of Modern Languages and Literatures.

Major

French and Francophone Studies (B.A.)

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, Room: 358A
<http://mll.cah.ucf.edu/>

Dr. Charlotte Trinquet du Lys,
Charlotte.TrinquetDuLys@ucf.edu

Phone: 407-823-2472

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 must also 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, and FRT courses.
- At least six of the 36 French credits must be at the 4000 level.
- At least 30 hours must be taken in Modern Language courses taught in French.
- Earn at least a "C" (2.0) in each upper division French course.
- 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. 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 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- FRE 1120C - Elementary French Language and Civilization I **Credit Hours: 4**¹
- FRE 1121C - Elementary French Language and Civilization II **Credit Hours: 4**¹
- FRE 2200 - Intermediate French Language and Civilization I **Credit Hours: 3**¹

- FRE 2201 - Intermediate French Language and Civilization II **Credit Hours: 3** ¹
¹May be met by proficiency test or completion of FRE 2201

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (21 Credit Hours)

- FRW 3100 - Survey of French Literature I **Credit Hours: 3**
- FRE 3300 - French Grammar **Credit Hours: 3**
- FRE 3312 - Advanced French Grammar II **Credit Hours: 3**
- FRE 3780 - French Phonetics and Diction **Credit Hours: 3**

Select one: (3 Credit Hours)

- FRW 3101 - Survey of French Literature II **Credit Hours: 3**
- FRW 3770 - Francophone Literature **Credit Hours: 3**

Select one: (3 credits)

A native or near-native French speaker must substitute alternate upper division French courses in consultation with a departmental advisor.

- FRE 3760 - Advanced French Oral Communication **Credit Hours: 3**
- FRE 4421 - Advanced French Conversation **Credit Hours: 3**

Select one: (3 credits)

A native or near-native French speaker must substitute alternate upper division French courses in consultation with a departmental advisor.

- FRE 3420 - French Composition **Credit Hours: 3**
- FRE 4422 - Advanced French Composition **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- FRW course beyond the survey level (taught in French) **Credit Hours: 6**
- Select any upper level FRE, FRT, FRW, or FOW courses not already used in the major. **Credit Hours: 9**

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 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
- 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 should discuss the optimal test date with their advisor and the French Program Director. 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 portfolio (FRE 4950C) to their French Faculty Advisor. Students must earn a grade of "C" or higher.

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

- 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/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**
- 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 3312 - Advanced French Grammar II **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**

Latin American Studies (B.A.)

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, Room: 358A
<http://las.cah.ucf.edu/>
Coordinator: Dr. Tyler Fisher, Tyler.Fisher@ucf.edu
Phone: 407-823-2472

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 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)
- COM 1000 - Introduction to Communication **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Suggested)
- ARH 2050 - History of Western Art I **Credit Hours: 3** (Suggested)
- Select additional course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)
- Select one course from Mathematical Foundation, Area 2 **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Preferred)
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- Select 1 course from group Science Foundation, Area 1 **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level (3 Credit Hours)

- LAS 3002 - Topics in Latin American Studies
Credit Hours: 3

Core Requirements: Advanced Level (9 Credit Hours)

- LAH 3200 - Modern Latin America **Credit Hours: 3**
- LAS 3101 - Latin American Popular Culture
Credit Hours: 3
- LAS 4023 - African Caribbean Experience
Credit Hours: 3

- 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**

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.

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**

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**

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**

History

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 - Nightly 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 department.

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:

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**

Spanish (B.A.)

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Martha Garcia, Martha.Garcia@ucf.edu

Phone: 407-823-2472

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- SPN 1120C - Elementary Spanish Language and Civilization I **Credit Hours: 4** ¹
 - SPN 1121C - Elementary Spanish Language and Civilization II **Credit Hours: 4** ¹
 - SPN 2200 - Intermediate Spanish Language and Civilization I **Credit Hours: 3** ¹
 - SPN 2201 - Intermediate Spanish Language and Civilization II **Credit Hours: 3** ¹
- ¹ May be met by proficiency test or completion of SPN 3234

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (9 Credit Hours)

Take the following three courses: (9 Credit Hours)

- SPN 3300 - Advanced Spanish Grammar and Composition **Credit Hours: 3** ¹
 - SPN 3420 - Spanish Composition **Credit Hours: 3** ¹
 - SPN 3760 - Advanced Spanish Oral Communication **Credit Hours: 3** ¹
- ¹ A native or near-native Spanish speaker must substitute an alternate upper division Spanish

course in consultation with a departmental advisor.

Restricted Electives (27 Credit Hours)

Courses are to be chosen from the following categories in accordance with the number of hours designated in each, based on the student's specialization.

Linguistics and Cognitive Studies (27 Credit Hours)

Select two of the following survey of literature courses: (6 Credit Hours)

- SPW 3100 - Survey of Spanish Literature I **Credit Hours: 3**
- SPW 3101 - Survey of Spanish Literature II **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**

Select three of the following linguistics courses: (9 Credit Hours)

- SPN 4780 - Spanish Phonetics **Credit Hours: 3**
- SPN 4800 - The Syntax of Spanish **Credit Hours: 3**
- SPN 4801 - Spanish Morphology **Credit Hours: 3**
- SPN 4850 - Structure of the Spanish Language **Credit Hours: 3**
- SPN 4852 - Bilinguismo **Credit Hours: 3**

Select one Culture and Civilization: (3 Credit Hours)

- SPN 4510 - Spanish Civilization and Culture **Credit Hours: 3**
- SPN 4520 - Latin American Civilization and Culture **Credit Hours: 3**

Additional Spanish electives: (9 Credit Hours)

- 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 (27 Credit Hours)

Select three of the following survey of literature courses: (9 Credit Hours)

- SPW 3100 - Survey of Spanish Literature I **Credit Hours: 3**
- SPW 3101 - Survey of Spanish Literature II **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**

Spanish literature beyond the survey level: (6 Credit Hours)

- Any two 4XXX level SPW course not already used in the major

Select one linguistics course from the following (3 Credit Hours)

- SPN 4780 - Spanish Phonetics **Credit Hours: 3**
- SPN 4800 - The Syntax of Spanish **Credit Hours: 3**
- SPN 4801 - Spanish Morphology **Credit Hours: 3**
- SPN 4850 - Structure of the Spanish Language **Credit Hours: 3**
- SPN 4852 - Bilinguismo **Credit Hours: 3**

Select one Culture and Civilization (3 Credit Hours)

- SPN 4510 - Spanish Civilization and Culture **Credit Hours: 3**
- SPN 4520 - Latin American Civilization and Culture **Credit Hours: 3**

Additional Spanish electives (6 Credit Hours)

- Select any 3XXX, 4XXX, 5XXX SPN, SPW, SPT courses not already used in the major
*Maximum of 9 hours of 5XXX level courses accepted

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
- 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

- 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.oas.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

Minor

Asian Studies Minor

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, Room: 358A
<http://www.mll.cah.ucf.edu/>

Dr. Marcella A. Farina, marcella.farina@ucf.edu, (407) 823-2472

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

Required Courses (3 Credit Hours)

- HUM 3401 - Asian Humanities **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

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

- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**
- ART 3824 - Japanese Manga & Anime **Credit Hours: 3**
- ASH 4304 - Women in China **Credit Hours: 3**
- ASH 4324 - History & Culture of South Asia **Credit Hours: 3**
- ASH 4383 - Imperialism & Decolonization in South Asia **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**
- CPO 4514 - Politics of East Asia **Credit Hours: 3**
- CPO 4541 - Chinese Politics **Credit Hours: 3**
- CPO 4553 - Politics of Japan **Credit Hours: 3**
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3**
- INR 4225 - The Vietnam War **Credit Hours: 3**
- REL 3340 - Buddhism **Credit Hours: 3**
- REL 3333 - Hinduism **Credit Hours: 3**
- REL 3123 - Asian Religions in America **Credit Hours: 3**
- LIT 3833 - Modern Asian Literature **Credit Hours: 3**

- LIT 3835 - Translated Modern Chinese Novels
Credit Hours: 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.

Total Undergraduate Credit Hours Required: 18

Other Requirements

- 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.

French Minor

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, Room: 358A
<http://mll.cah.ucf.edu/>

Dr. Charlotte Trinquet du Lys,
Charlotte.TrinquetDuLys@ucf.edu

Phone: 407-823-2472

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

Select one: (3 credits)

A native or near-native speaker must substitute an alternate upper division course.

- FRE 3420 - French Composition **Credit Hours: 3**
- FRE 4422 - Advanced French Composition
Credit Hours: 3

Select one: (3 credits)

A native or near-native speaker must substitute an alternate upper division course.

- FRE 3760 - Advanced French Oral Communication **Credit Hours: 3**
- FRE 4421 - Advanced French Conversation
Credit Hours: 3

Restricted Electives (12 Credit Hours)

- 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

- 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 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 cannot be used toward the minor without departmental permission.

Italian Minor

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Chiara Mazzucchelli, chiara.mazzucchelli@ucf.edu

Phone: 407-823-2472

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- ITA 3420 - Italian Composition **Credit Hours: 3**
 - ITA 3760 - Advanced Italian Oral Communication **Credit Hours: 3**¹
- ¹ A native or near-native speaker must substitute an alternate upper division course for the advanced oral communication course.

Restricted Electives (12 Credit Hours)

- 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

- 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 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.

Latin American Studies Minor

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, Room: 358A
<http://las.cah.ucf.edu/>
Coordinator: Dr. Tyler Fisher, Tyler.Fisher@ucf.edu
Phone: 407-823-2472

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

Required Courses (9 Credit Hours)

- LAS 3002 - Topics in Latin American Studies **Credit Hours: 3**
- LAS 3101 - Latin American Popular Culture **Credit Hours: 3**
- LAS 4023 - African Caribbean Experience **Credit Hours: 3**

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 Visual 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 3400 - History of Mexico and Central 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**
- LAH 3200 - Modern 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**
- GEA 3403 - Human Geography of Latin America **Credit Hours: 3**
- GEA 3404 - Migration Trends in 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.

Spanish Minor

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Martha Garcia, Martha.Garcia@ucf.edu

Phone: 407-823-2472

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (9 Credit Hours)

- SPN 3300 - Advanced Spanish Grammar and Composition **Credit Hours: 3**¹
¹ A native or near-native speaker must substitute an alternate upper division course for the Advanced Spanish Grammar and Composition course.
- SPN 3420 - Spanish Composition **Credit Hours: 3**²
² A native or near-native speaker must substitute an alternate upper division course for the Spanish Composition course.
- SPN 3760 - Advanced Spanish Oral Communication **Credit Hours: 3**³
³ A native or near-native speaker must substitute an alternate upper division course for the Advanced Oral Communication course.

Restricted Electives (9 Credit Hours)

- 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

- None

Total Undergraduate Credit Hours Required: 18

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.

Certificate

French Translation and Interpretation Certificate

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358-A
<http://mll.cah.ucf.edu/>

Dr. Charlotte Trinquet du Lys,
Charlotte.TrinquetDuLys@ucf.edu, 407-823-2472

Admission Requirements

- None

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Required Courses (3 Credit Hours)

- FRT 4941 Internship **Credit Hours: 3**

Restricted Electives (12 credits)

Students must take **four** out of the following **five** courses:

- FRT 3451 - French Translation and Interpretation **Credit Hours: 3**
- FRT 3140 - French and Francophone Literary Masterworks in Translation **Credit Hours: 3**
- FRT 3810 - French Multimedia Translation and Interpretation **Credit Hours: 3**
- FRT 3831 - French Legal Translation and Interpretation **Credit Hours: 3**
- FRT 3830 - Medical French Translation and Interpretation **Credit Hours: 3**

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.

Spanish for Health Professionals Certificate

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Humberto Lopez Cruz, hlopez@ucf.edu

Phone: 407-823-2472

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

Required Courses (9 Credit Hours)

- HSC 3110 - Medical Self Assessment **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPT 3809 - Medical Spanish Translation/Interpretation **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit

Select one of the following upper division Spanish courses: (3 Credit Hours)

- SPN 3344 - Advanced Spanish Native Fluency I
Credit Hours: 3
- SPN 3345 - Advanced Spanish Native Fluency II
Credit Hours: 3

Select one of the following Health Sciences upper division courses: (3 Credit Hours)

- HSA 3111 - U.S. Health Care Systems **Credit Hours: 3**
- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HSC 3211 - Preventive Health Care **Credit Hours: 3**
- HSC 4201 - Community Health **Credit Hours: 3**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**

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 of Arts and Humanities
Department of Modern Languages and Literatures,

Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Humberto Lopez, hlopez@ucf.edu

Phone: 407-823-2472

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

Required Courses (9 Credit Hours)

- SOW 3284 - Social Work Perspectives on Social Justice **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPT 3800 - Spanish Translation and Interpretation **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- A list of approved restricted elective courses is found in the myKnight audit
Select one of the following Social Work upper division courses (3 Credit Hours)
- SOW 3620 - Culturally Competent Social Work Practice **Credit Hours: 3** or
- SOW 4794 - Social Work with Immigrants and Refugees **Credit Hours: 3**
Select one of the following Spanish upper division courses (3 Credit Hours)
- SPN 3344 - Advanced Spanish Native Fluency I **Credit Hours: 3** or
- SPN 3345 - Advanced Spanish Native Fluency II **Credit Hours: 3**

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 of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358A

<http://mll.cah.ucf.edu/>

Dr. Humberto Lopez Cruz, hlopez@ucf.edu

Phone: 407-823-2472

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

Required Courses (9 Credit Hours)

- PLA 3014 - Law and the Legal System **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPT 3831 - Spanish Legal Translation and Interpretation **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit

Select one of the following Public Affairs upper division courses (3 Credit Hours)

- PLA 3306 - Criminal Law **Credit Hours: 3**
- PLA 4020 - Law and Society **Credit Hours: 3**

Select one of the following Spanish upper division courses (3 Credit Hours)

- SPN 3344 - Advanced Spanish Native Fluency I **Credit Hours: 3**
- SPN 3345 - Advanced Spanish Native Fluency II **Credit Hours: 3**

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 Tourism Certificate

College of Arts and Humanities
Department of Modern Languages and Literatures,
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Humberto Lopez, hlopez@ucf.edu

Phone: 407-823-2472

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

Required Courses (9 Credit Hours)

- HFT 3512 - Event Promotion **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPT 3414 - Spanish for Tourism I **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Select one of the following Hospitality Courses:

- HFT 3540 - Guest Services Management I **Credit Hours: 3** or
- HFT 3700 - Tourism Management **Credit Hours: 3**
Select one of the following Spanish Courses:
- SPN 3344 - Advanced Spanish Native Fluency I **Credit Hours: 3** or
- SPN 3345 - Advanced Spanish Native Fluency II **Credit Hours: 3**

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 Translation and Interpretation Certificate

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Francisco Fernandez-Rubiera, rubiera@ucf.edu

Phone: 407-823-2472

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

Required Courses (3 Credit Hours)

SPN4941 (Internship) - 3 credit hours

Restricted Electives (12 credits)

Students must take **four** out of the following **five** courses:

- SPT 3414 - Spanish for Tourism I **Credit Hours: 3**
- SPT 3800 - Spanish Translation and Interpretation **Credit Hours: 3**
- SPT 3805 - Spanish Translation and Interpretation for Mass Communication **Credit Hours: 3**
- SPT 3809 - Medical Spanish Translation/Interpretation **Credit Hours: 3**
- SPT 3831 - Spanish Legal Translation and Interpretation **Credit Hours: 3**

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.
- Satisfactory completion of translation and interpretation exit exam.

Teaching English as a Foreign Language Certificate

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall, 358A
<http://mll.cah.ucf.edu/>

Dr. Florin Mihai, Florin.Mihai@ucf.edu

Phone: 407-823-2472

Required Courses (12 Credit Hours)

- TSL 3346 - English as an International Language **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- TSL 4363 - ESL Classroom Experiences **Credit Hours: 3**

Restricted Electives

- None

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, independent study and substitute courses/new courses are allowed at the director's discretion.

Department of Philosophy

Chair: Michael Strawser

PSY 220; 407-823-2273

Email: philosophy2@ucf.edu

<http://www.philosophy.cah.ucf.edu>

Faculty: Beever, Cash, Caspedes, DiBernardo, Fagiano, Favela, Fiore, Flanagan-Feddon, Garbayo, Giannopoulos, Gleig, Green, Janz, Jones, Knight, Kuang, Mundale, Park, Ravela, Schippert, Shrubsole, Stanlick, Strawser, Viau, Zargar; *Faculty Emeriti:* Congdon, Flick, Kassim

The Department of Philosophy offers a Philosophy major, a Religion and Cultural Studies major, and a Humanities and Cultural Studies major, as well as minors in Philosophy, Humanities and Cultural Studies, Religion and Cultural Studies, and Cognitive Sciences. The Department requires all majors to receive advisement prior to registering each semester. Majors should schedule appointments with their departmental advisor. For any course used to satisfy a requirement (including electives) of the Philosophy major, the Humanities major, and Religious Studies, a grade of "C" or better must have been received.

Major

Humanities and Cultural Studies (B.A.)

College of Arts and Humanities

Department of Philosophy,

Psychology Building, Room: 220

<http://philosophy.cah.ucf.edu/>

Email: philosophy@ucf.edu

Phone: 407-823-2273

The B.A. 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 relevant research in the Humanities while developing their own skills of critical evaluation and constructive engagement.

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- HUM 2020 - Encountering the Humanities
Credit Hours: 3 (Required)

Select One: (3 Credit Hours)

- HUM 2210 - Humanistic Tradition I **Credit Hours: 3**
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3**

Select One: (3 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (GEP)

Select One

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (GEP)
- REL 2300 - World Religions **Credit Hours: 3** (GEP)

Select One

- HUM 2210 - Humanistic Tradition I **Credit Hours: 3** (GEP)
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (33 Credit Hours)

Core Requirements

- HUM 3800 - Research Methods in Humanities **Credit Hours: 3**

Humanities Foundations (6 Credit Hours)

- HUM 3252 - Contemporary Humanities **Credit Hours: 3** or
- HUM 3255 - Modern Humanities **Credit Hours: 3** or
- HUM 3431 - Ancient Humanities **Credit Hours: 3** or
- HUM 3435 - Medieval Humanities **Credit Hours: 3**

Theories and Methods (9 Credit Hours)

- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3** or
- HUM 3805 - Critical Theory in the Humanities **Credit Hours: 3** or
- HUM 3806 - Critical Race Theory **Credit Hours: 3** or

- HUM 3830 - Introduction to Digital Humanities **Credit Hours: 3** or
- HUM 4330 - Performance Theory **Credit Hours: 3** or
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3** or
- HUM 4826 - Postcolonial Theory **Credit Hours: 3**

Cultural Traditions (6 Credit Hours)

- HUM 3401 - Asian Humanities **Credit Hours: 3** or
- HUM 3423 - African Humanities **Credit Hours: 3** or
- HUM 3460 - Latin American Humanities **Credit Hours: 3** or
- HUM 4459 - American Cultural Studies in Humanities **Credit Hours: 3**

Topics in Cultural Studies (6 Credit Hours)

- HUM 4931 - Key Figures in the Humanities & Cultural Studies **Credit Hours: 3**
- HUM 4934 - Key Concepts in Humanities & Cultural Studies **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- 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 Credit Hours)

- HUM 4933 - Senior Research Seminar **Credit Hours: 3**

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
- 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 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**
- 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 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**
- Theories & Methods 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**
- Humanities Foundations 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**
- Humanities Foundations Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- HUM 4934 - Key Concepts in Humanities & Cultural Studies **Credit Hours: 3**
- HUM 4933 - Senior Research Seminar **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Philosophy (B.A.)

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
<http://philosophy.cah.ucf.edu/>
Email: Philosophy@ucf.edu

Dr. Don Jones, donjones@ucf.edu
Phone: 407-823-2273

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Required)

Select Two: (6 Credit Hours)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3**
- HUM 2210 - Humanistic Tradition I **Credit Hours: 3**

- HUM 2230 - Humanistic Tradition II **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested) or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested) or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (GEP)

Select Two:

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (GEP)
- HUM 2210 - Humanistic Tradition I **Credit Hours: 3** (GEP)

- HUM 2230 - Humanistic Tradition II **Credit Hours: 3** (GEP)
- REL 2300 - World Religions **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (36 Credit Hours)

Core (6 Credit Hours)

- PHI 3083 - Research Methods in Philosophy **Credit Hours: 3**¹
¹ To be completed before the end of Junior year as a prerequisite to enrollment in Senior courses.
- PHI 4938 - Senior Research Seminar **Credit Hours: 3**

Reasoning (6 Credit Hours)

Select Two: (6 Credit Hours)

- PHI 2011 - Philosophical Reasoning **Credit Hours: 3**
- PHI 2101 - Formal Logic I **Credit Hours: 3**
- PHI 2108 - Critical Thinking **Credit Hours: 3**
- PHI 2647 - Logic and Ethics **Credit Hours: 3**
- PHI 3131 - Formal Logic II **Credit Hours: 3**

History of Philosophy (9 Credit Hours)

Select Two: (6 Credit Hours)

- PHH 3100 - Ancient Philosophy **Credit Hours: 3**
- PHH 3200 - Medieval Philosophy **Credit Hours: 3**
- PHH 3460 - Modern Western Philosophy **Credit Hours: 3**

Select One: (3 Credit Hours)

- PHH 3600 - Contemporary Philosophy **Credit Hours: 3**
- PHH 3510 - Marx and Nietzsche **Credit Hours: 3**
- PHH 3700 - American Philosophy **Credit Hours: 3**

- PHI 3790 - African Philosophy **Credit Hours: 3**

Values and Society (6 Credit Hours)

Select Two: (6 Credit Hours)

- PHI 3670 - Ethical Theory **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- PHM 3401 - Philosophy of Law **Credit Hours: 3**
- PHI 3800 - Aesthetics **Credit Hours: 3**
- PHM 3123 - Feminist Theories **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3**
- PHI 3625 - Virtual Ethics **Credit Hours: 3**
- PHI 4633 - Ethics and Biological Science **Credit Hours: 3**
- PHM 3100 - Freedom and Justice **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**
- PHM 4031 - Environmental Philosophy **Credit Hours: 3**
- PHH 3701 - Native American Philosophy **Credit Hours: 3**
- PHM 3020 - Philosophy of Love **Credit Hours: 3**
- PHI 4673 - Medical Ethics **Credit Hours: 3**
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3**

Being and Knowing (6 Credit Hours)

Select Two: (6 Credit Hours)

- PHI 4500 - Metaphysics **Credit Hours: 3**
- PHI 4341 - Ways of Knowing **Credit Hours: 3**
- PHI 4300 - Theories of Knowledge **Credit Hours: 3**
- PHI 3700 - Philosophy of Religion **Credit Hours: 3**
- PHI 4400 - Philosophy of Science **Credit Hours: 3**
- PHI 3320 - Philosophy of Mind **Credit Hours: 3**
- PHI 3451 - Philosophy of Psychology **Credit Hours: 3**
- PHI 4420 - Philosophy of Social Science **Credit Hours: 3**

- PHI 3323 - Minds and Machines: Philosophy of Cognitive Science **Credit Hours: 3**
- PHP 4782 - Phenomenology **Credit Hours: 3**
- PHI 4221 - Philosophy of Language **Credit Hours: 3**

Topics in Philosophy (3 Credit Hours)

Select One: (3 Credit Hours)

Appropriate Special Topics in Philosophy may be substituted for some core courses with prior approval by Departmental advisor.

- PHI 4931 - Philosophy in the News **Credit Hours: 3**
- PHI 4321 - Philosophies of Embodiment: Mind/Body/Self **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- PHI 4804 - Critical Theory **Credit Hours: 3**
- PHP 3783 - Modernity as a Philosophical Problem **Credit Hours: 3**
- PHI 3750 - The Problem of Evil **Credit Hours: 3**
- PHI 3720 - Faith and Reason **Credit Hours: 3**
- PHI 3803 - Philosophy and Creativity **Credit Hours: 3**
- REL 3111 - Religion and Philosophy Through Film **Credit Hours: 3**
- PHP 3786 - Existentialism **Credit Hours: 3**
- HUM 4330 - Performance Theory **Credit Hours: 3**
- PHI 4935 - Topics in Philosophy of Mind **Credit Hours: 3**
- PHP 4933 - Key Concepts in Philosophy **Credit Hours: 3**
- PHP 4931 - Key Figures in Philosophy **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Select six hours of 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.

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
- 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 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.oas.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**

Religion and Cultural Studies (B.A.)

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
<http://philosophy.cah.ucf.edu/>
Email: philosophy@ucf.edu

Phone: 407-823-2273

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- REL 2300 - World Religions **Credit Hours: 3**
(Required)

Select One: (3 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- HUM 2020 - Encountering the Humanities **Credit Hours: 3**

Select One: (3 Credit Hours)

- HUM 2210 - Humanistic Tradition I **Credit Hours: 3**
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested) or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested) or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level (3 Credit Hours)

- REL 2300 - World Religions **Credit Hours: 3** (GEP)

Select One: (3 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (GEP)
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (GEP)

Select One: (3 Credit Hours)

- HUM 2210 - Humanistic Tradition I **Credit Hours: 3** (GEP)
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3** (GEP)

Studying Religion and Culture (3 Credit Hours)

- REL 2000 - Introduction to Religion and Cultural Studies **Credit Hours: 3**

Core Requirements: Advanced Level (27 Credit Hours)

Traditions (12 Credit Hours)

- Must select at least one course in each category from the Philosophy Department

Abrahamic Traditions (3 Credit Hours)

- REL 3403 - Christianity **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**
- REL 3320 - Moses, Jesus and Muhammad **Credit Hours: 3**
- REL 3432 - Mysticism **Credit Hours: 3**
- JST 3401 - Jewish People in Antiquity **Credit Hours: 3**

Asian and Indigenous Traditions (3 Credit Hours)

- REL 3340 - Buddhism **Credit Hours: 3**
- REL 3333 - Hinduism **Credit Hours: 3**
- REL 3123 - Asian Religions in America **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**

Theories and Methods (6 Credit Hours)

- Must select one in each category

Religion (3 Credit Hours)

- REL 4157 - Religion and Psychoanalysis **Credit Hours: 3**
- PHI 3700 - Philosophy of Religion **Credit Hours: 3**
- PHI 3720 - Faith and Reason **Credit Hours: 3**
- REL 4936 - Key Figures in Religion and Cultural Studies **Credit Hours: 3**
- REL 4496 - Key Concepts in Religion and Cultural Studies **Credit Hours: 3**

Cultural Studies (3 Credit Hours)

- HUM 3805 - Critical Theory in the Humanities **Credit Hours: 3**
- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3**

- HUM 4459 - American Cultural Studies in Humanities **Credit Hours: 3**
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3**
- HUM 4826 - Postcolonial Theory **Credit Hours: 3**
- PHH 3600 - Contemporary Philosophy **Credit Hours: 3**
- PHI 4804 - Critical Theory **Credit Hours: 3**

Religion in Culture (9 Credit Hours)

Must select three from the following with at least one from the Philosophy Department:

- REL 3101 - Religion in Popular Culture **Credit Hours: 3**
- REL 3111 - Religion and Philosophy Through Film **Credit Hours: 3**
- REL 3115 - Religion, Spirituality, and Popular Music **Credit Hours: 3**
- REL 3130 - Religion in America **Credit Hours: 3**
- REL 4110 - Religion and the Arts **Credit Hours: 3**
- REL 4180 - Religion and Medicine **Credit Hours: 3**
- REL 4178 - Religion and Law **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- POT 4632 - Religion and Politics **Credit Hours: 3**
- SYO 4200 - Religion in Society **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- 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

- REL 4910 - Senior Research Seminar **Credit Hours: 3**

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.oas.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**

Minor

Cognitive Sciences Minor

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220

<http://philosophy.cah.ucf.edu/>

Email: philosophy@ucf.edu

Dr. Jennifer Mundale, Jennifer.Mundale@ucf.edu

Phone: 407-823-2273

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 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 (12 Credit Hours)

- Foundation Courses
- Select from at least 4 subject areas.

Neuroscience (3 Credit Hours)

- PSB 3002 - Physiological Psychology **Credit Hours: 3** or
- PSB 4240 - Neuropsychology **Credit Hours: 3** or
- ZOO 3744 - Neurobiology **Credit Hours: 3**

Philosophy (3 Credit Hours)

- PHI 3320 - Philosophy of Mind **Credit Hours: 3** or
- PHI 3323 - Minds and Machines: Philosophy of Cognitive Science **Credit Hours: 3** or
- PHI 3451 - Philosophy of Psychology **Credit Hours: 3** or
- PHI 4341 - Ways of Knowing **Credit Hours: 3** or
- PHI 4400 - Philosophy of Science **Credit Hours: 3** or
- PHI 4935 - Topics in Philosophy of Mind **Credit Hours: 3** or
- PHP 4782 - Phenomenology **Credit Hours: 3**

Psychology (3 Credit Hours)

- EXP 3204 - Sensation and Perception **Credit Hours: 3** or
- EXP 3604 - Cognitive Psychology **Credit Hours: 3** or
- EXP 4507 - Advanced Human Memory and Cognition **Credit Hours: 3**

Computer Science and Information Technology (3 Credit Hours)

- CAP 4453 - Robot Vision **Credit Hours: 3** or
- CAP 4630 - Artificial Intelligence **Credit Hours: 3** or
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**

Language and Linguistics (3 Credit Hours)

- ANT 3610 - Language and Culture **Credit Hours: 3** or
- LIN 3010 - Principles of Linguistics **Credit Hours: 3** or
- LIN 3716 - Language Development **Credit Hours: 3** or
- PHI 4221 - Philosophy of Language **Credit Hours: 3** or
- EXP 3640 - Psychology of Language **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- 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.

Select Two: (6 Credit Hours)

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 4586C - Human Origins **Credit Hours: 3**
- CAP 4630 - Artificial Intelligence **Credit Hours: 3**
- CAP 5015 - Multimedia Compression on the Internet **Credit Hours: 3**
- CAP 5415 - Computer Vision **Credit Hours: 3**
- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- EXP 3204 - Sensation and Perception **Credit Hours: 3**
- MAP 4103 - Mathematical Modeling I **Credit Hours: 3**
- PHI 2101 - Formal Logic I **Credit Hours: 3**
- PHI 2108 - Critical Thinking **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- PHI 4321 - Philosophies of Embodiment: Mind/Body/Self **Credit Hours: 3**
- PHI 4500 - Metaphysics **Credit Hours: 3**
- PSY 4025 - The Psychology of Art **Credit Hours: 3**
- PSY 3213C - Research Methods in Psychology **Credit Hours: 4**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- 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 9 credit hours 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.

Humanities and Cultural Studies Minor

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
<http://philosophy.cah.ucf.edu/>
Email: philosophy@ucf.edu

Phone: 407-823-2273

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

Required Courses (18 Credit Hours)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3**

Humanities Foundations (6 Credit Hours)

Select Two: (6 Credit Hours)

- HUM 3252 - Contemporary Humanities **Credit Hours: 3** or
- HUM 3255 - Modern Humanities **Credit Hours: 3** or
- HUM 3431 - Ancient Humanities **Credit Hours: 3** or
- HUM 3435 - Medieval Humanities **Credit Hours: 3**

Theories and Methods (3 Credit Hours)

Select One: (3 Credit Hours)

- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3** or
- HUM 3800 - Research Methods in Humanities **Credit Hours: 3** or
- HUM 3805 - Critical Theory in the Humanities **Credit Hours: 3** or
- HUM 3806 - Critical Race Theory **Credit Hours: 3** or
- HUM 3830 - Introduction to Digital Humanities **Credit Hours: 3** or
- HUM 4330 - Performance Theory **Credit Hours: 3** or
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3** or
- HUM 4826 - Postcolonial Theory **Credit Hours: 3**

Cultural Traditions (3 Credit Hours)

Select One: (3 Credit Hours)

- HUM 3401 - Asian Humanities **Credit Hours: 3** or
- HUM 3423 - African Humanities **Credit Hours: 3** or
- HUM 3460 - Latin American Humanities **Credit Hours: 3** or
- HUM 4459 - American Cultural Studies in Humanities **Credit Hours: 3**

Topics in Cultural Studies (3 Credit Hours)

Select One: (3 Credit Hours)

- HUM 4931 - Key Figures in the Humanities & Cultural Studies **Credit Hours: 3** or
- HUM 4934 - Key Concepts in Humanities & Cultural Studies **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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.

Philosophy Minor

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
<http://philosophy.cah.ucf.edu/>
Email: philosophy@ucf.edu

407-823-2273

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

Required Courses (15 Credit Hours)

- Select one course from each of the following groups:

Reasoning

Select One: (3 Credit Hours)

- PHI 2011 - Philosophical Reasoning **Credit Hours: 3**
- PHI 2101 - Formal Logic I **Credit Hours: 3**
- PHI 2647 - Logic and Ethics **Credit Hours: 3**
- PHI 3131 - Formal Logic II **Credit Hours: 3**
- PHI 2108 - Critical Thinking **Credit Hours: 3**

History of Philosophy

Select One: (3 Credit Hours)

- PHH 3100 - Ancient Philosophy **Credit Hours: 3**
- PHH 3200 - Medieval Philosophy **Credit Hours: 3**
- PHH 3460 - Modern Western Philosophy **Credit Hours: 3**
- PHH 3600 - Contemporary Philosophy **Credit Hours: 3**

Values and Society

Select One: (3 Credit Hours)

- PHI 3670 - Ethical Theory **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- PHM 3401 - Philosophy of Law **Credit Hours: 3**
- PHI 3800 - Aesthetics **Credit Hours: 3**
- PHM 3123 - Feminist Theories **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3**
- PHI 3625 - Virtual Ethics **Credit Hours: 3**
- PHI 4633 - Ethics and Biological Science **Credit Hours: 3**
- PHM 3100 - Freedom and Justice **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**
- PHM 4031 - Environmental Philosophy **Credit Hours: 3**
- PHH 3701 - Native American Philosophy **Credit Hours: 3**
- PHM 3020 - Philosophy of Love **Credit Hours: 3**
- PHI 4673 - Medical Ethics **Credit Hours: 3**

Being and Knowing

Select One: (3 Credit Hours)

- PHI 4500 - Metaphysics **Credit Hours: 3**
- PHI 4341 - Ways of Knowing **Credit Hours: 3**
- PHI 4300 - Theories of Knowledge **Credit Hours: 3**
- PHI 3700 - Philosophy of Religion **Credit Hours: 3**
- PHI 4400 - Philosophy of Science **Credit Hours: 3**
- PHI 3320 - Philosophy of Mind **Credit Hours: 3**
- PHI 3451 - Philosophy of Psychology **Credit Hours: 3**
- PHI 4420 - Philosophy of Social Science **Credit Hours: 3**
- PHI 3323 - Minds and Machines: Philosophy of Cognitive Science **Credit Hours: 3**
- PHP 4782 - Phenomenology **Credit Hours: 3**
- PHI 4221 - Philosophy of Language **Credit Hours: 3**

Topics in Philosophy

Select One: (3 Credit Hours)

- PHI 4931 - Philosophy in the News **Credit Hours: 3**
- PHI 4321 - Philosophies of Embodiment: Mind/Body/Self **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- PHI 4804 - Critical Theory **Credit Hours: 3**
- PHP 3783 - Modernity as a Philosophical Problem **Credit Hours: 3**
- PHI 3750 - The Problem of Evil **Credit Hours: 3**
- PHI 3720 - Faith and Reason **Credit Hours: 3**
- PHI 3803 - Philosophy and Creativity **Credit Hours: 3**
- REL 3111 - Religion and Philosophy Through Film **Credit Hours: 3**
- PHP 3786 - Existentialism **Credit Hours: 3**
- PHP 4933 - Key Concepts in Philosophy **Credit Hours: 3**
- PHP 4931 - Key Figures in Philosophy **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Select 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

- 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 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.

Religion and Cultural Studies Minor

College of Arts and Humanities
Department of Philosophy,
Psychology Building, Room: 220
<http://philosophy.cah.ucf.edu/>
Email: philosophy@ucf.edu

407-823-2273

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

Required Courses (18 Credit Hours)

Studying Religion and Culture (3 Credit Hours)

Select One: (3 Credit Hours)

- REL 2000 - Introduction to Religion and Cultural Studies **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**

Traditions (6 Credit Hours)

- Must select one in each category with at least one course from the Philosophy Department

Abrahamic Traditions (3 Credit Hours)

- REL 3403 - Christianity **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**
- REL 3320 - Moses, Jesus and Muhammad **Credit Hours: 3**
- REL 3432 - Mysticism **Credit Hours: 3**
- JST 3401 - Jewish People in Antiquity **Credit Hours: 3**

Asian and Indigenous Traditions (3 Credit Hours)

- REL 3333 - Hinduism **Credit Hours: 3**
- REL 3340 - Buddhism **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**

Theories and Methods (6 Credit Hours)

- Must select one in each category

Religion (3 Credit Hours)

- REL 4936 - Key Figures in Religion and Cultural Studies **Credit Hours: 3**
- REL 4496 - Key Concepts in Religion and Cultural Studies **Credit Hours: 3**
- PHI 3700 - Philosophy of Religion **Credit Hours: 3**
- REL 4157 - Religion and Psychoanalysis **Credit Hours: 3**

- PHI 3720 - Faith and Reason **Credit Hours: 3**

Cultural Studies (3 Credit Hours)

- HUM 4459 - American Cultural Studies in Humanities **Credit Hours: 3**
- HUM 3805 - Critical Theory in the Humanities **Credit Hours: 3**
- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3**
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3**
- HUM 4826 - Postcolonial Theory **Credit Hours: 3**
- PHI 4804 - Critical Theory **Credit Hours: 3**
- PHH 3600 - Contemporary Philosophy **Credit Hours: 3**

Religion in Culture (3 Credit Hours)

Must select one from the following:

- REL 3111 - Religion and Philosophy Through Film **Credit Hours: 3**
- REL 3115 - Religion, Spirituality, and Popular Music **Credit Hours: 3**
- REL 3130 - Religion in America **Credit Hours: 3**
- REL 4110 - Religion and the Arts **Credit Hours: 3**
- REL 4180 - Religion and Medicine **Credit Hours: 3**
- REL 3112 - Religion and 20th Century Fantasy Texts **Credit Hours: 3**
- REL 3101 - Religion in Popular Culture **Credit Hours: 3**
- REL 4178 - Religion and Law **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- JST 3550 - Introduction to Modern Judaism **Credit Hours: 3**
- POT 4632 - Religion and Politics **Credit Hours: 3**
- SYO 4200 - Religion in Society **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

Department of Writing and Rhetoric

Chair: Stephanie Vie
Trevor Colbourn Hall, 165-A; 407-823-2295
Email: writingandrhetoric@ucf.edu
<http://writingandrhetoric.cah.ucf.edu/>

Faculty: Arban, Arellano, Barnickel, Bowdon, Brenckle, Bryan, Calkins, Cavanagh, Dees, Dieterle, Edwards, Ethridge, Galbreath, Gardiakos, Guenzel, Hall, Henken, Hepner, Holic, Kareem, Lambert, Launier, Longhany, Martin, Milu, Pinkert, Pinkerton, Pompos-Mansfield, Proulx, Richardson, Ringfield, Roozen, Rounsaville, Schell, Schneier, Scott, Short, Stack, Taylor, Vie, Weaver, Wheeler, Wright

The Department of Writing and Rhetoric oversees the First-Year Composition Program and offers certificate and degree programs for the focused study of writing and rhetoric, including professional digital and civic writing, the teaching of writing, and the history and theory of rhetoric, composition, and literacy. Courses in our two undergraduate and two graduate programs emphasize, in particular, writing as civic engagement and writing with technologies. The department's primary mission is to promote sustained writing opportunities across the university, the foundation for which we provide in first-year composition but which we also achieve through the

efforts of the University Writing Center and Writing Across the Curriculum Program. The department celebrates student writing in Stylus, a journal for first-year writing, and the annual Knights Write Showcase.

Major

Writing and Rhetoric (B.A.)

College of Arts and Humanities
Department of Writing and Rhetoric,
Trevor Colbourn Hall, Room: 165A
<http://writingandrhetoric.cah.ucf.edu/>
Email: writingandrhetoric@ucf.edu

Dr. Laurie A. Pinkert, Director, Laurie.Pinkert@ucf.edu, 407-823-1057
Adele Richardson, Program Advisor, Adele@ucf.edu, 407-823-0349
Dr. Marcy Galbreath, Program Advisor, Marcy.Galbreath@ucf.edu, 407-823-0745

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 as an advanced core requirement course 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+" (2.25) 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 Writing and Rhetoric Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.
- Students must earn a minimum 2.5 GPA in coursework used to satisfy the major.

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 and Historical Foundations (9 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
- Select one course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**
- Select one course from Cultural & Historical Foundation, Area 2 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- ENC 1101 - Composition I **Credit Hours: 3** (GEP)
- ENC 1102 - Composition II **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (9 Credit Hours)

Students should take ENG 3836, ENC 3331 and ENC 3502 as early in the program as possible. ENG 3836 must be taken prior to a Writing Practicum experience

- ENC 3331 - Rhetoric and Civic Engagement **Credit Hours: 3**
- ENC 3502 - Researching Writing and Literacy **Credit Hours: 3**
- ENG 3836 - Professional Lives and Literacy Practices **Credit Hours: 3**

Core Requirements: Advanced Level (6 Credit Hours)

Extending Theories and Histories of Writing, Rhetoric, and Literacy

Students must take at least 6 hours from this category. Students should work with a departmental academic advisor to select courses that support the students' intended career or post-graduation path.

- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**
- 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**

Restricted Electives (18 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Applications of Writing and Rhetoric (9 Credit Hours)

- Students must take at least 9 hours of courses from the Civic and Cultural Writing and Rhetoric and Professional and Digital Writing clusters; these 9 hours can come from either or both clusters. Students should work with a departmental academic advisor to select courses that support the students' intended career or post-graduation path.

Civic and Cultural Writing and Rhetoric

- 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**
- ENC 4523 - Writing and Identity **Credit Hours: 3**

Professional and Digital Writing

- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 3351 - Writing for Publication **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 4212 - Professional Editing **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**
- ENG 3833 - Marketing Your Writing **Credit Hours: 3**
- LIN 3673 - Rhetorical Grammar **Credit Hours: 3**

Writing Practicums (3 Credit Hours)

Choose one of the following courses.

- ENC 3473 - Writing in Disciplinary Cultures **Credit Hours: VAR**
- ENC 4275 - Theory and Practice of Tutoring Writing **Credit Hours: 3**
- ENC 4944 - Writing Internship **Credit Hours: 3**

Advised Electives (6 Credit Hours)

- Choose from any DWR 3000 or 4000 level courses not otherwise used to satisfy major requirements, and/or consult with advisor for approved upper-level, writing-intensive courses in another department.

Capstone Requirements (3 Credit Hours)

- ENC 4379 - Writing and Rhetoric Capstone **Credit Hours: 3**
- ENC 4950 - Writing ePortfolio **Credit Hours: 0**

Electives

- Select primarily from DWR upper-level 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 Minors

- Students must complete a minor, certificate, or approved program of study (at least 18 hours minimum). A minor and/or certificate from the Department of Writing and Rhetoric cannot be used to satisfy this requirement.
- Can be a UCF minor or an interdisciplinary set of courses tailored to the student's professional goals and approved by a program 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 GPA of 2.5 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

- 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

- Legal Studies Minor
- Education Minor
- Digital Media Minor
- History Minor
- Political Science Minor
- Interpersonal/Organizational Communication
- Journalism Studies Minor
- Magazine Journalism Minor
- Marketing Minor
- Mass Media Minor
- Public Administration Minor
- Nonprofit Management Minor

- Information Technology Minor
- Entrepreneurship Minor
- International and Global Studies Minor
- English, Creative Writing Minor
- English, Linguistics Minor
- English, Literature Minor
- English, Technical Communication 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.oas.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)

- ENG 3836 - Professional Lives and Literacy Practices **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Advanced Core: Theories and Histories **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ENC 3502 - Researching Writing and Literacy **Credit Hours: 3**
- Restricted Elective - Applications **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ENC 3331 - Rhetoric and Civic Engagement **Credit Hours: 3**
- Advanced Core: Theories and Histories **Credit Hours: 3**
- Restricted Elective - Writing Practicum **Credit Hours: 3**
- Elementary Foreign Language I or Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- Restricted Elective - Applications **Credit Hours: 3**
- Restricted Elective - Advised Elective **Credit Hours: 3**
- Required 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)

- ENC 4379 - Writing and Rhetoric Capstone **Credit Hours: 3**
- Restricted Elective - Applications **Credit Hours: 3**
- Required 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 4950 - Writing ePortfolio **Credit Hours: 0**
- Restricted Elective - Advised Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**

Minor

Writing and Rhetoric Minor

College of Arts and Humanities
Department of Writing and Rhetoric,
Trevor Colbourn Hall, Room: 165A
<http://writingandrhetoric.cah.ucf.edu/>

Dr. Laurie A. Pinkert, Program Director,
Laurie.Pinkert@ucf.edu, 407-823-1057
Adele Richardson, Program Advisor, adele@ucf.edu, 407-823-0349
Dr. Marcy Galbreath, Program Advisor,
Marcy.Galbreath@ucf.edu, 407-823-0745

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

Required Courses (3 Credit Hours)

Students should take this core course as early in the program as possible.

- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**

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.

Certificate

Public and Professional Writing Certificate

College of Arts and Humanities
Department of Writing and Rhetoric,
Trevor Colbourn Hall, Room: 165A
<http://writingandrhetoric.cah.ucf.edu/>

Dr. Laurie A. Pinkert, Program Director,
Laurie.Pinkert@ucf.edu, 407-823-1057
Adele Richardson, Program Advisor, adele@ucf.edu, 407-823-0349
Dr. Marcy Galbreath, Program Advisor,
Marcy.Galbreath@ucf.edu, 407-823-0745

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

Required Courses (6 Credit Hours)

- ENC 3314 - Writing and Rhetoric Foundations
Credit Hours: 3

Select One: (3 Credit Hours)

- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 4212 - Professional Editing **Credit Hours: 3**
- LIN 3673 - Rhetorical Grammar **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- 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.

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 Department of Writing and Rhetoric at UCF.

School of Performing Arts

Director: Michael Wainstein

Music:

PAC M203; 407-823-2869; Fax: 407-823-3378
Email: ucfmusic@ucf.edu
<http://www.music.cah.ucf.edu/>

Faculty: Anderson, Ayers, Brodie, Bjella, Brunner, Burtzos, Danielsson, Drexler, Fred, Garcia, Gay, Gennaro, Harrison, Hunt, Hsu, Hwang, Jensen, Kizer, Koons, Lieser, Lubaroff, Marosi, Miller, Moore, Park, Potter, Rupert, Scharron, Schreier, Stephenson, Thornton, Warfield, Weremchuk, Winter, Yonetani; Faculty Emeriti: Pickering, Whisler, Wolf

The Music unit offers a Bachelor of Music degree with options in performance, jazz studies, and composition; a Bachelor of Arts Degree in music; and a Bachelor of Music Education Degree with specializations in instrumental, choral and elementary school music. The Music Education programs are approved by the Florida State Department of Education. Students who desire to be certified to teach in elementary and secondary schools should major in Music Education. Courses leading to teacher certification are offered cooperatively with the College of Community Innovation and Education. The Music Department is fully accredited by the National Association of Schools of Music. Music organizations on campus include Pi Kappa Lambda, Phi Mu Alpha, Sigma Alpha Iota, Tau Beta Sigma, Kappa Kappa Psi, Student Chapters of MENC and ACDA, and Music Student Advisory Council.

Theatre:

PAC T210A; 407-823-2862
Email: theatre@ucf.edu
<http://www.theatre.cah.ucf.edu/>

Faculty: Boyd, Brotherton, J. Brown, T. Brown, Chicurel-Stein, Heil, Helsing, Horn, Lartonoix, Listengarten, Lynch, McDonald, Niess, Reed, Scott, Shafer, Siegfried, Snyder, St. Claire, Tan, Tollefson, Wainstein, Weaver, Weishar, White, Wood; Professor Emeriti: Seay, Smith

The Theatre unit seeks to develop theatre artists of the highest quality by providing a select number of students with the training, education, and experiences necessary for the successful pursuit of professional careers in theatre arts and the entertainment industries. In support of this mission and the liberal arts goals of the College of Arts and Humanities, the department seeks to provide its students with the knowledge and skills necessary to live full, rewarding and productive lives. Offering undergraduate Bachelor of Arts and the Bachelor of Fine Arts degrees, as well as graduate Masters of Arts and Master of Fine Arts degrees, the Department of Theatre undertakes to develop

and graduate theatre artists who are sensitive, aware human beings. Through its public performance programs, the department endeavors to serve as a cultural resource for the University, the community and the Central Florida region. Striving to provide its students with a competitive edge, the department employs a faculty and staff of artists/teachers who work intensely with students in the classroom and in production. To supplement this education and training, professional guest artists are brought to the campus to work in production and in the classroom. Before graduation, BFA students are required to complete a professional theatre internship and MFA students are required to complete a professional residency, thus providing them with a unique and invaluable introduction to the real world of professional theatre. Internships are optional for BA students. In all its endeavors, the Department of Theatre strives to create and maintain a professional environment necessary for the continued growth and development of its students, faculty, and staff.

Major

Music (B.A.)

College of Arts and Humanities
Department of Music,
Performing Arts Center, Room: M203
<http://music.cah.ucf.edu>
Email: ucfmusic@ucf.edu

Kirk Gay, kirk.gay@ucf.edu, 407-823-5968

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://music.cah.ucf.edu/> 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 (<http://performingarts.cah.ucf.edu/music/resources>) for details on program standards.

General Education Program (GEP) (36 Credit Hours)

(see General Education Program for detailed information)

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)

- MUH 3212 - Music History and Literature II **Credit Hours: 3** (Required)
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (28 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUN XXXX - Ensembles **Credit Hours: 4**
- MVX XXXX - Performance **Credit Hours: 4**

Core Requirements: Basic Level (6 Credit Hours)

- MUS 1010 - Music Forum **Credit Hours: 0** ¹ (4 semesters)
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (3 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUH 3212 - Music History and Literature II **Credit Hours: 3** (GEP)

Restricted Electives (33 Credit Hours)

Restricted Electives-Music (15 Credit Hours)

- Choose from any MUX 3XXX or 4XXX (No more than 6 of these credits can be taken as MUN courses.)
- Choose one MUT 3XXX or MUT 4XXX course **Credit Hours: 3**

Restricted Electives-Non-Music (18 Credit Hours)

- Select, 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

- MUS 4900 - Music BA Capstone Project **Credit Hours: 3**

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
- 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

- 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.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

- 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**

Senior Year - Spring (15 Credit Hours)

- 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 of Arts and Humanities
Department of Music,
Performing Arts Center - Music, Room: M203
<http://music.cah.ucf.edu/>
Email: musicaud@ucf.edu

Dr. Kelly Miller, Kelly.Miller@ucf.edu, 407-823-4545

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 <http://music.cah.ucf.edu/musiceducation.php>.

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 <http://music.cah.ucf.edu/musiceducation.php>.

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/music/resources>) for details on program standards.

General Education Program (GEP) (36 Credit Hours)

(See General Education Program for detailed information)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Take all of the following: (6 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
and
- ENC 1102 - Composition II **Credit Hours: 3** (Required)

Cultural & Historical Foundations (9 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3** (Required)
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- MUL 2720 - Music of the World **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (38 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- MUE 2040 - Introduction to Music Education **Credit Hours: 3**
- MUE 3693 - Technology in Music Education **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0** ¹
- MUN XXXX - Major Ensembles (4 semesters) **Credit Hours: 4**
- MVX 141X - Performance I (2 semesters) **Credit Hours: 4**
- MVX 242X - Performance II (2 semesters) **Credit Hours: 4**
¹ 4 semesters

Core Requirements: Basic Level (5 Credit Hours)

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.

- MUS 1010 - Music Forum **Credit Hours: 0** (CPP) ¹
¹ 4 semesters
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4** (CPP)
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4** (CPP)
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4** (CPP)
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4** (CPP)
- MVK 2122 - Class Piano IV **Credit Hours: 1** (CPP)
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** GEP
- MUN XXXX - Major Ensembles (2 semesters) **Credit Hours: 2**
- MVX 141X - Performance I (2 semesters) (CPP)
- MVX 242X - Performance II (2 semesters) (CPP)

Core Requirements: Advanced Level (29 Credit Hours)

- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUH 3212 - Music History and Literature II **Credit Hours: 3** (GEP)
- MUE 3942 - Music Internship I **Credit Hours: 3**
- MUE 3333 - Music Learning Theory and Assessment **Credit Hours: 3**
- MUE 4311 - Elementary School Music Methods **Credit Hours: 2**
- MVX 343X - Performance III (2 Semesters) **Credit Hours: 4**
- MUS 1010 - Music Forum **Credit Hours: 0** (2 semesters)

Education Core (12 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 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**

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 2471 - Percussion Techniques II **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 2471 - Percussion Techniques II **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 2471 - Percussion Techniques II **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
- 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: 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.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

- 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 of Arts and Humanities
Department of Music,
Performing Arts Center - Music, Room: M203
<http://music.cah.ucf.edu>
Email: musicaud@ucf.edu

J. Rupert, JeffRupert@ucf.edu, 407-823-5411
Kirk Gay, Kirk.Gay@ucf.edu, 407-823-5968

Admission Requirements

Audition Requirements for Admission

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to <http://music.cah.ucf.edu/admissions.php> 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://music.ucf.edu/> 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/music/resources>) for details on program standards.

General Education Program (GEP) (36 Credit Hours)

- (See General Education program for detailed information)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Take all of the following: (6 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
and
- ENC 1102 - Composition II **Credit Hours: 3** (Required)

Cultural & Historical Foundations (9 Credit Hours)

- MUL 2016 - Evolution of Jazz **Credit Hours: 3** (Required)
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (24 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**

- MUN 3713 - Jazz Ensemble **Credit Hours: 1** ¹
¹ Four semesters for total 4 hrs
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**

Core Requirements: Basic Level (6 Credit Hours)

- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0** ¹
¹ Eight semesters
- MUL 2016 - Evolution of Jazz **Credit Hours: 3** (GEP)
- MUL 2720 - Music of the World **Credit Hours: 3** (GEP)
- MUH 3633 - Music in the United States **Credit Hours: 3**

Core Requirements: Advanced Level (54 Credit Hours)

- MUT 3170 - Jazz Theory I **Credit Hours: 3**
- MUT 3171 - Jazz Theory II **Credit Hours: 3**
- MUT 3923 - Jazz Workshop **Credit Hours: 3** ¹
¹ Four semesters for total 12 hrs
- MUS 4320 - Music Business and Industry **Credit Hours: 3**
- MUH 4814 - Jazz Styles and Analysis **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**

Select One: (3 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUH 3212 - Music History and Literature II **Credit Hours: 3**

Specialty Requirements (Choose one): (27 Credit Hours)

- All courses are taken for two semesters each except restricted elective courses

Trumpet

- MVB 1411 - Trumpet I **Credit Hours: 2**
- MVB 2421 - Trumpet II **Credit Hours: 2**
- MVB 3431 - Trumpet III **Credit Hours: 3**
- MVB 4441 - Trumpet IV **Credit Hours: 4**
- Restricted Electives **Credit Hours: 5**

Trombone

- MVB 1413 - Trombone I **Credit Hours: 2**
- MVB 2423 - Trombone II **Credit Hours: 2**
- MVB 3433 - Trombone III **Credit Hours: 3**
- MVB 4443 - Trombone IV **Credit Hours: 4**
- Restricted Electives **Credit Hours: 5**

Saxophone

- MVW 1415 - Saxophone I **Credit Hours: 2**
- MVW 2425 - Saxophone II **Credit Hours: 2**
- MVW 3435 - Saxophone III **Credit Hours: 3**
- MVW 4445 - Saxophone IV **Credit Hours: 4**
- Restricted Electives **Credit Hours: 5**

Jazz Piano

- MVJ 1010 - Jazz Piano I **Credit Hours: 2**
- MVJ 2220 - Jazz Piano II **Credit Hours: 2**
- MVJ 3230 - Jazz Piano III **Credit Hours: 3**
- MVJ 4240 - Jazz Piano IV **Credit Hours: 4**
- MVK 1211 - Secondary Piano **Credit Hours: 1**
- Restricted Electives **Credit Hours: 3**

Jazz Bass

- MVJ 1214 - Jazz Bass I **Credit Hours: 2**
- MVJ 2224 - Jazz Bass II **Credit Hours: 2**
- MVJ 3234 - Jazz Bass III **Credit Hours: 3**
- MVJ 4244 - Jazz Bass IV **Credit Hours: 4**
- MVS 1214 - Secondary Bass **Credit Hours: 1**
- Restricted Electives **Credit Hours: 3**

Jazz Guitar

- MVJ 1213 - Jazz Guitar I **Credit Hours: 2**
- MVJ 2223 - Jazz Guitar II **Credit Hours: 2**
- MVJ 3233 - Jazz Guitar III **Credit Hours: 3**
- MVJ 4243 - Jazz Guitar IV **Credit Hours: 4**
- MVS 1216 - Secondary Guitar **Credit Hours: 1**
- Restricted Electives **Credit Hours: 3**

Jazz Drum Set

- MVJ 1219 - Jazz Drum Set I **Credit Hours: 2**
- MVJ 2229 - Jazz Drum Set II **Credit Hours: 2**
- MVJ 3339 - Jazz Drum Set III **Credit Hours: 3**
- MVJ 4349 - Jazz Drum Set IV **Credit Hours: 4**
- MVP 1211 - Secondary Percussion **Credit Hours: 1**
- Restricted Electives **Credit Hours: 3**

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
- 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

- 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, Music Composition Track (B.M.)

College of Arts and Humanities

Department of Music,

Performing Art Center - Music, Room: M203

<http://music.cah.ucf.edu/>

Email: musicaud@ucf.edu

Kirk Gay, kirk.gay@ucf.edu, 407-823-5968

Admission Requirements

Audition Requirements for Admission

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to <http://www.music.ucf.edu/admissionsauditions.php> 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

- Prospective composition students must audition for and be accepted for either the BA in Music, the BME degree or the Bachelor of Music in Performance or Jazz Studies for their first two years of study. Students will normally be considered for acceptance into the Bachelor of Music in Composition in the fourth semester of study at UCF. Students will be accepted based on

the Professional Sequence Entrance Review. Students will be required to pass this evaluation before entering Level III Composition.

This review will include:

- Approval of composition portfolio
- Completion of Composition I and II
- Completion of Performance I and II
- Completion of MUS 2360C
- Completion of MUT 2127 - Music Theory and Musicianship IV
- 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 Composition level III.

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/music/resources>) for details on program standards.

General Education Program (GEP) (36 Credit Hours)

- (see General Education program for detailed information)

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)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (32 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUN XXXX - Major Ensemble (four semesters)
Piano students take MUN 3453; guitar students take MUN 3483 **Credit Hours: 4**
- MVX 141X - Performance I (two semesters) **Credit Hours: 4**
- MVX 242X - Performance II (two semesters) **Credit Hours: 4**

Core Requirements: Basic Level (20 Credit Hours)

- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUC 1101C - Composition I **Credit Hours: 2**
- MUC 2104C - Composition II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUL 2720 - Music of the World **Credit Hours: 3** (GEP)
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUH 3212 - Music History and Literature II **Credit Hours: 3** (GEP)
- MUT 4571 - Analysis of Twentieth-Century Music **Credit Hours: 3**
- MUN XXXX - Major Ensembles (Piano students take MUN 3453; guitar students take MUN 3483) **Credit Hours: 2**

Core Requirements: Advanced Level (23 Credit Hours)

Professional Sequence Requirements:

- MUC 3105C - Composition III **Credit Hours: 3**
¹
¹ Two semesters for total 6 hrs
- MUC 4106C - Composition IV **Credit Hours: 4**
²
² Two semesters for total 8 hrs
- MUT 4401 - Counterpoint **Credit Hours: 3**
- MUT 4311 - Orchestration **Credit Hours: 3**
- MUC 4950 - Composition Recital **Credit Hours: 0**
- One course selected from MUC/MUH/MUS/MUT, 3000 level or above
Credit Hours: 3

Restricted Electives (9 Credit Hours)

- 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.

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.

Special Non-Course Requirements: 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

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
- 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

- 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.oegas.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 - 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 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUC 1101C - Composition I **Credit Hours: 2**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- 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**
- MUC 2104C - Composition II **Credit Hours: 2**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUT 4311 - Orchestration **Credit Hours: 3**
- MUC 3105C - Composition III **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Upper Level Music Elective **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUT 4571 - Analysis of Twentieth-Century Music **Credit Hours: 3**
- MUC 3105C - Composition III **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Upper Level Music Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- MUC 4106C - Composition IV **Credit Hours: 4**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Upper Level Music Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MUC 4106C - Composition IV **Credit Hours: 4**
- MUT 4401 - Counterpoint **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- 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 of Arts and Humanities
Department of Music,
Performing Arts Center, Room: M203
<http://music.cah.ucf.edu/>
Email: musicaud@ucf.edu

Kirk Gay, kirk.gay@ucf.edu, 407-823-5968

Admission Requirements

Audition Requirements for Admission

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to <http://music.cah.ucf.edu/admissions.php> 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://music.cah.ucf.edu/> 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/music/resources>) for details on program standards.

General Education Program (GEP) (36 Credit Hours)

- (See General Education program for detailed information)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Take all of the following: (6 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required) and
- ENC 1102 - Composition II **Credit Hours: 3** (Required)

Cultural and Historical Foundations (9 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3** (Required)
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers: (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (32 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUN XXXX - Major Ensemble (four semesters)
Piano students take MUN 3453; guitar students take MUN 3484 **Credit Hours: 4**
- MVX 141X - Performance I (2 semesters) **Credit Hours: 4**
- MVX 242X - Performance II (2 semesters) **Credit Hours: 4**

Core Requirements: Basic Level (6 Credit Hours)

- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (24 Credit Hours)

- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUH 3212 - Music History and Literature II **Credit Hours: 3** (GEP)
- 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**

Specialty Requirements (Choose One): (22 Credit Hours)

Piano (22 Credit Hours)

- MUL 3400 - Piano Literature I **Credit Hours: 2**
- MUL 3401 - Piano Literature II **Credit Hours: 2**
- MVK 4640 - Piano Pedagogy I **Credit Hours: 2**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- Restricted Electives **Credit Hours: 9**
- Electives **Credit Hours: 5**

Guitar (22 Credit Hours)

- MUL 4437 - String Literature and Pedagogy **Credit Hours: 3**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- Restricted Electives **Credit Hours: 12**
- Electives **Credit Hours: 5**

Voice (22 Credit Hours)

- MUS 1250 - IPA for Singers **Credit Hours: 1**
- MUS 3255 - German and English Lyric Diction **Credit Hours: 2**
- MUS 3254 - Italian and French Lyric Diction **Credit Hours: 2**
- MVV 4640 - Voice Pedagogy **Credit Hours: 2**
- MUL 3602 - Song Literature **Credit Hours: 3**
- MUN XXXX - Major Ensembles **Credit Hours: 2**
- MUN XXXX - Minor Ensembles **Credit Hours: 2**
- Foreign Language (French, German, or Italian) **Credit Hours: 8**

Woodwinds (22 Credit Hours)

- MUL 4444 - Woodwind Literature and Pedagogy **Credit Hours: 3**
- MUN XXXX - Major Ensembles **Credit Hours: 2**
- MUN XXXX - Minor Ensembles **Credit Hours: 4**
- Restricted Electives **Credit Hours: 8**
- Electives **Credit Hours: 5**

Brass (22 Credit Hours)

- MUL 4443 - Brass Literature and Pedagogy **Credit Hours: 3**
- MUN XXXX - Major Ensembles **Credit Hours: 2**
- MUN XXXX - Minor Ensembles **Credit Hours: 4**
- Restricted Electives **Credit Hours: 8**
- Electives **Credit Hours: 5**

Percussion (22 Credit Hours)

- MUL 3463 - Percussion Literature **Credit Hours: 2**
- MVP 3630 - Percussion Pedagogy **Credit Hours: 2**
- MUN XXXX - Major Ensembles **Credit Hours: 2**
- MUN XXXX - Minor Ensembles **Credit Hours: 4**
- Restricted Electives **Credit Hours: 7**
- Electives **Credit Hours: 5**

Strings (22 Credit Hours)

- MUL 4437 - String Literature and Pedagogy **Credit Hours: 3**
- MUN XXXX - Major Ensembles **Credit Hours: 2**
- MUN XXXX - Minor Ensembles **Credit Hours: 4**
- Restricted Electives **Credit Hours: 8**
- Electives **Credit Hours: 5**

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
- 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

- 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.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: 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 Musice 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 I **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 **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Theatre Studies (B.A.)

College of Arts and Humanities
 Department of Theatre,
 Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu/>
 Email: theatre@ucf.edu

Kristina Tollefson, (407) 823-2862

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 <http://www.theatre.ucf.edu>.
- 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://www.performingarts.cah.ucf.edu/theatre/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://www.performingarts.cah.ucf.edu/theatre/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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Required)
This course is only taught during the fall semesters for BA students
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- Select one course from Cultural & Historical Foundation, Area 2 list **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (20 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP) ¹
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** ¹
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**

- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** ¹
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3** ¹
- Theatre Elective (THE, TPP, TPA Prefix) **Credit Hours: 9**

¹ See Transfer Notes for possible substitutes

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (13 Credit Hours)

- 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**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** ¹
- ¹ See Transfer Notes for possible substitutes
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**

Select One: (1 Credit Hour)

- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- THE 4093L - Theatre Participation-Management II **Credit Hours: 1**
- TPP 4193L - Theatre Participation-Performance II **Credit Hours: 1**

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 Department of History (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
- 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

- 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 – Introduction **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 – Introduction **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: 1**
- 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**

Theatre, Acting Track (B.F.A.)

College of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu/>
Email: theatre@ucf.edu

Be Boyd Coordinator, Belinda.Boyd@ucf.edu
 Phone: 407-823-2862

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 <http://www.theatre.ucf.edu>. 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://www.performingarts.cah.ucf.edu/theatre/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://www.performingarts.cah.ucf.edu/theatre/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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Required)

This course is only taught during the fall semesters for BFA students

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** Prefer

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (20 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP)
This course is only taught during the fall semesters for BFA students
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**¹
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3**
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2**¹
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- Theatre Electives (THE, TPP, TPA prefix) **Credit Hours: 9**

¹ See Transfer Notes for possible substitutions.

Core Requirements: Basic Level (12 Credit Hours)

- TPA 2248C - Makeup Techniques **Credit Hours: 2**
- DAA 2200C - Ballet I **Credit Hours: 2**
- TPP 2170C - Acting II -The Actor Prepares **Credit Hours: 3**
- TPP 2710C - Voice Production I **Credit Hours: 2**

- TPP 2190L - Theatre Participation-Performance I **Credit Hours: 1**

Select One: (2 Credit Hours)

- DAA 2100C - Modern Dance I **Credit Hours: 2**
- DAA 2570C - Jazz Dance I **Credit Hours: 2**

Core Requirements: Advanced Level (55 Credit Hours)

- 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**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**¹
¹See Transfer Notes for possible substitutions.
- TPP 3173C - Acting III - Building the Character **Credit Hours: 3**
- TPP 4140C - Acting IV - Creating the Role **Credit Hours: 3**
- TPP 4142C - Acting Verse **Credit Hours: 3**
- TPP 4265C - Camera Acting **Credit Hours: 3**
- TPP 3711C - Voice Production II **Credit Hours: 2**
- TPP 3712C - Voice Production III **Credit Hours: 2**
- TPP 4730C - Dialects **Credit Hours: 2**
- TPP 3510C - Movement for the Actor I **Credit Hours: 2**
- TPP 3513C - Movement for the Actor II **Credit Hours: 2**
- TPP 4531C - Period Movement **Credit Hours: 2**
- TPP 4512C - Stage Combat **Credit Hours: 2**
- TPP 3257C - Musical Theatre Voice Techniques **Credit Hours: 2**
- TPP 3258C - Musical Theatre Voice Styles **Credit Hours: 2**
- TPP 4221 - Auditioning **Credit Hours: 3**
- TPP 4223C - Theatre Careers in Performance **Credit Hours: 3**
- TPP 4940L - Theatre Internship **Credit Hours: 6**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**

Select One: (1 Credit Hour)

- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- THE 4093L - Theatre Participation-Management II **Credit Hours: 1**
- TPP 4193L - Theatre Participation-Performance II **Credit Hours: 1**

Restricted Electives (6 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 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.

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
- 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: 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.oas.ucf.edu/alc/academic_learning_compacts.htm

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 – Introduction **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 - Voice Production I **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 Production II **Credit Hours: 2**
- TPP 2110C - Acting I – Introduction **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 Prepares **Credit Hours: 3**
- DAA 2200C - Ballet I **Credit Hours: 2**
- TPP 3712C - Voice Production III **Credit Hours: 2**

Sophomore Year - Spring (13 Credit Hours)

- TPP 3173C - Acting III - Building the 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 - Creating the Role **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: 1**

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: 1**
- TPP 4265C - Camera Acting **Credit Hours: 3**
- TPP 4730C - Dialects **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 of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu>
Email: theatre@ucf.edu

Bert Scott, Coordinator, Bert.Scott@ucf.edu

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 <http://www.theatre.ucf.edu>. 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://www.performingarts.cah.ucf.edu/theatre/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://www.performingarts.cah.ucf.edu/theatre/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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- Prefer SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Cultural & Historical Foundations (9 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Required)
This course is only taught during Fall semesters for the BFA students.
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list

Social Foundations (6 Credit Hours)

- Prefer AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (20 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP)
This course is only taught during Fall semesters for the BFA students.
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**¹
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3**¹
- TPA 2210 - Stagecraft I **Credit Hours: 3**¹
- Theatre Electives (THE, TPP, TPA prefix) **Credit Hours: 9**
¹ See Transfer Notes for possible substitutes.

Core Requirements: Basic Level (20 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- TPA 2210L - Stagecraft I Lab **Credit Hours: 1**
- TPA 2211L - Stagecraft II Lab **Credit Hours: 1**
- TPA 2220C - Stage Electronics **Credit Hours: 3**
- TPA 2071C - Theatre Rendering **Credit Hours: 3**
- TPA 2000C - Theatre Design Basics **Credit Hours: 3**
- TPA 2600 - Stage Management: Introduction **Credit Hours: 3**
- TPA 1990 - BFA Review I **Credit Hours: 0**
- TPA 2991 - BFA Review II **Credit Hours: 0**

Select two of these:

- TPA 2211 - Stagecraft II **Credit Hours: 3** or
- TPA 2232C - Costume Construction **Credit Hours: 3** or
- TPA 3077C - Scene Painting **Credit Hours: 3**

Core Requirements: Advanced Level (53 Credit Hours)

- 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**
 - TPP 3310C - Directing for Theatre I **Credit Hours: 3**¹
- ¹ See Transfer Notes for possible substitutes.
- THE 4284 - Period Costume, Architecture, and Decor I **Credit Hours: 3**
 - THE 4285 - Period Costume, Architecture, and Decor II **Credit Hours: 3**
 - TPA 3195L - Summer Theatre Studio/Tech/Design I **Credit Hours: 3**
 - TPA 3197L - Summer Theatre Studio/Tech/Design II **Credit Hours: 3**
 - TPA 4250C - CADD for Theatre **Credit Hours: 2**
 - TPA 4251C - Advanced CADD for Theatre **Credit Hours: 2**
 - TPA 4401C - Theatre Careers in Production **Credit Hours: 3**

- TPA 4066C - Advanced Scenography **Credit Hours: 3**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- TPP 4940L - Theatre Internship **Credit Hours: 6**
- TPA 3992 - BFA Review III **Credit Hours: 0**
- TPA 3995 - Preliminary Portfolio Review **Credit Hours: 0**
- TPA 4900 - Capstone Portfolio Review **Credit Hours: 0**

Select three: (9 Credit Hours)

- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3**
- TPA 3045C - Costume 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**

Take four times (4 Credit Hours)

- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**

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
- 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: 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:

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 – Introduction **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 2600 - Stage Management: Introduction **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**

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 – Introduction **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- 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: 1**
- 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: 1**
- 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: 1**
- 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, Musical Theatre Track (B.F.A.)

College of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: 210A
<http://theatre.cah.ucf.edu/>

Earl Weaver, earl.weaver@ucf.edu
Phone: 407-823-5158

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 <http://www.theatre.ucf.edu>. 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://www.performingarts.cah.ucf.edu/theatre/re-sources>.
- 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://www.performingarts.cah.ucf.edu/theatre/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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Required)
This course is only taught during the fall semesters for the BFA students.
- Select one course from Cultural & Historical Foundation, Area 1 list **Credit Hours: 3**
- Select one course from Cultural & Historical Foundation, Area 1 or Cultural & Historical Foundation, Area 2 list **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- May substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- Prefer AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (20 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP) ¹
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** ¹
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** ¹
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3** ¹

- Theatre Electives (THE, TPP, TPA prefix)
Credit Hours: 9
¹See Transfer Notes for possible substitutes.

Core Requirements: Basic Level (25 Credit Hours)

- MUT 1121 - Music Theory and Musicianship I
Credit Hours: 4
- MUT 1122 - Music Theory and Musicianship II
Credit Hours: 4
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- DAA 2200C - Ballet I **Credit Hours: 2**
- DAA 2201C - Ballet II **Credit Hours: 2**
- DAA 2570C - Jazz Dance I **Credit Hours: 2**
- DAA 2571C - Jazz Dance II **Credit Hours: 2**
- DAA 2520C - Tap Dance I **Credit Hours: 2**
- TPA 2248C - Makeup Techniques **Credit Hours: 2**
- TPP 2170C - Acting II -The Actor Prepares
Credit Hours: 3

Core Requirements: Advanced Level (48 Credit Hours)

- TPP 3173C - Acting III - Building the Character
Credit Hours: 3
- TPP 4140C - Acting IV - Creating the Role
Credit Hours: 3
- TPP 3251C - Musical Theatre Monologue **Credit Hours: 2**
- TPP 3252C - Musical Theatre Scene Study
Credit Hours: 2
- THE 3240 - Evolution of Musical Theatre **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**
- TPP 2742C - Estill for Musical Theatre – Craft
Credit Hours: 2
- TPP 3272C - Estill for Musical Theatre – Artistry
Credit Hours: 2
- TPP 3743C - Musical Theatre Applied/Studio Voice I **Credit Hours: 2**
- TPP 3744C - Musical Theatre Applied/Studio Voice II **Credit Hours: 2**

- TPP 4259C - MT Applied/Studio Voice III
Credit Hours: 2
- TPP 4270C - MT Applied/Studio Voice IV
Credit Hours: 2
- TPP 4271C - MT Applied/Studio Voice V **Credit Hours: 2**
- TPP 4923C - MT Applied/Studio Voice VI
Credit Hours: 2
- TPP 4940L - Theatre Internship **Credit Hours: 6**
- TPP 4223C - Theatre Careers in Performance
Credit Hours: 3
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**
- TPP 4193L - Theatre Participation-Performance II **Credit Hours: 1**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**

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
- 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: 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 – Introduction **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: 1**
- 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 – Introduction **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 Prepares **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 - Building the 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 - Creating the Role **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**

Senior Year - Spring (15 Credit Hours)

- 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: 1**
- General Education **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**

Theatre, Stage Management Track (B.F.A.)

College of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu/>
Email: theatre@ucf.edu

Claudia Lynch, Coordinator, claudia.lynch@ucf.edu, 407-823-2862

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 <http://www.theatre.ucf.edu>. 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://www.performingarts.cah.ucf.edu/theatre/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://www.performingarts.cah.ucf.edu/theatre/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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- Prefer SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Cultural and Historical Foundations (9 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Required)
This course is only taught in Fall semesters for the BFA students
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list

Social Foundations (6 Credit Hours)

- Prefer AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (20 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP) ¹
This course is only taught in Fall semesters for the BFA students
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** ¹
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3** ¹
- TPA 2210 - Stagecraft I **Credit Hours: 3** ¹
- Theatre Electives (THE, TPP, TPA prefix) **Credit Hours: 9**

¹See Transfer Notes for possible substitutes.

Core Requirements: Basic Level (19 Credit Hours)

- MUT 1004 - Fundamentals of Music I **Credit Hours: 3**
- TPA 2600 - Stage Management: Introduction **Credit Hours: 3**
- TPA 2220C - Stage Electronics **Credit Hours: 3**
- TPA 2210L - Stagecraft I Lab **Credit Hours: 1**
- TPA 2211L - Stagecraft II Lab **Credit Hours: 1**
- TPA 2000C - Theatre Design Basics **Credit Hours: 3**
- TPA 1990 - BFA Review I **Credit Hours: 0**
- TPA 2991 - BFA Review II **Credit Hours: 0**

Select one:

- TPA 2211 - Stagecraft II **Credit Hours: 3** or
- TPA 2232C - Costume Construction **Credit Hours: 3**

Movement Elective

- DAA 2000C - Introduction to Theatre Dance **Credit Hours: 2** or
- Stage Combat Course **Credit Hours: 2** or
- DAA 2520C - Tap Dance I **Credit Hours: 2** or
- DAA 2200C - Ballet I **Credit Hours: 2**

Core Requirements: Advanced Level (54 Credit Hours)

- 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**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** ¹
¹See Transfer Notes for possible substitutes.
- TPA 4250C - CADD for Theatre **Credit Hours: 2**
- TPP 3103 - Intermediate Acting **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: 1**
- TPA 3601 - Stage Management: Techniques **Credit Hours: 3**
- TPA 4602 - Stage Management: Applications **Credit Hours: 3**
- TPA 4604 - Stage Management: Professional Practice **Credit Hours: 3**
- TPA 4400 - Theatre Management **Credit Hours: 3**
- TPA 3195L - Summer Theatre Studio/Tech/Design I **Credit Hours: 3**
- TPA 3197L - Summer Theatre Studio/Tech/Design II **Credit Hours: 3**

- TPA 4401C - Theatre Careers in Production **Credit Hours: 3**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- TPP 4940L - Theatre Internship **Credit Hours: 6**
- TPA 3992 - BFA Review III **Credit Hours: 0**
- TPA 3995 - Preliminary Portfolio Review **Credit Hours: 0**
- TPA 4900 - Capstone Portfolio Review **Credit Hours: 0**
Select one:
- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3** or
- TPA 3045C - Costume Design for Theatre I **Credit Hours: 3**
Select one:
- TPA 3223C - Lighting Design for Theatre I **Credit Hours: 3** or
- TPA 3265C - Sound Design for Theatre I **Credit Hours: 3**

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
- 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: 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

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 – Introduction **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 – Introduction **Credit Hours: 3**
- TPA 2220C - Stage Electronics **Credit Hours: 3**
- TPA 2600 - 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 3601 - 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: 1**
- 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 4602 - 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: 1**
- TPA 4604 - 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: 1**
- 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: 1**
- 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: 1**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**

Minor

Dance Minor

College of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu/>

Judi Siegfried, dance@ucf.edu, 407-823-2862

Minor Admission Requirements

- A successful audition - contact department for audition dates.

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (11 Credit Hours)

- DAN 3134 - Dance History I **Credit Hours: 3**
- DAA 3612 - Dance Improvisation/Composition I **Credit Hours: 3**
- DAA 2100C - Modern Dance I **Credit Hours: 2**
- DAA 3684 - Dance Performance **Credit Hours: 1**
- DAA 2200C - Ballet I **Credit Hours: 2** ¹

¹ Can substitute DAA 2201C or DAA 3208C with consent of program coordinator

Restricted Electives (7 Credit Hours)

- DAA 2570C - Jazz Dance I **Credit Hours: 2**
- DAA 2571C - Jazz Dance II **Credit Hours: 2**
- DAA 2520C - Tap Dance I **Credit Hours: 2**
- DAA 2521C - Tap Dance II **Credit Hours: 2**
- DAA 3524C - Tap Dance III **Credit Hours: 2**
- DAA 2201C - Ballet II **Credit Hours: 2**
- DAA 3208C - Ballet III **Credit Hours: 2**
- DAA 2393C - World Dance **Credit Hours: 2**
- DAA 3645 - Choreography Practicum **Credit Hours: 2**
- DAA 3684 - Dance Performance **Credit Hours: 1**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**
- TPP 2190L - Theatre Participation-Performance I **Credit Hours: 1**
- THE 2090L - Theatre Participation **Credit Hours: VAR**
- DAA 3004L - Dance Studio **Credit Hours: 1**
- DAA 3508C - Jazz Dance III **Credit Hours: 2**
- DAA 3905 - Directed Study **Credit Hours: 1**
- DAA 4912 - Directed Independent Research **Credit Hours: 1**

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.
- 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.
- A minimum of 3 different dance styles must be completed in the minor.

Music Minor

College of Arts and Humanities
Department of Music,

Performing Arts Center - Music, Room: M203
<http://music.cah.ucf.edu/>

Lauren Becker, lauren.becker@ucf.edu, 407-823-2758

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (10 Credit Hours)

- MUT 1004 - Fundamentals of Music I **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUH 2017 - Survey of Rock Music **Credit Hours: 3**
- MUH 2019 - American Popular Music, 1840s-present **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- 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

- None

**Total Undergraduate Credit Hours
Required: 19**

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.

Performing Arts Administration Minor

College of Arts and Humanities
Department of Music,
Performing Arts Center, Room: M203
<http://music.cah.ucf.edu/>

Lauren Becker, Lauren.Becker@ucf.edu
Phone: 407-823-2758

Music & Theatre majors or other majors with experience/passion for the performing arts, admitted by an interview/portfolio review.

Minor Admission Requirements (6 Credit Hours)

**Take one of the following courses: (3
Credit Hours)**

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- MUL 2014 - Introduction to Music History and Literature **Credit Hours: 3**

**Take one of the following courses: (3
Credit Hours)**

- THE 2000 - Theatre Survey **Credit Hours: 3**
- THE 2020 - Survey of Theatre for Majors **Credit Hours: 3**

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (15 Credit Hours)

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.

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- PAD 4144 - Nonprofit Organizations **Credit Hours: 3**
- TPA 4400 - Theatre Management **Credit Hours: 3**
- MUS 4320 - Music Business and Industry **Credit Hours: 3**

Internship: 3 Credit Hours

- THE 4941 - Internship **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- Select three courses, one from each of the three different areas.

Finance & Budgeting

- FIN 2100 - Personal Finance and Investments **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**

Management

- MAR 3023 - Marketing **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**

Nonprofit Sector

- PAD 4148 - Volunteer Management **Credit Hours: 3**

- PAD 4147 - Resource Development in the Nonprofit Sector **Credit Hours: 3**
- PAD 3003 - Public Administration in American Society **Credit Hours: 3**

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.

Theatre Minor

College of Arts and Humanities
Department of Theatre,
Performing Arts Center, Room: T210A
<http://theatre.cah.ucf.edu/>
Email: theatre@ucf.edu
Lauren Becker, (407) 823-2862

Minor Admission Requirements

- We accept minor applications at any time. Email the following application materials to theatre@ucf.edu:
- A statement of why you want to become a Theatre Minor
- A course history list (including grades) of theatre courses completed at UCF or any other university
- A completed UCF Theatre Department Student Information Form (found on our website)

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3**
- THE 3006 - Greece to Grease: Development of Theatre **Credit Hours: 3**
- TPP 2110C - Acting I – Introduction **Credit Hours: 3** ¹
¹ Can substitute TPP 2185 - Acting for Non-majors or any Acting Class
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** ²
² Can substitute any Stagecraft Class.
- TPA 2290L - Theatre Participation-Production I **Credit Hours: 1**

Restricted Electives (6 Credit Hours)

- 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.

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 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.

School of Visual Arts and Design

Director: Rudy McDaniel
 VAB 117; 407-823-2676
 Email: svadadvising@ucf.edu
<http://svad.cah.ucf.edu/>

Faculty: Abbas, Abraham, Adams, Briggs, Burrell, Cabrera, Cameron, Clercx, Colon-Mendoza, Cooper, Davila, Dierdorff, Dombrowski, Gaudnek, Geppert, Hadrika, Hall, Haran, James, Kim, Kobaslija, Kovach, Leitch, Lindsey, Lotz, McDaniel, Nolan, Poindexter, Raimundi-Ortiz, Reedy, Rivers, Spencer, Taylor, Watson, Watters, Wyatt, Zaho; Professor Emeriti: Francis, Frederick, Moshell

The School of Visual Arts and Design (SVAD) is a combination of the Art, Architecture, Emerging Media, Photography, and Studio Art programs. Topics covered by SVAD degrees include traditional studio arts, design, and art history and emerging media concepts that are the foundation of animation and graphic design. Art degrees offer studies in traditional forms of painting, drawing, photography, and ceramics and supply core skills necessary to pursue professional careers in both emerging media and the fine arts, digital storytelling, and new media business models. Students acquire a highly marketable body of knowledge leading to solid careers in industry or in creative research.

The Emerging Media BFA – Character Animation track requires a portfolio for acceptance and is usually submitted in February each year for admission in the following fall term.

The Emerging Media BFA– Graphic Design track requires a portfolio for acceptance and is usually submitted in February each year for admission in the following fall term.

While the Art BA – Studio Track, Emerging Media BFA – Experimental Animation track, and Studio Art BFA programs are not limited access, many of the required upper-level courses require the completion of a student portfolio (ART 3950) that is usually submitted near the beginning of a student's junior year.

The Architecture BD program is offered at UCF at the Valencia West Campus.

The Photography BS program is offered at UCF at the Daytona Beach Campus. Photography is also available as an area of concentration at the main UCF Orlando campus

as part of the Art BA – Studio Track and Studio Art BFA degree programs.

Complete information about faculty, curriculum, and admission requirements is available on the School of Visual Arts and Design website (see above). Students should pay close attention to program admission requirements and periodically check with School advisors and the SVAD website.

Major

Architecture (B.Des.)

College of Arts and Humanities
School of Visual Arts and Design
(This program is offered by UCF at the Valencia West Campus)

<http://architecture.ucf.edu/>

Email: architecture@ucf.edu

Phone: 407-582-5500

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 Program (GEP) (36 Credit Hours)

- 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 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (36 Credit Hours)

- 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**
- ARC 3503 - Architectural Structures **Credit Hours: 3**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
or
MAC 1140C - Pre-Calculus Algebra **Credit Hours: 3** (GEP)
- PHY 2053C - College Physics I **Credit Hours: 4** (GEP)

Core Requirements: Basic Level (0 Credit Hours)

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)

Core Requirements: Advanced Level (42 Credit Hours)

Completed as part of the Bachelor of Design program at UCF.

- ARC 3181 - Advanced Topics in Digital Architecture **Credit Hours: 3**
- ARC 3320L - Architectural Design 5 **Credit Hours: 6**
- ARC 3321L - Architectural Design 6 **Credit Hours: 6**
- ARC 3463 - Materials and Methods of Construction 2 **Credit Hours: 3**
- ARC 3503 - Architectural Structures **Credit Hours: 3** (CPP)
- ARC 3610 - Environmental Technology 1 **Credit Hours: 3**
- ARC 3743 - Architectural History 3 **Credit Hours: 3**
- ARC 4220 - Architectural Theory 2 **Credit Hours: 3**
- ARC 4322L - Architectural Design 7 **Credit Hours: 6**
- ARC 4323L - Architectural Design 8 **Credit Hours: 6**
- ARC 4620 - Environmental Technology 2 **Credit Hours: 3**

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

- 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

- None

Certificates

- Public and Professional Writing Certificate

Related Minors

- Art - Studio Minor
- Art History Minor
- Cognitive Sciences Minor
- Digital Media Minor
- Film, Cinema Studies Minor
- Humanities and Cultural Studies Minor
- Philosophy Minor
- English, Technical Communication Minor
- Writing and Rhetoric Minor

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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.oas.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 Track (B.A.)

College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

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

- 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 3000-4000 level courses taken from the UCF School of Visual Arts and Design. Nine of these must be in an area of ARH specialization.
- Grades below "C" (2.0) in lower level courses do not satisfy major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with a School advisor at least once annually.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)
- Select a course from group Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers (3 Credit Hours)

- Select a course from Cultural & Historical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (6 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**

Core Requirements: Basic Level (3 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**

Core Requirements: Advanced Level (15 Credit Hours)

- ARH 4310 - Italian Renaissance Art **Credit Hours: 3**
- ARH 4430 - 19th Century Art **Credit Hours: 3**
- ARH 4450 - 20th Century Art **Credit Hours: 3**

- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- ENC 3315 - Argumentative Writing **Credit Hours: 3**

Restricted Electives (24 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Select one Non-Western/Ancient Art History course from the following (3 Credit Hours)

- ARH 3670 - 20th Century Latin American Art **Credit Hours: 3**
- ARH 4130 - Greek Art and Architecture **Credit Hours: 3**
- ARH 4150 - Roman Art and Architecture **Credit Hours: 3**
- ARH 4653 - Meso American Art **Credit Hours: 3**

One of the following courses: (3 Credit Hours)

- ARH 4200 - Medieval Art **Credit Hours: 3**
- ARH 4350 - Baroque Art **Credit Hours: 3**
- ARH 4871 - Women in Art **Credit Hours: 3**

Select 18 additional hours from the following: (18 Credits Hours)

- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
- ARH 3610 - American Art **Credit Hours: 3**
- ARH 3670 - 20th Century Latin American Art **Credit Hours: 3**
- ARH 3710 - History of Photography I **Credit Hours: 3**
- ARH 3713 - 20th Century Photographic History **Credit Hours: 3**
- ARH 3720 - History of Prints **Credit Hours: 3**
- ARH 3728 - History of Illustration **Credit Hours: 3**
- ARH 3820 - Visual Arts Administration Vitas **Credit Hours: 3**
- ARH 4130 - Greek Art and Architecture **Credit Hours: 3**
- ARH 4150 - Roman Art and Architecture **Credit Hours: 3**
- ARH 4200 - Medieval Art **Credit Hours: 3**
- ARH 4350 - Baroque Art **Credit Hours: 3**

- ARH 4352 - Italian Baroque Art **Credit Hours: 3**
- ARH 4653 - Meso American Art **Credit Hours: 3**
- ARH 4871 - Women in Art **Credit Hours: 3**
- ARH 5897 - Advanced Seminar in Art History **Credits Hours: 3**
- ARH 3XXX-4XXX - Additional Art History course **Credit Hours: 3**

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after meeting with a school advisor. Courses may be outside the department.

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 "C" (2.0) GPA average in courses in 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

- 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

- Teacher Education, Art Education Track (B.S.)
- Art - Studio Art Track
- Art - Visual Arts and Emerging Media Management Track

Certificates

- None

Related Minors

- Art - Studio
- Community Arts - PAVE

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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.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)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Summer (8 Credit Hours)

- Foreign Language Elementary Level I **Credit Hours: 4**
- Foreign Language Elementary Level II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ENC 3315 - Argumentative Writing **Credit Hours: 3**
- ARH Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- Foreign Language Intermediate I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- ARH Restricted Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- ARH 4430 - 19th Century Art **Credit Hours: 3**
- ARH (Non-Western/Ancient) **Credit Hours: 3**
- ARH Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- ARH 4310 - Italian Renaissance Art **Credit Hours: 3**
- ARH Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- ARH Restricted Elective **Credit Hours: 3**

Select One:

- ARH 4200 - Medieval Art **Credit Hours: 3**
- ARH 4350 - Baroque Art **Credit Hours: 3**
- ARH 4871 - Women in Art **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- ARH 4450 - 20th Century Art **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**
- ARH Restricted Elective **Credit Hours: 3**

Art, Studio Track (B.A.)

College of Arts and Humanities

School of Visual Arts and Design, Visual Arts Building,
Room: 117

<http://svad.cah.ucf.edu/>

Email: svadadvising@ucf.edu

Phone: 407-823-2676

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 ART 3950 - Portfolio Review before enrolling in upper division ART courses. This portfolio is typically submitted the semester prior to enrolling in upper division ART courses. The Spring review takes place the first week of March. The Fall review takes place the first week of October.
- 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. Nine of these hours must be in an area of specialization.
- Grades below "C" (2.0) in lower level ART and ARH courses do not satisfy major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with a School advisor at least once annually.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)
- Select a course from group Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers (3 Credit Hours)

- Select a course from GEP Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (18 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- Any ART 2XXX-4XXX studio or media course **Credit Hours: 3**

Core Requirements: Basic Level (6 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**
- ART 3950 - Portfolio Review **Credit Hours: 0**

Core Requirements: Advanced Level

- None

Restricted Electives (27 Credit Hours)

- 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:

Art History

Any upper-level ARH course(s)

Book Arts

- ART 3170C - Book Binding **Credit Hours: 3**
- ART 3171C - Materials for Artist Books **Credit Hours: 3**
- ART 3175C - Advanced Issues in Contemporary Book Arts **Credit Hours: 3**
- ART 3176C - The Illuminated Book **Credit Hours: 3**
- ART 3737C - Narrative Sculpture **Credit Hours: 3**¹
- ART 4172C - Book Repair and Restoration **Credit Hours: 3**
- ART 4173C - The Artist Book **Credit Hours: 3**
- ART 4174C - The Printed Book **Credit Hours: 3**
- ART 4177C - Commercial Book Design and Publishing **Credit Hours: 3**
- ART 4644C - Books Without Books **Credit Hours: 3**¹
¹ May be repeated for credit.

Ceramics

- ART 3761C - Intermediate Ceramics **Credit Hours: 3**
- ART 4783C - Advanced Ceramics **Credit Hours: 3**¹
¹ May be repeated for credit.

Drawing and Printmaking

- ART 3332C - Intermediate Drawing **Credit Hours: 3**
- ART 3433C - Screenprinting **Credit Hours: 3**
- ART 4320C - Advanced Drawing **Credit Hours: 3**¹
- ART 4402C - Advanced Printmaking **Credit Hours: 3**¹
¹ May be repeated for credit.

Illustration

- GRA 3747C - Intermediate Illustration I **Credit Hours: 3**
- GRA 4154C - Advanced Illustration **Credit Hours: 3**¹
¹ May be repeated for credit.

Painting

- ART 3504C - Intermediate Painting **Credit Hours: 3**
- ART 4505C - Advanced Painting **Credit Hours: 3**¹
¹ May be repeated for credit.

Photography

- PGY 3410C - Intermediate Photography **Credit Hours: 3**
- PGY 4420C - Advanced Photography **Credit Hours: 3**¹
- PGY 4440C - Special Problems in Photography **Credit Hours: 3**
¹ May be repeated for credit.

Sculpture

- ART 3709C - Intermediate Sculpture **Credit Hours: 3**
- ART 4710C - Advanced Sculpture **Credit Hours: 3**¹
¹ May be repeated for credit.

Time Arts

- ART 3161 - Mixed Media **Credit Hours: 3**
- ART 3833C - Processes and Ideas in Art **Credit Hours: 3**
- FIL 4735C - Experimental Animation **Credit Hours: 3**¹
- FIL 4750C - Experimental Animation Workshop **Credit Hours: 3**¹
¹ May be repeated for credit.

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 - Portfolio Review **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a GPA (2.0) overall in courses within 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

- 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

- Teacher Education, Art Education Track (B.S.)
- Emerging Media, Character Animation Track (B.F.A.)

- Emerging Media, Graphic Design Track (B.F.A.)
- Emerging Media, Experimental Animation Track (B.F.A.)

Certificates

- None

Related Minors

- Digital Media Minor

Advising Notes

- <http://svad.cah.ucf.edu/students>
- svadadvising@ucf.edu

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

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 (12 Credit Hours)

- ARH 2050 - History of Western Art I **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 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- Foreign Language Elementary Level I **Credit Hours: 4**
- ART 3950 - Portfolio Review **Credit Hours: 0**
- Studio Art Restricted Elective Area 1 **Credit Hours: 3**
- Studio Art Restricted Elective Area 2 **Credit Hours: 3**
- Studio Art Restricted Elective Area 3 **Credit Hours: 3**

- 2000-4000 Level Studio Art Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- Foreign Language Elementary Level II **Credit Hours: 4**
- 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**

Senior 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**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Spring (16 Credit Hours)

- Studio Art Restricted Elective Area 3 **Credit Hours: 3**
- Studio Art Restricted Elective Area 3 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Art, Visual Arts and Emerging Media Management Track (B.A.)

College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

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. Note: Although the

school maintains a computer lab for student use, majors must have continual access to a computer. Contact the program for the minimum hardware and software specifications.

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 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- All junior level students in this program must satisfactorily complete the mandatory ART 3950 - Portfolio Review ONLY if they wish to enroll in upper division ART courses, otherwise, students in this program are not required to complete ART 3950 - Portfolio Review. The Spring review takes place the first week of March. The Fall review takes place the first week of October.
- Students must earn at least a "C" (2.0) in each required course.
- Co-op internship credits are not permitted in this major without prior written permission.
- Students should consult with a School advisor at least once annually.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Take all of the following: (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Suggested)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Suggested)
- Select a course from group Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam. **Credit Hours: 3**

Statistics - Computers

Select a course from Mathematical Foundation, Area 2 list

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (18 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information

- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**¹

¹ See Transfer Notes for possible substitutes

- ART 2XXX-4XXX Any ART prefix, studio, or media course **Credit Hours: 3**

Core Requirements: Basic Level (6 Credit Hours)

- ART 2823 - Art as Interface **Credit Hours: 3**
- ARH 2500 - History of Non-Western Art **Credit Hours: 3**

Core Requirements: Advanced Level (3 Credit Hours)

- ART 3950 - Portfolio Review **Credit Hours: 0** ¹
¹ Only required if the student intends to enroll in courses that require this as a pre-requisite
- ENT 3613 - Creativity and Entrepreneurship **Credit Hours: 3** ²
² This course may also be applied toward an 18 credit Minor in Technological Entrepreneurship.

Restricted Electives (21 Credit Hours)

- A list of approved restricted elective courses is found in the myKnight audit
- Select restricted electives as required from each of these four areas of emphasis:

Aesthetics and Theory (6 Credit Hours)

Select 2: (6 Credit Hours)

- ARH 4450 - 20th Century Art **Credit Hours: 3**
- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
- ARH 3710 - History of Photography I **Credit Hours: 3**
- ARH 3720 - History of Prints **Credit Hours: 3**
- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- PHI 3800 - Aesthetics **Credit Hours: 3**

Written Communication (3 Credit Hours)

Select 1: (3 Credit Hours)

- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**

Information Management (6 Credit Hours)

Select 2: (6 Credit Hours)

- DIG 3043 - Evolution of Video Games **Credit Hours: 3**
- DIG 3525 - Digital Media Production I **Credit Hours: 3** ¹
- DIG 3480 - Computer as a Medium **Credit Hours: 3**
- DIG 3563 - Information Management and Entrepreneurship **Credit Hours: 3** ¹
- DIG 3716C - Client-Side Scripting **Credit Hours: 3**
- DIG 4630 - Creative Industries **Credit Hours: 3**
- DIG 5565C - Digital Asset Management Systems **Credit Hours: 3**
- FIL 4040 - Animation Film History for Non Film Majors **Credit Hours: 3**

¹ These courses may also be applied toward an 18 credit Minor in Technological Entrepreneurship

Business (3 Credit Hours)

Select 1: (3 Credit Hours)

- MAR 3023 - Marketing **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**

Arts Management (3 Credit Hours)

Select One:

- ARE 3944 - Community Arts Practicum **Credit Hours: 3**
- FIL 5612 - Film and Internet Business **Credit Hours: 3**
- ARE 4260 - Methods in Art Administration **Credit Hours: 3**
- ARH 3820 - Visual Arts Administration Vitas **Credit Hours: 3**
- FIL 4647 - Film Production Management **Credit Hours: 3**
- PGY 3480 - Museum and Gallery Practices **Credit Hours: 3**

Capstone Requirements

- DIG 4855 - Converging Media Capstone **Credit Hours:**
3

Electives

- (Credit hours are variable)
- 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):
- DIG 4855 - Converging Media Capstone **Credit Hours:**
3

Required Minors

- None

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

- Art, History Track (B.A.)
- Studio Art (B.F.A.)
- Teacher Education, Art Education Track (B.S.)

Certificates

- None

Related Minors

- Community Arts - PAVE Minor
- Digital Media Minor
- Technological Entrepreneurship Minor

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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 (12 Credit Hours)

- ARH 2050 - History of Western Art I **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**
- ENC 1102 - Composition II **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**

- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ENT 3613 - Creativity and Entrepreneurship **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- Aesthetics and Theory Restricted Electives **Credit Hours: 3**
- 2000-4000 Level Studio Art Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- Foreign Language Elementary Level II **Credit Hours: 4**
- Aesthetics and Theory Restricted Elective **Credit Hours: 3**
- Written Communication Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Information Management Restricted Elective **Credit Hours: 3**
- Business Restricted Elective **Credit Hours: 3**
- Arts Management Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Spring (16 Credit Hours)

- DIG 4855 - Converging Media Capstone **Credit Hours: 3**
- Information Management Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Emerging Media, Experimental Animation Track (B.F.A.)

College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

The Emerging Media BFA 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. Provide extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design. It is recognized that there are many combinations of courses which meet the needs of individual students. Three tracks - Character Animation, Experimental Animation and Graphic Design - lead to a Bachelor of Fine Arts degree.

The Experimental Animation track encourages students to explore expression through innovative and hybrid analog and digital methodology: we approach animation from an artistic, individualized point of view. In the major, students engage in classic, current, and widely varied techniques and mediums making moving images which may be narrative or non-narrative. By graduation, each student has developed a unique creative vision which culminates in the completion of a B.F.A. thesis project and exhibition/screening. 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 as understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Admission Requirements

- Experimental Animation: all junior level Experimental Animation students must satisfactorily complete the mandatory ART 3950-Portfolio Review before enrolling in upper division ART courses or Experimental Animation restricted electives. The Spring review takes place in the first week of March. The Fall review takes place in the first week of October.
- Students unable to satisfactorily complete ART 3950-Portfolio Review may continue in the Art History or the Visual Art and Emerging Media Management tracks.
- 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 on a regular basis.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Computer Store or see the website (<http://www.cstore.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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (15 Credit Hours)

- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (21 Credit Hours)

- ART 3737C - Narrative Sculpture **Credit Hours: 3**
- ART 3950 - Portfolio Review **Credit Hours: 0**
- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3**
- FIL 3720C - Introduction to Animation **Credit Hours: 3**
- FIL 3734C - Intermediate Animation **Credit Hours: 3**
- FIL 4735C - Experimental Animation **Credit Hours: 3**
- FIL 4750C - Experimental Animation Workshop **Credit Hours: 3**
- GRA 4802C - Advanced Computer Graphic Design **Credit Hours: 3**

Restricted Electives (24 Credit Hours)

- Complete 24 hours of upper level courses from the following areas and the associated prefixes: Studio Art (ART), Digital Media (DIG), Film (FIL), Graphic Design (GRA*), and/or Photography (PGY). No more than 9 hours can be taken in a single area.
- *Successful completion of Graphic Design portfolio (GRA 3950) required for admission into GRA courses.

Capstone Requirements (3 Credit Hours)

- ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**
Offered in fall and spring terms

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.
- Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, Communication, Computer Science, etc. as approved by the School.

Additional Requirements

Signature Experience requirement is met by successful completion of the following course(s):

- ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**
Offered in fall and spring terms

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a "B" (3.0) GPA in all major requirements.

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

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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.oecas.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**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **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 2300C - Drawing Fundamentals I **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- 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**

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 3950 - Portfolio Review **Credit Hours: 0**
- FIL 3720C - Introduction to Animation **Credit Hours: 3**
- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- FIL 3734C - Intermediate Animation **Credit Hours: 3**
- ART 3737C - Narrative Sculpture **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 1**

Senior Year - Fall (15 Credit Hours)

- FIL 4735C - Experimental Animation **Credit Hours: 3**
- GRA 4802C - Advanced Computer Graphic Design **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**
- FIL 4750C - Experimental Animation Workshop **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Emerging Media, Character Animation Track (B.F.A.)

College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

The Emerging Media BFA 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. Provide extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design. It is recognized that there are many combinations of courses which meet the needs of individual students. Three tracks - Character Animation, Experimental Animation and Graphic Design - lead to a Bachelor of Fine Arts degree.

The Character Animation track is a two-year cohort of studies designed to prepare students for careers as animators, modelers, riggers, or texture artists in the film or computer game industries. 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

- Character Animation: students must satisfactorily complete the mandatory DIG 3951 - Character Animation Portfolio Review before enrolling in any Character Animation Core Requirements - Advanced Level courses. The Character Animation portfolio review is only held in Spring, and typically takes place near the end of February.
- Students unable to satisfactorily complete, DIG 3951 - Character Animation Portfolio Review, may continue in the Art History or the Visual Art and Emerging Media Management tracks or, successfully complete Sophomore

Portfolio review (ART 3950) in order to pursue a Studio Art major.

- 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 on a regular basis.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Computer Store or see the website (<http://www.cstore.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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Take all of the following: (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Take all of the following: (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (15 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3** GEP
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**

- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**

Core Requirements: Advanced Level (45 Credit Hours)

- ART 3643C - Digital Effects & Compositing **Credit Hours: 3**
- DIG 3355C - Artificial Environments and Effects **Credit Hours: 3**
- DIG 3433C - Visual Storytelling and Visual Development **Credit Hours: 3**
- DIG 3951 - Character Animation Portfolio Review **Credit Hours: 0**
- DIG 4206C - New Imagery in Motion Workshop **Credit Hours: 3**
- DIG 4323C - Modeling for Visual Language **Credit Hours: 3**
- DIG 4325C - Look Modeling Workshop **Credit Hours: 3**
- DIG 4326C - Geometrical Modeling Workshop **Credit Hours: 3**
- DIG 4354C - Advanced 3D Animation **Credit Hours: 3**
- DIG 4359C - Artificial Environments and Effects Workshop **Credit Hours: 3**
- DIG 4373C - 3D Textures **Credit Hours: 3**
- DIG 4394C - Motion Graphics: Advanced Compositing **Credit Hours: 3**
- DIG 4451C - Visual Storytelling and Visual Development Workshop **Credit Hours: 3**
- DIG 4624C - Digital Production in Artificial Environments **Credit Hours: 3**
- FIL 3720C - Introduction to Animation **Credit Hours: 3**
- FIL 3734C - Intermediate Animation **Credit Hours: 3**

Restricted Electives

- None

Capstone Requirements (6 Credit Hours)

- DIG 4434C - Narrative Techniques in the Moving Image **Credit Hours: 3**

- DIG 4486C - Visual Language of Moving Image II
Credit Hours: 3

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.
- Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, Communication, Computer Science, etc. as approved by the School.

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

- Achieve at least a "B" (3.0) GPA in all major requirements.

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

- Studio Art (B.F.A.)
- English, Technical Communication (B.A.)

Certificates

- None

Related Minors

- Art - Studio Minor
- Information Technology Minor
- Computer Science Minor
- English, Technical Communication Minor
- Film, Cinema Studies Minor
- Music Minor

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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

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**
- GEP **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **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 2300C - Drawing Fundamentals I **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- 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**

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 4359C - Artificial Environments and Effects Workshop **Credit Hours: 3**
- DIG 4451C - Visual Storytelling and Visual Development Workshop **Credit Hours: 3**
- FIL 3734C - Intermediate Animation **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 (15 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**
- GEP **Credit Hours: 3**

Emerging Media, Graphic Design Track (B.F.A.)

College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building,
Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

The Emerging Media BFA 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. Provide extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual

Arts and Design. It is recognized that there are many combinations of courses which meet the needs of individual students. Three tracks - Character Animation, Experimental Animation and Graphic Design - lead to a Bachelor of Fine Arts degree.

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, identity systems, packaging, film and broadcast graphics, posters, interactive and web design. 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 as understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Admission Requirements

- Graphic Design: students must satisfactorily complete the mandatory GRA 3950 - Graphic Design Portfolio Application course before enrolling in any Graphic Design restricted electives. The Graphic Design portfolio review is only held in Spring, and typically takes place near the end of February.
- Students unable to satisfactorily complete GRA 3950 - Graphic Design Portfolio Application may continue in the Art History or the Visual Art and Emerging Media Management tracks or, successfully complete Sophomore Portfolio review (ART 3950) in order to pursue a Studio Art major.
- 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 on a regular basis.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Computer Store or see the website (<http://www.cstore.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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Required)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (15 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**

Core Requirements: Advance Level (21 Credit Hours)

- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3**
- GRA 3102C - Intermediate Graphic Design I **Credit Hours: 3**
- GRA 3112C - Intermediate Graphic Design II **Credit Hours: 3**
- GRA 3202C - Type & Design **Credit Hours: 3**
- GRA 3803C - Intermediate Computer Graphic Design **Credit Hours: 3**
- GRA 3950 - Graphic Design Portfolio Application **Credit Hours: 0**
- GRA 4196C - Advanced Graphic Design **Credit Hours: 3**
- GRA 4802C - Advanced Computer Graphic Design **Credit Hours: 3**

Restricted Electives (27 Credit Hours)

Complete 27 hours of credits from the following areas:

- 9 hours of 3000 or 4000 level art history courses
- 18 hours of 3000 or 4000 level ART, DIG, FIL, GRA, or PGY courses. Additional upper level courses may be approved by SVAD advisor. Course(s) must be approved before course(s) are taken.

Capstone Requirements (3 Credit Hours)

- GRA 4197C - Special Problems in Graphic Design
Credit Hours: 3

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.
- Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, Communication, Computer Science, etc. as approved by the School.

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

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

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **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 2300C - Drawing Fundamentals I **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- 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**

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 Application **Credit Hours: 0**
- GRA 3102C - Intermediate Graphic Design I **Credit Hours: 3**
- GRA 3202C - Type & Design **Credit Hours: 3**
- DIG 4780C - Modeling for Realtime Systems **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**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **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**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- GRA 4197C - Special Problems in Graphic Design **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**

Photography (B.S.)

College of Arts and Humanities

School of Visual Arts and Design

(This program is offered by UCF at the Daytona Beach Campus)

<http://svad.cah.ucf.edu/bsphotography>

Phone: 386-506-4093

This program is offered by UCF at the Daytona Beach Campus. Photography is also available as an area of concentration 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. 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, school courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

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 maintain an overall GPA of at least 2.0
- Upper-division electives, internship credit, and course substitutions must be approved by the program director.
- Students should consult with a Photography advisor before selecting this major, and at least annually thereafter.

General Education Program (GEP) (36 Credit Hours)

- 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 (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required) ¹
- ¹ If not already completed as part of the A.S. degree, after acceptance into the program.
- ENC 1102 - Composition II **Credit Hours: 3** (Required)
- SPC 2600 - Speech (A.S.) **Credit Hours: 3**

Cultural and Historical Foundations (9 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required) ¹
- ¹ If not already completed as part of the A.S. degree, after acceptance into the program.

Mathematical Foundations (6 Credit Hours)

If not already completed as part of the A.S. degree, after acceptance into the program.

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)
- 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 (6 Credit Hours)

If not already completed as part of the A.S. degree, after acceptance into the program.

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- Psychology or Sociology **Credit Hours: 3**

Science Foundations (6 Credit Hours)

- Physical Science **Credit Hours: 3**
- Life Science **Credit Hours: 3**

Common Program Prerequisites (CPP)

(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.

- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP) ¹

¹ Already included in A.S. requirements.

- PGY 3651C - Narrative Editorial Photography **Credit Hours: 3** ²

² Already included in B.S. requirements.

- PGY 1403 - Fundamentals of Photography¹

¹Already included in A.S. requirements.

Core Requirements: Basic Level (49 Credit Hours)

- Completed A.S. in Photographic Technology at Daytona State College, or equivalent coursework

Core Requirements: Advanced Level (33 Credit Hours)

- PGY 3002 - Contemporary Photography **Credit Hours: 3**
- PGY 3205C - Photographic Lighting Techniques **Credit Hours: 3**
- PGY 3276 - The Professional Environment **Credit Hours: 3**
- PGY 3472C - Photo Visualization **Credit Hours: 3**
- PGY 3653C - Advanced Editorial Photography **Credit Hours: 3**
- PGY 3751C - Videography **Credit Hours: 3**
- PGY 3821C - Advanced Digital Photography **Credit Hours: 3**
- PGY 4003 - Image, Culture, and Society **Credit Hours: 3**
- PGY 4228C - Advanced Illustrative Photography **Credit Hours: 3**
- PGY 4471C - Photography Thesis **Credit Hours: 3**
- PGY 3651C - Narrative Editorial Photography **Credit Hours: 3** (CPP)

Select one of the following courses:

- CRW 3011 - Creative Writing for Non-Majors **Credit Hours: 3** or
- ENC 3250 - Professional Writing **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Select two of the following courses:

- PGY 3451C - Alternative Processes **Credit Hours: 3** or
- PGY 3480 - Museum and Gallery Practices **Credit Hours: 3** or
- PGY 3703C - Photography & the Web **Credit Hours: 3** or
- PGY 4235C - Professional Photographic Workshop **Credit Hours: 3** or
- PGY 4493C - Photography and Art **Credit Hours: 3** or
- PGY 4941 - Internship **Credit Hours: 3**

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):
- PGY 4471C - Photography Thesis **Credit Hours: 3**

Required Minors

- None

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: 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>.

Related Programs

- None

Certificates

- None

Related Minors

- None

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: 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

Freshman Year - Fall

- Daytona State College - Photo Technology AS Degree Program

Freshman Year - Spring

- Daytona State College - Photo Technology AS Degree Program

Freshman Year - Summer

- Daytona State College - Photo Technology AS Degree Program

Sophomore Year - Fall

- Daytona State College - Photo Technology AS Degree Program

Sophomore Year - Spring

- Daytona State College - Photo Technology AS Degree Program

Junior Year - Fall (15 Credit Hours)

- PGY 3205C - Photographic Lighting Techniques **Credit Hours: 3**
- PGY 3821C - Advanced Digital Photography **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 3002 - Contemporary Photography **Credit Hours: 3**
- PGY 3651C - Narrative Editorial Photography **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

Select One:

- ENC 3250 - Professional Writing **Credit Hours: 3**
- CRW 3011 - Creative Writing for Non-Majors **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PGY 3653C - Advanced Editorial Photography **Credit Hours: 3**
- PGY 3751C - Videography **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 3276 - The Professional Environment **Credit Hours: 3**
- PGY 4471C - Photography Thesis **Credit Hours: 3**
- PGY Restricted Elective **Credit Hours: 3**
- PGY Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Studio Art (B.F.A.)

College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building,
Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

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. 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 ART 3950 - Portfolio Review before enrolling in upper division ART courses. This portfolio is typically submitted the semester prior to enrolling in upper division ART courses. The Spring review takes place in the first week of March. The Fall review takes place in the first week of October.
- Students unable to satisfactorily complete ART 3950 - Portfolio Review may continue in the Art History or the Visual Art and Emerging Media Management tracks.
- Students may apply to the BFA Program as early as the first semester of their Junior year if they maintain a 3.0 overall average in upper level courses in the major. Students who do not meet these requirements may petition the BFA committee for acceptance.
- "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; 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 a School advisor, and an advisor in their studio specialization.

- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Take all of the following: (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Required)
- Select a course from group Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Prefer)
- or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Prefer) ¹

Statistics-Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**
- ¹ (may substitute a higher level math)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (18 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information

- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- ARH 2051 - History of Western Art II **Credit Hours: 3** (GEP)
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- Any ART prefix, studio, or media courses at the 2000-4000 levels **Credit Hours: 3**

Core Requirements: Basic Level (6 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**

Core Requirements: Advanced Level

- ART 3950 - Portfolio Review **Credit Hours: 0**

Restricted Electives (42 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Specialization: (18 Credit Hours)

Select six upper division courses from one area:

Book Arts

- ART 3170C - Book Binding **Credit Hours: 3**
- ART 3171C - Materials for Artist Books **Credit Hours: 3**
- ART 3175C - Advanced Issues in Contemporary Book Arts **Credit Hours: 3**
- ART 3176C - The Illuminated Book **Credit Hours: 3**
- ART 3737C - Narrative Sculpture **Credit Hours: 3**

- ART 4172C - Book Repair and Restoration **Credit Hours: 3**
- ART 4173C - The Artist Book **Credit Hours: 3**
- ART 4174C - The Printed Book **Credit Hours: 3**
- ART 4177C - Commercial Book Design and Publishing **Credit Hours: 3**
- ART 4644C - Books Without Books **Credit Hours: 3**

Ceramics/Sculpture Combination

- ART 3761C - Intermediate Ceramics **Credit Hours: 3**
- ART 3764C - Ceramic Handbuilding I **Credit Hours: 3**
- ART 4783C - Advanced Ceramics **Credit Hours: 3**¹
- ART 4786C - Ceramic Raw Material **Credit Hours: 3**
- ART 3709C - Intermediate Sculpture **Credit Hours: 3**
- ART 4710C - Advanced Sculpture **Credit Hours: 3**¹

¹ May be repeated for credit.

Drawing

- ART 3332C - Intermediate Drawing **Credit Hours: 3**
- ART 4320C - Advanced Drawing **Credit Hours: 3**¹

¹ May be repeated for credit.

Drawing/Printmaking Combination

- ART 3332C - Intermediate Drawing **Credit Hours: 3**
- ART 4320C - Advanced Drawing **Credit Hours: 3**¹
- ART 3433C - Screenprinting **Credit Hours: 3**
- ART 4402C - Advanced Printmaking **Credit Hours: 3**¹

¹ May be repeated for credit.

Drawing/Illustration Combination

- ART 3332C - Intermediate Drawing **Credit Hours: 3**
- ART 4320C - Advanced Drawing **Credit Hours: 3**¹
- GRA 3747C - Intermediate Illustration I **Credit Hours: 3**
- GRA 4154C - Advanced Illustration **Credit Hours: 3**¹

¹ May be repeated for credit.

Painting

- ART 3504C - Intermediate Painting **Credit Hours: 3**
- ART 4505C - Advanced Painting **Credit Hours: 3**¹

¹ May be repeated for credit.

Photography

- PGY 3410C - Intermediate Photography **Credit Hours: 3**
- PGY 4420C - Advanced Photography **Credit Hours: 3**¹
- PGY 4440C - Special Problems in Photography **Credit Hours: 3**

¹ May be repeated for credit.

Electives in Art: (15 Credit Hours)

- Select five Art courses; two of which may be lower division. 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.

Additional Electives (9 Credit Hours)

- Select three upper division Art History courses.

Capstone Requirements

- None

Electives

- Select primarily from upper level courses, with school advisor's approval. 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 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 (3 Credit Hours)

- Achieve at least a "B" (3.0) GPA in all major requirements.
- Each senior is required to submit a portfolio of representative work in the student's specialization, for review and approval by faculty, during their last semester of matriculation toward the degree. This requirement is met by registering in ART 4935 - BFA Exhibit/Seminar. Please note that the seminar is only offered during the Spring 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.

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, History Track (B.A.)
- Emerging Media, Character Animation Track (B.F.A.)
- Emerging Media, Experimental Animation Track (B.F.A.)
- Emerging Media, Graphic Design Track (B.F.A.)
- Art, Visual Arts and Emerging Media Management Track (B.A.)

Certificates

- None

Related Minors

- Community Arts - PAVE Minor

Advising Notes

- <http://svad.cah.ucf.edu/students>
- 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.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**
- ART 2823 - Art as Interface **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- GEP **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 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ART 3950 - Portfolio Review **Credit Hours: 0**

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- Specialization Restricted Elective **Credit Hours: 3**
- Any 2000-4000 Level Art Studio Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**
- Specialization Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective Area I **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective Area II **Credit Hours: 3**
- Outside Specialization Restricted Elective Area III **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**
- Outside Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 1**

Minor

Art - Studio Minor

College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

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

Required Courses (18 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ART 3950 - Portfolio Review **Credit Hours: 0**

Restricted Electives (6 Credit Hours)

- Six semester hours of studio art in one area of specialization at the 3000-4000 level
- A list of approved restricted elective courses is found in the myKnight audit

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 24

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- At least six of the required hours must be regularly scheduled 3000-4000 level courses in one area of specialization and taken at UCF.
- 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.
- Co-op, Independent Study, Directed Research, or Internship credit cannot be used in the minor.
- Students in this program must satisfactorily complete the mandatory ART 3950 - Portfolio Review before enrolling in upper division ART courses. This portfolio is typically submitted the semester prior to enrolling in upper division ART courses. The Spring review takes place the first week of March. The Fall review takes place the first week of October.

Art History Minor

College of Arts and Humanities
School of Visual Arts and Design, Visual Arts Building,
Room: 117
<http://svad.cah.ucf.edu/>
Email: svadadvising@ucf.edu

Phone: 407-823-2676

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

Required Courses (15 Credit Hours)

Take the following: (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ARH 2500 - History of Non-Western Art **Credit Hours: 3**

Select One: (3 Credit Hours)

- ARH 4310 - Italian Renaissance Art **Credit Hours: 3**
- ARH 4450 - 20th Century Art **Credit Hours: 3**

Non-Western/Ancient Course Requirement (3 Credit Hours)

Select One: (3 Credit Hours)

- ARH 3670 - 20th Century Latin American Art **Credit Hours: 3**
- ARH 4130 - Greek Art and Architecture **Credit Hours: 3**
- ARH 4150 - Roman Art and Architecture **Credit Hours: 3**
- ARH 4653 - Meso American Art **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- A list of approved restricted elective courses is found in the myKnight audit

Select One: (3 Credit Hours)

- ARH 4200 - Medieval Art **Credit Hours: 3**
- ARH 4350 - Baroque Art **Credit Hours: 3**
- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- ARH 4871 - Women in Art **Credit Hours: 3**
- ARH 4430 - 19th Century Art **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) 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.

Community Arts - PAVE Minor

**College of Arts and Humanities
School of Visual Arts and Design,
Visual Arts Building, Room: 117**
<http://svad.cah.ucf.edu/>

Phone: 407-823-2676

Minor Admission Requirements

- None

Minor Requirements

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.

Prerequisite Courses

- None

Required Courses

- None

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) 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 in Women's and Gender Studies

Program Director: M.C. Santana
Trevor Colbourn Hall 348; 407-823-6502
Email: womenst@ucf.edu
<http://wgst.cah.ucf.edu/>

Faculty: Bubriski, Preston-Sidler, Santana

The Women's and Gender Studies program offers an interdisciplinary minor and a certificate in Women's and Gender Studies in cooperation with several departments, programs, and schools. The program examines women's roles in and contributions to past and pre-sent societies, and provides practical and theoretical knowledge about women's and gender issues.

Minor

Women's and Gender Studies Minor

College of Arts and Humanities
Program in Women's and Gender Studies,
Trevor Colbourn Hall, Room: 348A
<http://wgst.cah.ucf.edu/>
Email: wgst@ucf.edu

Dr. M.C. Santana
Phone: 407-823-6502

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, 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

Required Courses (12 Credit Hours)

- WST 3015 - Introduction to Women's Studies **Credit Hours: 3**
- WST 3603 - Introduction to Gender Studies **Credit Hours: 3**

Select Two:

Select two courses from the list below, one of which must be a WST prefixed course.

- WST 3522 - First and Second Wave Feminisms **Credit Hours: 3**
- WST 3561 - Third Wave Feminisms **Credit Hours: 3**
- WST 3621 - Theories of Masculinity **Credit Hours: 3**
- WST 4415 - Global and Transnational Feminism **Credit Hours: 3**
- LIT 4554 - Advanced Feminist Theories **Credit Hours: 3**
- PHM 3123 - Feminist Theories **Credit Hours: 3**
- WST 3020 - Girls' Studies **Credit Hours: 3**
- WST 3460 - Women, Race and Struggle **Credit Hours: 3**
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3**
- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3**

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.

Certificate

Gender Studies Certificate

College of Arts and Humanities
Program in Women's and Gender Studies,
Trevor Colbourn Hall, Room: 348A
<http://wgst.cah.ucf.edu/>
Email: wgst@ucf.edu

Dr. M.C. Santana
Phone: 407-823-6502

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

Required Courses (3 Credit Hours)

- WST 3603 - Introduction to Gender Studies **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

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.

- WST 3621 - Theories of Masculinity **Credit Hours: 3**
- WST 3500 - Gender Issues and Community Activism **Credit Hours: 3**
- WST 4002 - Research in Women and Gender Studies **Credit Hours: 3**
- HUM 4823 - Queer Theory in the Humanities **Credit Hours: 3**
- HUM 3326 - Theories of Sex and Gender in Humanities **Credit Hours: 3**
- ENC 4374 - Gendered Rhetorics **Credit Hours: 3**
- THE 3272 - Shakespeare to RuPaul: Drag in Entertainment **Credit Hours: 3**
- COM 4014 - Gender Issues in Communication **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- SYD 3800 - Sex and Gender in Society **Credit Hours: 3**
- WST 4941 - Internship **Credit Hours: 3**

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.

College of Business Administration

Dean: Paul Jarley
BA1 230; 407-823-2181
<http://business.ucf.edu>

Associate Dean: Foard Jones
BA1 230; 407-823-2181

Associate Dean: Sevil Sonmez
BA1 230; 407-823-2181

Assistant Dean: Darrell Johnson
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
 - 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 "3.0" is required in the introductory course of your desired major and a minimum grade of C "2.0" 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 "2.0" in the introductory course of the desired major. 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:
<http://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:
 - a. QMB 3555 - Business Research for Decision Making (3 credit hours)
 - b. BUL 3130 - Legal and Ethical Environment of Business (3 credit hours)
 - c. MAR 3203 - Supply Chain and Operations Management (3 credit hours)
 - d. 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.

- a. GEB 3005 - Career Search Strategy (1 credit hour)
- b. GEB 4223 - Business Interviewing Techniques (1 credit hour)
- c. 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 will be waived from QMB 3003 - Quantitative Business Tools I. Students who have completed either MAC 2233 or STA 2023, but not both, must take QMB 3003. Completion of these courses with a minimum grade of C "2.0" 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" (2.0) 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
BA2101; 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: <http://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:
<http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the College of Business Administration are listed below.

Major

Marketing (B.S.B.A.)

College of Business Administration

Department of Marketing,

Business Administration II, Room: 307S

<http://business.ucf.edu/undergraduate-programs>

Phone: 407-823-2108

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.

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" (2.0) 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" (3.0) in MAR 3023, and no grade below a "C" (2.0). One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Marketing must apply for admission to 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" (2.0) or higher transfer into the program and students must earn a minimum of "C" (2.0) or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Basic Level, Core

Requirements: Advanced Level, Restricted Electives, and Capstone Requirements below.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Suggested)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
(Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
(Course also counts as GEP)

Select one of the following sequences of courses:

Students who have not completed both MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take QMB 3003 - Quantitative Business Tools I

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
or
- ¹ MAC 2233 - Concepts of Calculus **Credit Hours: 3** and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
¹ or MAC 2311C and MAC 2312

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (57 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**

- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Required Courses for Major

Marketing Management Track: Required (24 Credit Hours)

- MAR 3391 - Professional Selling **Credit Hours: 3**
- MAR 3503 - Consumer Behavior **Credit Hours: 3**
- MAR 3613 - Marketing Research **Credit Hours: 3**
- MAR 3615 - Marketing Analysis **Credit Hours: 3**
- MAR 3721 - Digital Media Marketing **Credit Hours: 3**
- MAR 4804 - Marketing Strategy **Credit Hours: 3**
- MAR 4418 - Strategic Sales Force Management **Credit Hours: 3**
- MAR 4832 - Product Management **Credit Hours: 3**

Marketing Management Track: Electives (3 Credit Hours)

Select One: (3 Credit Hours)

- MAR 4841 - Services Marketing **Credit Hours: 3**
- MAR 4941 - Marketing Internship **Credit Hours: 3**

Professional Selling Track: Required (27 Credit Hours)

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-" (2.75) or higher in the following course to apply:

- MAR 3391 - Professional Selling **Credit Hours: 3**

Take all of the following:

- MAR 3391 - Professional Selling **Credit Hours: 3**
- MAR 3503 - Consumer Behavior **Credit Hours: 3**
- MAR 3613 - Marketing Research **Credit Hours: 3**
- MAR 3615 - Marketing Analysis **Credit Hours: 3**
- MAR 3721 - Digital Media Marketing **Credit Hours: 3**
- MAR 4804 - Marketing Strategy **Credit Hours: 3**
- MAR 4413C - Strategic Issues in Sales **Credit Hours: 3**
- MAR 4415C - Advanced Professional Selling **Credit Hours: 3**
- MAR 4418 - Strategic Sales Force Management **Credit Hours: 3**

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

- 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

- 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" (2.0) or higher transfer into the program and students must have a "C" (2.0) 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

Plan of Study

- General electives as required to earn 120 credit hours.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- MAR 3391 - Professional Selling **Credit Hours: 3**
- MAR 3503 - Consumer Behavior **Credit Hours: 3**
- MAR 3615 - Marketing Analysis **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Marketing: Marketing Management Track

Senior Year - Fall (15 Credit Hours)

- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3613 - Marketing Research **Credit Hours: 3**
- MAR 3721 - Digital Media Marketing **Credit Hours: 3**
- MAR 4418 - Strategic Sales Force Management **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAN 4720 - Strategic Management **Credit Hours: 3**
- MAR 4804 - Marketing Strategy **Credit Hours: 3**
- MAR 4832 - Product Management **Credit Hours: 3**
- Marketing Elective **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Marketing: Professional Selling Track

Senior Year - Fall (15 Credit Hours)

- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**

- MAR 3721 - Digital Media Marketing **Credit Hours: 3**
- MAR 4415C - Advanced Professional Selling **Credit Hours: 3**
- MAR 4418 - Strategic Sales Force Management **Credit Hours: 3**
- MAR 3613 - Marketing Research **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAR 4804 - Marketing Strategy **Credit Hours: 3**
- MAR 4413C - Strategic Issues in Sales **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- MAN 4720 - Strategic Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Minor

Business Minor

College of Business Administration
Office of Professional Development,
Business Administration II, Room: 101

Phone: 407-823-2184

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.

Required Courses (18 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**

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.

International Business Minor

College of Business Administration
Office of Professional Development,
Business Administration II, Room: 101
<http://business.ucf.edu/study-abroad/>

Joshua Tschiggfrie, Joshua.Tschiggfrie@ucf.edu, 407-823-2185

Open to business and non-business students.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (15 Credit Hours)

- GEB 3375 - Introduction to International Business **Credit Hours: 3**

Select 12 to 15 hours of Study Abroad (12 Credit Hours)

- GEB 3955 - Study Abroad
or
- GEB 4955 - Study Abroad

Restricted Electives (3 Credit Hours)

- 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:

- GEB 4374 - International Negotiations and Transactions **Credit Hours: 3**
- MAN 4600 - International Management **Credit Hours: 3**
- MAN 4441 - Conflict Resolution and Negotiation **Credit Hours: 3**
- MAR 4156 - International Marketing **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.
- 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.

Sport Business Management (SPB) Minor

College of Business Administration
Sport Business Management,
Business Administration II, Room: 302Z
www.sportbusinessminor.com

Dr. Scott Bukstein, Program Director for Sport Business
Minor, scott.bukstein@ucf.edu, 407-823-1513

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

Required Courses (18 Credit Hours)

- SPB 3003 - Introduction to Sport Business Management **Credit Hours: 3**
- SPB 3603 - Diversity and Social Issues in Sport Business Management **Credit Hours: 3**
- SPB 3823 - The Role of Business Entrepreneurship in Sports/Entertainment **Credit Hours: 3**
- SPB 4304 - Sports Event and Facility Management **Credit Hours: 3**
- SPB 4804 - Sport Business and Media **Credit Hours: 3**
- SPB 4251 - Business Law in Sport & Entertainment **Credit Hours: 3**

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.

Certificate

International Business Certificate

College of Business Administration
Office of Professional Development, Business
Administration II., Room: 101
<http://business.ucf.edu/study-abroad/>
Joshua Tschiggfrie, Joshua.Tschiggfrie@ucf.edu, 407-823-

Open to business and non-business students.

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses (9 Credit Hours)

- GEB 3375 - Introduction to International Business **Credit Hours: 3**
Select 6 to 9 hours of Study Abroad:
GEB 3955 - Study Abroad **Credit Hours: 3**
GEB 4955 - Study Abroad **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- 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
- GEB 4374 - International Negotiations and Transactions **Credit Hours: 3**
- MAN 4600 - International Management **Credit Hours: 3**
- MAN 4441 - Conflict Resolution and Negotiation **Credit Hours: 3**
- MAR 4156 - International Marketing **Credit Hours: 3**

Foreign Language Requirements

- None

Total Semester Hours Required:

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.
- A maximum of six hours of the above listed required or elective courses can count toward another major or minor degree program.

Kenneth G. Dixon School of Accounting

Director: Gregory Trompeter
BA1 325D; 407-823-2871

Assistant Chair: Jeffrey Reinking
BA1 430; 407-823-5124

Faculty: Allen, Amoruso, Baudot, Demek, Dennis, Durham, Goldwater, Guerra-Pujol, Hornik, Johnson, Kelliher, Kelly, Libby, Poziemski, Reinking, Robb, Roberts, Rosenthal, Roush, Smith, Tian, Trompeter, Wallace

Mission Statement

The mission of the Kenneth G. Dixon School of Accounting is to develop and deliver strong undergraduate and graduate programs, support and produce nationally and internationally relevant accounting research, and engage meaningfully with the academic and practitioner accounting communities.

Distinctive Benefits

- Strong industry ties allowing for unique opportunities for placement and advancement.
- A competitive internship program that places graduate students in positions with major employers in the community.
- The opportunity to enroll in outstanding graduate programs in accounting and taxation.
- A very strong faculty known for their teaching and research excellence.
- Numerous scholarships available to advanced students.
- Active student organizations including the Student Accounting Society and Beta Alpha Psi.
- A faculty committed to the continuous improvement of our accounting programs.
- Outstanding pass rates on the CPA exam.

Major

Accounting (B.S.B.A.)

College of Business Administration
Kenneth G. Dixon School of Accounting,
Business Administration I, Room: 325

<http://business.ucf.edu/departments-schools/kenneth-g-dixon-school-of-accounting/>

Phone: 407-823-2871

The purpose of the Accounting B.S.B.A. degree is to prepare students to successfully gain admittance to our Accounting M.S.A./M.S.T. 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" (2.0) 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" (3.0) in ACG 3131, and no grade below a "C" (2.0). One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Accounting must apply for admission to 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" (2.0) or higher transfer into the program and students must earn a minimum of "C" (2.0) or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Basic Level, Core Requirements: Advanced Level, Restricted Electives and Capstone Requirements below.

General Education Program (GEP) (36 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 2012 - General Psychology **Credit Hours: 3** (Suggested)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
(Course also satisfies GEP)
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
(Course also satisfies GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
(Course also satisfies GEP)

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take QMB 3003.

QMB 3003 - Quantitative Business Tools I
Credit Hours: 3

or

- MAC 2233 - Concepts of Calculus **Credit Hours: 3**¹
and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
or
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**¹
and
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (48 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3131 - Intermediate Financial Accounting I **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Required courses for major (18 Credit Hours)

- ACG 3141 - Intermediate Financial Accounting II **Credit Hours: 3**
- ACG 3361 - Cost Accounting I **Credit Hours: 3**
- ACG 4401C - Accounting Information Systems **Credit Hours: 3**
- ACG 4651 - Auditing **Credit Hours: 3**
- ACG 4803 - Advanced Issues in Financial Accounting **Credit Hours: 3**
- TAX 4001 - Taxation of Business Entities and Transactions **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Business Electives (9 Credit Hours)

- Choose any three upper level business courses

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

- 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
- 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

- 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 <http://www.myfloridalicense.com/dbpr/certified-public-accounting/> (this website only contains information pertaining to CPA licensure for the state of Florida). We are unable to confirm the educational requirements for licensure and certification of other states not listed above. 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.

are located at:
http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

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 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

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Plan of Study (120 Credit Hours)

- General electives as required to earn 120 credit hours

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3131 - Intermediate Financial Accounting I **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- ACG 3141 - Intermediate Financial Accounting II **Credit Hours: 3**
- ACG 3361 - Cost Accounting I **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- Business Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- ACG 4401C - Accounting Information Systems **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- Business Elective **Credit Hours: 3**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- TAX 4001 - Taxation of Business Entities and Transactions **Credit Hours: 3**
- ACG 4651 - Auditing **Credit Hours: 3**
- ACG 4803 - Advanced Issues in Financial Accounting **Credit Hours: 3**
- MAN 4720 - Strategic Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Minor

Accounting Minor

College of Business Administration

Kenneth G. Dixon School of Accounting,

Business Administration II, Room: 101

<http://business.ucf.edu/departments-schools/kenneth-g-dixon-school-of-accounting/>

Phone: 407-823-2184

Accounting Minor is open to all UCF Majors.

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

Required Courses (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting
Credit Hours: 3
- ACG 2071 - Principles of Managerial Accounting
Credit Hours: 3
- ACG 3131 - Intermediate Financial Accounting I
Credit Hours: 3
- ACG 3141 - Intermediate Financial Accounting II
Credit Hours: 3
- TAX 4001 - Taxation of Business Entities and Transactions
Credit Hours: 3

Restricted Electives (6 Credit Hours)

Select Two:

- ACG 3361 - Cost Accounting I **Credit Hours: 3**
- ACG 3501 - Financial Accounting for Governmental and Nonprofit Organizations
Credit Hours: 3
- ACG 4401C - Accounting Information Systems
Credit Hours: 3
- ACG 4651 - Auditing **Credit Hours: 3**
- ACG 4803 - Advanced Issues in Financial Accounting **Credit Hours: 3**
- TAX 4022 - Individual Federal Income Tax
Credit Hours: 3

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.

Department of Economics

Chair: Michael Caputo
BA2 305-D; 407-823-3266;
Email: economics@ucf.edu

Faculty: Alpanda, Aysun, Braun, Burguet, Caputo, Dickie, Gibbs, Guldi, Hofler, Milon, Paarsch, Schmidbauer, Scrogin, Underwood

Faculty Advisors:

David Scrogin
BA2 302U, 407-823-4129, Email: David.Scrogin@ucf.edu;

Economic issues are prominent in business and government decision-making. Inflation, employment, health care, economic growth, pollution, poverty, and international economic relations are a few important economic issues. The primary strength of Economics is that it provides a logical, ordered way of analyzing a wide variety of problems. Undergraduate education in Economics equips individuals to understand and seek solutions to problems in business, public policy, and other areas.

The Department of Economics offers two undergraduate degree programs: a BSBA degree in Business Economics, and a BS degree in Economics. The BSBA degree in Business Economics provides students with a professional business background that prepares them for careers in private business and government. The BS degree in Economics provides students with a broad-based liberal-arts education that can serve as a strong foundation for graduate studies in economics, finance, law, political science, public policy, and related fields, or as training for careers in politics, teaching, research, and social

service. The BS degree also gives students the opportunity to tailor the program to their individual interests because of its inherent flexibility. For example, the said flexibility permits student to more easily choose a minor or a double major if their interests so dictate.

The department also offers a MS degree in Economics. To make graduates of the program more employable, the Department has updated its MS program to reflect recent developments in quantitative business. First and foremost, quantitative methods of business are informed by theories from economics, as virtually every discipline in business uses basic principles from economics. Particularly important are models of incomplete information and equilibrium strategic behavior. Furthermore, methods of quantitative business rely heavily on tools from econometrics as well as those from mathematical economics and operations research. The updated MS degree program reflects all of these important considerations.

The primary strength of Economics is that it provides a logical, ordered way of analyzing and answering a wide variety of problems. Both degree programs enable students to better understand and thereby provide solutions to, the economic and non-economic issues that are confronted in their jobs and private lives. They also offer the students the opportunity to develop solid analytical and quantitative skills.

Distinctive Benefits

- Opportunity for strong quantitative and analytical training.
- Excellent preparation for law school and graduate school admission.
- Strong preparation for high-paying careers.
- Flexible Curriculum: Students tailor the program to their individual interests through a large selection of electives.
- Interdisciplinary Linkages: Economics provides a solid foundation to link with many other disciplines allowing for a double major in Finance, Real Estate, Mathematics and Political Science.
- Teaching quality: Many of the Economics faculty have received Excellence in Teaching Awards.
- Student Organizations: The Economics Club is an active student organization linking students to Alumni.

Major

Economics (B.S.)

College of Business Administration

**Department of Economics, Business Administration II,
Room: 305**

<http://www.bus.ucf.edu/economics>

Dr. Nora Underwood, BA2 302N

Phone: 407-823-3266

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.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Prefer)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 1012 - General Psychology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (3 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Course also counts as GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (12 Credit Hours)

- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- ECO 3203 - Intermediate Macroeconomics **Credit Hours: 3**

Select one of the following sequences of courses:

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
or
- MAC 2233 - Concepts of Calculus **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
or
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- STA 2023 - Statistical Methods I
Students must receive a "C" (2.0) or better in MAC 2233 and STA 2023 to be waived from QMB 3003

Select one of the following sequences of courses:

- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
or
- STA 4163 - Statistical Methods II **Credit Hours: 3**
or
- STA 4321 - Statistical Theory I **Credit Hours: 3**

Restricted Electives (27 Credit Hours)

All B.S. Economics majors will be required to take a minimum of nine (9) electives by choosing from the following

- ECO 3223 - Money and Banking **Credit Hours: 3**
- ECO 3410 - Mathematical Economics **Credit Hours: 3**

- ECO 3703 - International Microeconomics **Credit Hours: 3**
- ECO 4934 - Topics in Econometrics **Credit Hours: 3**
- ECP 3004 - Seminar on Current Economic Topics **Credit Hours: 3**
- ECP 3203 - Labor Economics **Credit Hours: 3**
- ECP 4303 - Environmental and Natural Resource Economics **Credit Hours: 3**
- ECP 4403 - Industrial Organization **Credit Hours: 3**
- ECS 4013 - Development Economics **Credit Hours: 3**
- ECP 4530 - Health Economics **Credit Hours: 3**
- ECO 4400 - Game Theory and Economics **Credit Hours: 3**
- ECO 4443 - Introduction to Business Analytics **Credit Hours: 3**
- ECO 4412 - Econometrics I **Credit Hours: 3**
- ECO 4422 - Econometrics II **Credit Hours: 3**
- ECO 4504 - Public Economics **Credit Hours: 3**
- ECO 4713 - International Macroeconomics **Credit Hours: 3**

For those students interested in preparing for graduate school in Economics and other graduate studies

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: FIN 3403 is a pre-requisite for these courses.

- FIN 3414 - Intermediate Corporate Finance **Credit Hours: 3**
- FIN 4504 - Equity and Capital Markets **Credit Hours: 3**
- FIN 4604 - International Financial Management **Credit Hours: 3**
- FIN 4243 - Debt and Money Markets **Credit Hours: 3**

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" (2.0) 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 exam in their final 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.

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.)

Certificates

- Business Analytics

Related Minors

- 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" (2.0) 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**

- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation (GEP) **Credit Hours: 3**
- Free Elective **Credits: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- Free Elective

Sophomore Year - Fall (15 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Historical Foundation I
- Science Foundation I
- Economics Restricted Elective
- Free Elective

Sophomore Year - Spring (15 Credit Hours)

- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science Foundation II **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- ECO 3203 - Intermediate Macroeconomics **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Free Elective **Credits Hours: 3**
- Free Elective **Credits Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Economics, Business (B.S.B.A.)

College of Business Administration

**Department of Economics, Business Administration II,
Room: 305**

<http://business.ucf.edu/undergraduate-programs>

Dr. Nora Underwood, nunderwood@ucf.edu

Phone: 407-823-3266

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.

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" (2.0) 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" (2.0) or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

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 apply for admission to 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 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 Economics must earn a grade of "C" (2.0) or better in the following course and each course applied towards the major:
QMB 3200 - Quantitative Business Tools II
Credit Hours: 3

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Prefer)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 1012 - General Psychology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better.

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
(Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
(Course also counts as GEP)

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take QMB 3003 - Quantitative Business Tools I Credit Hours: 3.

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
or
- ¹ MAC 2233 - Concepts of Calculus **Credit Hours: 3** and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ¹ or MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** and
- STA 2023 - Statistical Methods I

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (36 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Required Major Courses (6 Credit Hours)

- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- ECO 3203 - Intermediate Macroeconomics **Credit Hours: 3**

Restricted Electives (18 Credit Hours)

All B.S.B.A. Economics majors will be required to take six (6) electives by choosing from the following:

- ECO 3223 - Money and Banking **Credit Hours: 3**
- ECO 3410 - Mathematical Economics **Credit Hours: 3**
- ECO 3703 - International Microeconomics **Credit Hours: 3**
- ECP 3004 - Seminar on Current Economic Topics **Credit Hours: 3**
- ECP 3203 - Labor Economics **Credit Hours: 3**
- ECP 4303 - Environmental and Natural Resource Economics **Credit Hours: 3**
- ECP 4403 - Industrial Organization **Credit Hours: 3**
- ECS 4013 - Development Economics **Credit Hours: 3**
- ECO 4934 - Topics in Econometrics **Credit Hours: 3**
- ECP 4530 - Health Economics **Credit Hours: 3**
- ECO 4400 - Game Theory and Economics **Credit Hours: 3**
- ECO 4443 - Introduction to Business Analytics **Credit Hours: 3**
- ECO 4412 - Econometrics I **Credit Hours: 3**
- ECO 4422 - Econometrics II **Credit Hours: 3**
- ECO 4504 - Public Economics **Credit Hours: 3**
- ECO 4713 - International Macroeconomics **Credit Hours: 3**

Business Elective (3 Credit Hours)

Choose any upper level business course.

For students interested in preparing for graduate school in Economics and other graduate studies, 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: FIN 3403 is a pre-requisite for these 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 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 2.0 and a minimum College of Business GPA of 2.0.
- 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
- 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 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

- None

Certificates

- Business Analytics

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 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

Plan of Study

- General electives as required to earn 120 credit hours.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**

- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (16 Credit Hours)

- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- Business Elective **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- ECO 3203 - Intermediate Macroeconomics **Credit Hours: 3**
- Economics Restrictive Elective **Credit Hours: 3**
- Economics Restrictive Elective **Credit Hours: 3**
- Economics Restrictive Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Economics Restricted Elective **Credit Hours: 3**
- Economics Restricted Elective **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAN 4720 - Strategic Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Minor

Business Analytics

Minor

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.

Required Courses (18 credit hours)

- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- ECO 3410 - Mathematical Economics **Credit Hours: 3**
- ECO 4400 - Game Theory and Economics **Credit Hours: 3**
- ECO 4412 - Econometrics I **Credit Hours: 3**
- ECO 4422 - Econometrics II **Credit Hours: 3**
- ECO 4443 - Introduction to Business Analytics **Credit Hours: 3**

Economics Minor

College of Business Administration

**Department of Economics, Business Administration II,
Room: 305**

<http://www.bus.ucf.edu/economics>

Dr. Nora Underwood, BA2 302N

nunderwood@ucf.edu

Phone: 407-823-3266

(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.

Required Courses (9 Credit Hours)

- ECO 2013 - Principles of Macroeconomics
Credit Hours: 3
- ECO 2023 - Principles of Microeconomics
Credit Hours: 3

Select One: (3 Credit Hours)

- ECO 3101 - Intermediate Microeconomics
Credit Hours: 3
- ECO 3203 - Intermediate Macroeconomics
Credit Hours: 3

Restricted Electives

Upper Division Restricted Electives (9 Credit Hours)

Select from any ECO, ECP or ECS courses at the 3000 - 4000 level, excluding QMB 3003 and QMB 3200.

- ECO 3101 - Intermediate Microeconomics
Credit Hours: 3

- ECO 3203 - Intermediate Macroeconomics
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 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.

Department of Finance

Chair and Director: Ajai Singh
BA1 427; 407-823-5756

Assistant Chair and Assistant Director: Paul Gregg
BA1 409; 407-823-3575

Faculty: Ajayi, Byrd, Chen, Cherry, Choi, Curcio, Frye, Gatchev, Gregg, Harrison, Kullu, Lu, Oh, Pirinsky, Ramanlal, Resch, Singh, Sturm, Turnbull, Wang, Venugopal, Whyte, York, Zhang

The program in finance is designed to provide the student with broad knowledge in finance, including corporate

finance, investments (fixed income and equity securities), financial institutions, international finance, risk management and derivatives. The real estate degree includes real estate law, commercial and residential real estate finance, and real estate development.

Distinctive Benefits

- Finance students prepare for career opportunities in corporate finance, banking (commercial, investment and mortgage), investment management, financial planning, multinational business, insurance and government.
- Real estate students prepare for careers in commercial or residential real estate development and finance, or banking related to the real estate industry.
- Students who major in finance or real estate are sought by both financial and non-financial firms.

Major

Finance (B.S.B.A.)

College of Business Administration

Department of Finance,

Business Administration I, Room: 409

<http://business.ucf.edu/undergraduate-programs>

Phone: 407-823-3575

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.

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" (2.0) 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" (3.0) in FIN 3403, at least a "B" (3.0) in ACG 3173 OR at least a "C" (2.0) in ACG 3131.

One course may be repeated one time in the next term of enrollment to meet these requirements.

- 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.

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 apply for admission to 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" (3.0) or higher in FIN 3403 and ACG 3173 (or a "C" (2.0) or higher in

ACG 3131). In addition, only grades of "C" (2.0) or higher transfer into the program and students must earn a minimum of "C" (2.0) or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Basic Level, Core Requirements: Advanced Level, Restricted Electives and Capstone Requirements below.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- PSY 1212 - General Psychology **Credit Hours: 3** (Suggested)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better.

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
(Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
(Course also counts as GEP)

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take **QMB 3003**.

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
or
- ¹ MAC 2233 - Concepts of Calculus **Credit Hours: 3** and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ¹ or MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** and
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (42 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Required Courses for Major (12 Credit Hours)

- 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**
- FIN 4424 - Advanced Topics in Financial Management **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Finance Electives (12 Credit Hours)

Select 2: (6 Credit Hours)

Minimum of 2 courses required.

- FIN 3461 - Financial Statement Analysis **Credit Hours: 3**

- FIN 4324 - Commercial Bank Management **Credit Hours: 3**
- FIN 4453 - Financial Models **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**

Finance Restricted Electives (6 Credit Hours)

Select two below or an additional two courses from the Finance Electives above:

¹ Must be an accounting major or accounting minor to register for this course

² Internship course requires an overall GPA of 2.75 and a 3.0 GPA in the major.

³ Must be in the UCF Honors in the Major Program. See <http://www.honors.ucf.edu/> for details.

- ACG 3141 - Intermediate Financial Accounting II **Credit Hours: 3** ¹
- 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** ²
- FIN 4903H - Honors Directed Reading I **Credit Hours: 3** ³
- FIN 4970H - Undergraduate Honors Thesis **Credit Hours: 3** ³
- 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 Elective (3 Credit Hours)

- Choose any upper level business course. **Credit Hours: 3**

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
- 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

- 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" (2.0) or higher transfer into the program and students must have a "C"(2.0) 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: \$25 per term
- Full-Time Student: \$50 per term

Plan of Study

- General electives as required to earn 120 semester hours. The department recommends completing FIN 2100 - Personal Finance and Investments as a general elective, prior to the junior year.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3** **The department suggest that students take FIN 2100 as their elective during this semester.

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- FIN 3414 - Intermediate Corporate Finance **Credit Hours: 3**
- FIN 4243 - Debt and Money Markets **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**
- Business Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- FIN 4504 - Equity and Capital Markets **Credit Hours: 3**
- FIN Elective **Credit Hours: 3**
- FIN Restricted Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- FIN 4424 - Advanced Topics in Financial Management **Credit Hours: 3**
- MAN 4720 - Strategic Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- FIN Elective **Credit Hours: 3**
- FIN Restricted Elective **Credit Hours: 3**

New Core

Minor

Finance Minor

College of Business Administration

Department of Finance, Business Administration I,
Room: 409

Students seeking advising must go to BA 2 room 101.

<https://business.ucf.edu/degree/finance/>

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 Courses (14 Credit Hours)

(Non-Business Students)

¹ with a "B" or better

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** ¹
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** ¹
- STA 2023 - Statistical Methods I **Credit Hours: 3** ¹
or

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** ¹

Required Courses (12 Credit Hours)

¹ ACG 2021 and ECO 2023 prerequisites are waived for non-business students.

- FIN 3403 - Business Finance **Credit Hours: 3** ¹
- 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**

Restricted Electives (6 Credit Hours)

Select Two:

- FIN 3461 - Financial Statement Analysis **Credit Hours: 3**
- FIN 4324 - Commercial Bank Management **Credit Hours: 3**
- FIN 4453 - Financial Models **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**
- FIN 4424 - Advanced Topics in Financial Management **Credit Hours: 3**

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.

FinTech Minor

College of Business Administration
Department of Finance,

Business Administration I, Room: 409

Students seeking advising must go to BA 2 Room 101.

<http://web.bus.ucf.edu/academics/finance/>

Open to Finance and Accounting majors and College of Engineering and 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

None

Minor Requirements

None

Prerequisite Courses (9hrs)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
Or
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

- COP 3502C - Computer Science I **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
(1) Prerequisites for FIN 3403 are waived for College of Engineering and Computer Science students
(2) Only one of either COP 3223C or EGN 3211 is required

Required Electives (9 hrs for Business Administration students). (6 hrs for Engineering and Computer Science students).

- FIN 4458 - Foundations of FinTech **Credit Hours: 3.0**
- FIN 4451 - FinTech for Decision Makers **Credit Hours: 3.0**

Restricted Electives (3 hrs for CECS students. NOT required for Business Administration students)

Select 1: 3 hrs

- 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 and 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" (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 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.

Certificate

Finance: Banking Certificate

College of Business Administration
Department of Finance,
Business Administration I, Room: 409
<http://web.bus.ucf.edu/academics/finance/>

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

Required Courses (12 Credit Hours)

- FIN 4324 - Commercial Bank Management
Credit Hours: 3
- ACG 3131 - Intermediate Financial Accounting I
Credit Hours: 3
- ACG 3141 - Intermediate Financial Accounting II
Credit Hours: 3

Select One: (3 Credit Hours)

- MAR 3391 - Professional Selling **Credit Hours: 3**
- FIN 4941 - Finance Internship **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- None

Finance: Corporate Finance Certificate

College of Business Administration
Department of Finance,
Business Administration I, Room: 409
<http://web.bus.ucf.edu/academics/finance/>

*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.

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- ACG 3131 - Intermediate Financial Accounting I
Credit Hours: 3
- FIN 3414 - Intermediate Corporate Finance
Credit Hours: 3
- FIN 4941 - Finance Internship **Credit Hours: 3**

- ACG 3141 - Intermediate Financial Accounting II
Credit Hours: 3

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- None

Finance: Investments Certificate

College of Business Administration
Department of Finance,
Business Administration I, Room: 409
<http://www.bus.ucf.edu/finance/>

*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 Department of Finance Internship coordinator.

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- 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 4941 - Finance Internship **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 12

Other Requirements

- None

FinTech Certificate

College of Business Administration

Department of Finance,

Business Administration I, Room: 409

Students seeking advising must go to BA 2 Room 101.

<http://web.bus.ucf.edu/academics/finance/>

*Restricted to finance and accounting majors. 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

None

Certificate Requirements

A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.

Prerequisite Courses (3 hrs)

- FIN 3403 - Business Finance **Credit Hours: 3**
Prerequisites for FIN 3403 waived for College of Engineering and Computer Science students

Required Courses (9 hrs)

- ECO 4443 - Introduction to Business Analytics **Credit Hours: 3**
- FIN 4458 - Foundations of FinTech **Credit Hours: 3.0**
(1) ECO 4443 is a prerequisite for FIN 4458 and FIN 4468.
- FIN 4451 - FinTech for Decision Makers **Credit Hours: 3.0**

Restricted Electives

None

Foreign Language Requirements

None

Total Undergraduate Credit Hours
Required: 9

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.

All nine hours used in the certificate must be earned at UCF within the department.

No credit by exam (TSD, Military credit) may be used.

Dr. P. Phillips School of Real Estate

Chair and Director: Ajai Singh
BA1 427; 407-823-5756

Assistant Chair and Assistant Director: Paul Gregg
BA1 409; 407-823-5756

Faculty: Ajayi, Byrd, Chen, Cherry, Choi, Curcio, Frye, Gatchev, Gregg, Harrison, Kullu, Lu, Oh, Pirinsky, Ramanlal, Resch, Singh, Sturm, Turnbull, Wang, Venugopal, Whyte, York, Zhang

The program in finance is designed to provide the student with broad knowledge in finance, including corporate finance, investments (fixed income and equity securities), financial institutions, international finance, risk management and derivatives. The real estate degree includes real estate law, commercial and residential real estate finance, and real estate development.

Distinctive Benefits

- Finance students prepare for career opportunities in corporate finance, banking (commercial, investment and mortgage), investment management, financial planning, multinational business, insurance and government.
- Real estate students prepare for careers in commercial or residential real estate development and finance, or banking related to the real estate industry.
- Students who major in finance or real estate are sought by both financial and non-financial firms.

Major

Real Estate (B.S.B.A.)

College of Business Administration
Dr. P. Phillips School of Real Estate,
Business Administration I, Room: 427

<http://business.ucf.edu/undergraduate-programs>

Phone: 407-823-3575

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.

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" (2.0) 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" (2.0) or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

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 apply for admission to 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" (2.0) or better in the following course and each course applied towards the major:
- FIN 3403 - Business Finance

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 2012 - General Psychology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better.

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
(Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
(Course also counts as GEP)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take QMB 3003 - Quantitative Business Tools I

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**

- or
- ¹ MAC 2233 - Concepts of Calculus **Credit Hours: 3** and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ¹ or MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** and
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (39 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Required Courses for Major (9 Credit Hours)

- FIN 2100 - Personal Finance and Investments **Credit Hours: 3**
- REE 3043 - Fundamentals of Real Estate **Credit Hours: 3**
- REE 3433 - Real Estate Law **Credit Hours: 3**

Restricted Electives (18 Credit Hours)

Select 5 (15 Credit Hours)

¹ Restricted to students who meet finance major admission qualifications.

² Internship course requires an overall GPA of 2.75 and a 3.0 GPA in the major.

³ Must be in the UCF Honors in the Major Program. See <http://www.honors.ucf.edu/> for details.

- FIN 3414 - Intermediate Corporate Finance **Credit Hours: 3** ¹
- FIN 4243 - Debt and Money Markets **Credit Hours: 3** ¹
- FIN 4504 - Equity and Capital Markets **Credit Hours: 3** ¹
- MAR 3391 - Professional Selling **Credit Hours: 3**
- REE 3614 - Environmental Issues for Real Estate **Credit Hours: 3**
- REE 4103 - Real Estate Appraisal and Valuation **Credit Hours: 3**
- REE 4203 - Commercial Real Estate Finance **Credit Hours: 3**
- REE 4204 - Residential Real Estate Finance **Credit Hours: 3**
- REE 4303 - Real Estate Investment Analysis **Credit Hours: 3**
- REE 4732 - Real Estate Development **Credit Hours: 3**
- REE 4941 - Internship **Credit Hours: 1** ²
- REE 4903H - Honors Directed Readings I **Credit Hours: 1** ³
- REE 4970H - Undergraduate Honors Thesis **Credit Hours: 1** ³
- REE 4933 - Advanced Topics in Real Estate **Credit Hours: 3**
- REE 4312 - Real Estate Market Analysis **Credit Hours: 3**

Business Elective (3 Credit Hours)

- Choose any upper level business course **Credit Hours: 3**

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 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
- 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

- 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" (2.0) or higher transfer into the program and students must have a "C" (2.0) 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25.00 per term
- Full-Time Student: \$50.00 per term

Plan of Study (120 Credit Hours)

- General electives as required to earn 120 credit hours.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Science **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**

- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**
- REE 3043 - Fundamentals of Real Estate **Credit Hours: 3**
- REE 3433 - Real Estate Law **Credit Hours: 3**
- FIN 2100 - Personal Finance and Investments **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**

Senior Year - Fall (15 Credit Hours)

- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- REE Elective **Credit Hours: 3**
- REE Elective **Credit Hours: 3**
- REE Elective **Credit Hours: 3**
- Business Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAN 4720 - Strategic Management **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- REE Elective **Credit Hours: 3**
- REE Elective **Credit Hours: 3**

Minor

Real Estate Minor

College of Business Administration
Dr. P. Phillips School of Real Estate,
Business Administration I, Room: 427
Students seeking advising must go to BA 2 room 101.
<http://www.bus.ucf.edu/realestate/>

Phone: 407-823-3575

Open to Business and Non-Business Students. Not available to Real Estate Majors.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses (6 Credit Hours)

- ACG 2021 - Principles of Financial Accounting
Credit Hours: 3
- ECO 2023 - Principles of Microeconomics
Credit Hours: 3

Required Courses (12 Credit Hours)

- FIN 2100 - Personal Finance and Investments
Credit Hours: 3
- FIN 3403 - Business Finance **Credit Hours: 3**
- REE 3043 - Fundamentals of Real Estate **Credit Hours: 3**
- REE 3433 - Real Estate Law **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Select Two: (6 Credit Hours)

- REE 4103 - Real Estate Appraisal and Valuation
Credit Hours: 3
- REE 4203 - Commercial Real Estate Finance
Credit Hours: 3
- REE 4204 - Residential Real Estate Finance
Credit Hours: 3
- REE 4303 - Real Estate Investment Analysis
Credit Hours: 3
- REE 4732 - Real Estate Development **Credit Hours: 3**
- REE 3614 - Environmental Issues for Real Estate
Credit Hours: 3
- REE 4933 - Advanced Topics in Real Estate
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 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.

Department of Management

Chair: Ronald Piccolo
BA 309; 407-823-5569

Assistant Chair: Lynn Becker
BA1 309D; 407-823-3021

Faculty: Ambrose, Becker, Bennett, Blencke, Cleavenger, Combs, Crossley, De George, Ehrhart, Folger, Ford, Goodman, Joseph, McKenny, Nichols, O'Neal, Pape, Piccolo, Porter, Posey, Rockmore, Schminke, Taylor, Wang, Whiting

Tomorrow's managers must be prepared to meet the challenges of a highly dynamic and rapidly changing business environment. The objective of the Management program is to prepare students for the excitement and opportunities that this presents. To learn about management, students study the processes and techniques of leadership, planning, controlling and staffing of both small and large organizations.

The curriculum is designed to develop the expertise of all students in a common core of essential management skills and competencies, including human and organizational behavior, teamwork and collaboration, leadership and motivation, strategic and critical thinking, creativity and innovation, project management, human resources management, negotiation and conflict resolution, and persuasive written and oral communication skills. With the proper selection of restricted Management elective courses, students can earn a certificate in either Human Resource Management or Entrepreneurship while completing the Management major. Students who do not wish to concentrate in either of these areas can use restricted electives to gain additional breadth of coverage in a variety of Management topics.

The department's goal is to emphasize the expertise, knowledge, and skills necessary to be a cooperative team player and an effective team leader. Regardless of a student's focus, the curriculum will sharpen that skills in problem analysis. This major can lead to a variety of rewarding careers in management positions throughout the organization. Possible career paths include, but are not limited to, positions in training and development, personnel and employee relations, equal opportunity and labor relations, recruiting and staffing, organizational development, operations, quality assurance, project management. For students interested in starting their own business or working for smaller, fast-growing organizations, the department's entrepreneurship offerings will develop the skills needed for that career path.

Distinctive Benefits

- Excellent faculty, known for their creativity and enthusiasm in the classroom, and their commitment to students in and out of the classroom.
- A broad-based training that will open up opportunities in high-growth career areas.
- Internships that provide real-world experience and enhanced job opportunities.
- A "hands-on," applied focus in our courses.

Major

Management (B.S.B.A.)

College of Business Administration

Department of Management,

Business Administration I, Room: 309

<http://business.ucf.edu/undergraduate-programs>

Phone: 407-823-5569

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.

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" (2.0) 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" (3.0) in MAN 3025, and no grade below a "C" (2.0). One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.

- Students wanting to major in Management must apply for admission to 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" (2.0) or higher transfer into the program and students must earn a minimum of "C" (2.0) or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Basic Level, Core Requirements: Advanced Level, Restricted Electives, and Capstone Requirements below.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Prefer)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 2012 - General Psychology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" 2.0 or better

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**

- ACG 2071 - Principles of Managerial Accounting
Credit Hours: 3
- CGS 2100C - Computer Fundamentals for Business
Credit Hours: 3
- ECO 2013 - Principles of Macroeconomics
Credit Hours: 3
(Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics
Credit Hours: 3
(Course also counts as GEP)

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or better must take QMB 3003.

- QMB 3003 - Quantitative Business Tools I
Credit Hours: 3
or
- ¹ MAC 2233 - Concepts of Calculus
Credit Hours: 3 and
- STA 2023 - Statistical Methods I
Credit Hours: 3
- ¹ or MAC 2311C - Calculus with Analytic Geometry I
Credit Hours: 4 and
- MAC 2312 - Calculus with Analytic Geometry II
Credit Hours: 4

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (45 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers
Credit Hours: 3
- QMB 3200 - Quantitative Business Tools II
Credit Hours: 3
- FIN 3403 - Business Finance
Credit Hours: 3
- MAN 3025 - Management of Organizations
Credit Hours: 3
- MAR 3023 - Marketing
Credit Hours: 3

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings
Credit Hours: 3
- GEB 3005 - Career Search Strategy
Credit Hours: 1
- BUL 3130 - Legal and Ethical Environment of Business
Credit Hours: 3
- MAR 3203 - Supply Chain and Operations Management
Credit Hours: 3
- GEB 4223 - Business Interviewing Techniques
Credit Hours: 1
- GEB 4004 - Executing Your Career Plan
Credit Hours: 1
- QMB 3602 - Business Research for Decision Making
Credit Hours: 3

Required Courses for Major (18 Credit Hours)

- MAN 4143 - Leadership Development
Credit Hours: 3
- MAN 4240 - Organizations: Theory and Behavior
Credit Hours: 3
- MAN 4441 - Conflict Resolution and Negotiation
Credit Hours: 3
- ENT 3613 - Creativity and Entrepreneurship
Credit Hours: 3
- MAN 3301 - Strategic Human Resource Management
Credit Hours: 3
- MAN 4583 - Project Management
Credit Hours: 3

Restricted Electives (9 Credit Hours)

- Select either Human Resources Certificate or Entrepreneurship 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)

- 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)

- Choose any upper level business course **Credit Hours: 3**
- 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**

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
- 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

- 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" (2.0) or higher transfer into the program and students must have a "C" (2.0) 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.oas.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)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- ENT 3613 - Creativity and Entrepreneurship **Credit Hours: 3**
- MAN 4240 - Organizations: Theory and Behavior **Credit Hours: 3**
- MAN 3301 - Strategic Human Resource Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**

- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- MAN 4583 - Project Management **Credit Hours: 3**
- MAN 4441 - Conflict Resolution and Negotiation **Credit Hours: 3**
- MAN Elective **Credit Hours: 3**
- MAN Elective **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAN 4143 - Leadership Development **Credit Hours: 3**
- MAN 4720 - Strategic Management **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- MAN Elective **Credit Hours: 3**

Minor

Entrepreneurship Minor

College of Business Administration
Department of Management,
Business Administration I, Room: 309
Open to Business and Non-Business Students
<http://www.cel.ucf.edu>

Dr. Cameron Ford, cford@ucf.edu
 Phone: 407-823-5569

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

Required Courses (12 Credit Hours)

- ENT 3613 - Creativity and Entrepreneurship **Credit Hours: 3**
- ¹ ENT 4013 - New Venture Design **Credit Hours: 3**
- ² ENT 4014 - New Venture Implementation **Credit Hours: 3**

¹ 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.

² 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:

¹ 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.

² 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 4183 - Technological Entrepreneurship
Credit Hours: 3
- ENT 4503 - Social Entrepreneurship **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Select Two:

¹ 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.

² 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>

³ 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).

- EGN 4641C - Engineering Entrepreneurship
Credit Hours: 3
- ENT 4183 - Technological Entrepreneurship
Credit Hours: 3
- ENT 4412 - Managing Small Business Finances
Credit Hours: 3¹
- ENT 4503 - Social Entrepreneurship **Credit Hours: 3**
- ENT 4906 - Directed Independent Study **Credit Hours: 3**²
- ENT 4942 - Entrepreneurial Internship **Credit Hours: 3**³
- MAN 4046 - Teamwork, Collaboration, and Group Dynamics **Credit Hours: 3**
- MAN 4143 - Leadership Development **Credit Hours: 3**
- MAR 3407 - Integrated Marketing and Sales
Credit Hours: 3¹
- MAR 3765 - Entrepreneurial Marketing **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.

Technological Entrepreneurship Minor

College of Business Administration
Department of Management,
Business Administration I, Room: 309
Open to Business and Non-Business Students
<http://www.cel.ucf.edu>

Dr. Cameron Ford, cford@ucf.edu
 Phone: 407-823-5569

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

Required Courses (12 Credit Hours)

¹ 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 3613 - Creativity and Entrepreneurship **Credit Hours: 3**
- ENT 4013 - New Venture Design **Credit Hours: 3**
- ENT 4014 - New Venture Implementation **Credit Hours: 3**¹

Select One:

- DIG 3563 - Information Management and Entrepreneurship **Credit Hours: 3**
- EGN 4641C - Engineering Entrepreneurship **Credit Hours: 3**
- ENT 4183 - Technological Entrepreneurship **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

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).

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.

² 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).

- DIG 3563 - Information Management and Entrepreneurship **Credit Hours: 3**
- EGN 4641C - Engineering Entrepreneurship **Credit Hours: 3**
- ENT 4183 - Technological Entrepreneurship **Credit Hours: 3**
- ENT 4503 - Social Entrepreneurship **Credit Hours: 3**
- ENT 4906 - Directed Independent Study **Credit Hours: 1**¹
- ENT 4942 - Entrepreneurial Internship **Credit Hours: 3**²
- MAN 4046 - Teamwork, Collaboration, and Group Dynamics **Credit Hours: 3**
- MAN 4143 - Leadership Development **Credit Hours: 3**
- MAR 3765 - Entrepreneurial Marketing **Credit Hours: 3**

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.

Certificate

Entrepreneurship Certificate

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.

Required Courses (9 Credit Hours)

- ENT 3613 - Creativity and Entrepreneurship
Credit Hours: 3

- ENT 4013 - New Venture Design **Credit Hours: 3**
- ENT 4014 - New Venture Implementation **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select one of the following courses:

- ENT 4183 - Technological Entrepreneurship
Credit Hours: 3
- ENT 4503 - Social Entrepreneurship **Credit Hours: 3**
- ENT 4942 - Entrepreneurial Internship **Credit Hours: 3**
- MAN 4941 - Management Internship **Credit Hours: 3**
- GEB 4941 - Integrated Business Internship
Credit Hours:

Select one: (3 Credit Hours)

¹ 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 4183 - Technological Entrepreneurship
Credit Hours: 3
- ENT 4503 - Social Entrepreneurship **Credit Hours: 3**
- ¹ ENT 4942 - Entrepreneurial Internship **Credit Hours: 3**
- GEB 4941 - Integrated Business Internship
Credit Hours:

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.

Human Resources Certificate

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.

Required Courses (9 Credit Hours)

- MAN 3301 - Strategic Human Resource Management **Credit Hours: 3**
- MAN 4320 - Human Resources Recruitment and Selection **Credit Hours: 3**
- MAN 4330 - Compensation Administration **Credit Hours: 3**

Restricted Electives (3 Credit Hours:)

Select one of the following courses:

Select one:

- MAN 4329 - Business Analytics in Human Resource Management **Credit Hours: 3**
- MAN 4350 - Performance Management **Credit Hours: 3**
- MAN 4941 - Management Internship **Credit Hours: 3**

- GEB 4941 - Integrated Business Internship **Credit Hours:**

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.

Department of Marketing

Chair: Carolyn Massiah
BA2 307; 407-823-2108
<http://www.bus.ucf.edu/marketing/>

Faculty: Bhardwaj, Desiraju, Hasford, He, Jami, Joshi, Keebler, Krishnamoorthy, Liu, Massiah, Mayfield-Garcias, Michaels, Steiger, Stock, Wang, Yayla-Kailu, Zemack-Rugar

The marketing major provides a superior education in foundation areas such as research, consumer behavior, professional selling, marketing management, and strategy. Our curriculum focuses on building skills in communication, teamwork, critical thinking, analysis, and strategic thinking. Among the things you will learn are how to conduct sales calls, analyze sales and profit reports, prepare marketing plans, and construct marketing strategies. 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, and positions in retail management, sales, market research, and advertising/promotion. The professional selling track prepares students for positions in business-to-business, with the potential to advance into either sales management or marketing management. The curriculum is delivered by highly-talented faculty members and offers you a superior educational experience while at UCF.

The department's highest visibility offering is the professional selling program (track within the major). Admission to this renowned program is competitive; application and interview are required. Scholarships for this program are available and awarded on a competitive basis. Please see our department website for more details. An 18-hour professional selling minor is available for UCF students with majors other than marketing. Again, entry into this minor is competitive.

The regular 18-hour marketing minor provides a strong basic education in marketing for UCF students with majors other than marketing. Earning a minor in marketing can add significant value and career flexibility for any UCF student with any major. Marketing intern-ships are available (application necessary) and there are several vibrant marketing-related student organizations in which you can participate.

Distinctive Benefits

- Innovative curriculum for marketing majors and minors.
- Renowned Professional Selling Program is offered as a track within the marketing major, and as a professional selling minor; application required.
- An 18-hour marketing minor is available for students with majors other than marketing.
- Seventeen dynamic faculty members are among the strongest teachers in the college.
- Comprehensive course offerings are available each semester and summer—you can finish!
- Strong emphasis on preparing students for careers in marketing management.
- Approximately 15 scholarships are awarded annually on a competitive basis.
- Opportunities to participate in internships and honors in the major programs.

- Opportunities to participate in student chapters of the Society for Marketing Professional Services, the Ad Club, and the Sales Club, and the student chapter of the American Marketing Association

Minor

Marketing Minor

College of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

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.

Required Courses (15 Credit Hours)

- MAR 3023 - Marketing **Credit Hours: 3**
- MAR 3323 - Integrated Marketing Communication **Credit Hours: 3**
- MAR 3391 - Professional Selling **Credit Hours: 3**
- MAR 3611 - Marketing Analysis and Research Methods **Credit Hours: 3**

- MAR 4803 - Marketing Management **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select One:

- MAR 3641 - Marketing Intelligence **Credit Hours: 3**
- MAR 3765 - Entrepreneurial Marketing **Credit Hours: 3**
- MAR 4156 - International Marketing **Credit Hours: 3**
- MAR 4231 - Retailing Management **Credit Hours: 3**
- MAR 4711 - Sport Marketing **Credit Hours: 3**
- MAR 4712 - Healthcare Marketing **Credit Hours: 3**
- MAR 4715 - Entertainment Marketing **Credit Hours: 3**
- MAR 4934 - Contemporary Marketing Topics in Florida **Credit Hours: 3**
- MAR 4941 - Marketing Internship **Credit Hours: 3**

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 of Business Administration
Department of Marketing,
Business Administration II, Room: 307S

UCF Majors other than Marketing

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.
- 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.

Required Courses (18 Credit Hours)

- MAR 3023 - Marketing **Credit Hours: 3**

- MAR 3391 - Professional Selling **Credit Hours: 3**
- MAR 3611 - Marketing Analysis and Research Methods **Credit Hours: 3**
- MAR 4413C - Strategic Issues in Sales **Credit Hours: 3**
- MAR 4415C - Advanced Professional Selling **Credit Hours: 3**
- MAR 4418 - Strategic Sales Force Management **Credit Hours: 3**

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 not substitute for MAR 3391 in the Professional Selling minor.

Department of Integrated Business

Chair: James Gilkeson
BA2 222; 407-823-0390

Faculty: Alecse, Baz, Bojack, Buhagiar, Connell, Creque, Gilkeson, Henry, Leo, Maccini, Morin, Tamberelli, Valdez, Viggiano, Washick

The mission of the Integrated Business degree program is to provide a high quality, hands-on business education for UCF students that emphasizes soft-skills development, has a content focus on small and medium size, privately held businesses, and develops well-rounded multi-disciplinarians who will thrive in an environment that requires them to take on multiple roles and responsibilities for their employer.

Distinctive Benefits

- Unique program found only at UCF.
- Up-to-date source material that replaces most textbooks with free online content.
- Use of the flipped classroom approach in all course work.
- Emphasis on soft skills development, including business ethics, critical thinking, decision making, leadership, negotiations, oral presentation, professionalism, teamwork, technology, and written communication.
- Taught face-to-face on main campus and four regional campuses (Valencia East, Valencia West, Sanford-Lake Mary, and Osceola)—avoid expensive, time-consuming commutes!
- Focus on the small and medium size, privately held firms who hire 40% of UCF's business graduates.
- Integrated Business Faculty members have decades of real world work and business ownership experience.
- Opportunities to participate in internships, student competitions, and student organizations.

Major

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

College of Business Administration
Integrated Business Program,
Business Administration II, Room: 222
<http://business.ucf.edu/undergraduate-programs>

Phone: 407-823-5627

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.

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" (2.0) 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" (2.0) or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- 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.

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 apply for admission to 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 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 Integrated Business must earn a grade of "C" (2.0) or better in each course applied towards the major, and a 2.0 overall average in the major.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Prefer)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- PSY 2012 - General Psychology **Credit Hours: 3** (Suggested)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

Must be completed with a "C" (2.0) or better.

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Course also counts as GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Course also counts as GEP)

Select one of the following sequences of courses:

Students who have not completed MAC 2233 and STA 2023, or MAC 2311 and MAC 2312 with a "C" (2.0) or

better must take QMB 3003 - Quantitative Business Tools I.,

- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
or
- ¹ MAC 2233 - Concepts of Calculus **Credit Hours: 3** and
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ¹ or MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** and
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (54 Credit Hours)

Primary Core (15 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

Secondary Core (15 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Required Courses for Major (24 Credit Hours)

- GEB 4522 - Data Driven Decision Making **Credit Hours: 3**
- GEB 4513 - Applied Business Technologies **Credit Hours: 3**
- MAN 3302 - Essentials of Human Resource Management for Integrated Business **Credit Hours: 3**
- GEB 3031 - Integrated Business Foundations **Credit Hours: 3**
- MAR 3407 - Integrated Marketing and Sales **Credit Hours: 3**
- ENT 4412 - Managing Small Business Finances **Credit Hours: 3**
- MAN 4583 - Project Management **Credit Hours: 3**
- GEB 4451 - Business Climate Analysis **Credit Hours: 3.0**

Restricted Electives (3 Credit Hours)

Take one class from the list below.

- GEB 4941 - Internship **Credit Hours: 3**
- ENT 3613 - Creativity and Entrepreneurship **Credit Hours: 3**
- GEB 4104 - Small Business Development **Credit Hours: 3**
- MAN 4143 - Leadership Development **Credit Hours: 3**
- MAN 4441 - Conflict Resolution and Negotiation **Credit Hours: 3**

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 and a minimum College of Business GPA of 2.0.

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

- None

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" (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/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Plan of Study (120 Credit Hours)

- General electives as required to earn 120 credit hours.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**

- MAC 1105C - College Algebra **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- Cultural Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Science **Credit Hours: 3**
- Historical Foundation I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Historical Foundation II **Credit Hours: 3**
- Science **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- GEB 3031 - Integrated Business Foundations **Credit Hours: 3**
- MAN 3302 - Essentials of Human Resource Management for Integrated Business **Credit Hours: 3**
- GEB 4513 - Applied Business Technologies **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**

Senior Year - Fall (15 Credit Hours)

- ENT 4412 - Managing Small Business Finances **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- MAR 3407 - Integrated Marketing and Sales **Credit Hours: 3**
- GEB 4522 - Data Driven Decision Making **Credit Hours: 3**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAN 4720 - Strategic Management **Credit Hours: 3**
- MAN 4583 - Project Management **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**
- IB Restricted Elective **Credit Hours: 3**
- GEB 4451 - Business Climate Analysis **Credit Hours: 3.0**

College of Community Innovation and Education

Dean: Pamela S. Carroll
ED 308; 407-823-5529
and Dr. Phillips Academic Commons (UCF Downtown),
DPAC 302
<http://ccie.ucf.edu>

Associate Dean for Academic and Community Initiatives:

Ross Wolf; 407-823-2046

Associate Dean for Graduate and Clinical Affairs:

Glenn Lambie; 407-823-2046

Associate Dean for Research:

Dave Edyburn; 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 college anchor to UCF Downtown, select programs will hold classes in downtown Orlando beginning fall 2019. This opportunity will provide students numerous opportunities to engage in community-based experiences. Internships, practicums, and research can 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 (CAHIIM)
- Florida Department of Education (FLDOE), 32 State-Approved Educator Preparation Programs

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
ED 110 and UCF Downtown (601 W. Livingston Street,
Orlando, FL 32801)

<https://ccie.ucf.edu/undergraduate-affairs>

The CCIE Office of Undergraduate Affairs supports students from program admission through graduation. Beginning in fall 2019, the CCIE Office of Undergraduate Affairs will support students at the UCF Main Campus (ED 110) and at UCF Downtown (UnionWest at Creative Village). The student service teams assist students in the following undergraduate disciplines as they progress through their academic career at UCF.

- 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)
- Technical Education and Industry Training

Office of Clinical and Field Experiences

Director: Kelly Jennings-Towle
ED 110, 407-823-2518
<https://ccie.ucf.edu/clinicaexp/>

The Office of Clinical and Field Experiences (CAFE) 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
ED 110; 407-823-4409
<https://ccie.ucf.edu/mtrrp/>

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/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: <http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the College of Community Innovation and Education are listed below.

Department of Counselor Education and School Psychology

Chair: Oliver W. Edwards
ED 209-H; 407-823-6106
<https://ccie.ucf.edu/cesp/>

Faculty: Barden, Butler, Dillman Taylor, Gaskin-Butler, Hagedorn, Hundley, Joe, Jones, Kelchner, Lambie, Shillingford-Butler, Super, Taub, Van Horn

The Department of Counselor Education and School Psychology (CESP) offers graduate programs related to careers in the mental health professions. CESP faculty prepare professionals who advance the psychosocial well-being of persons across the age spectrum. In addition, the department offers a Human Services minor. The Human Services minor provides undergraduate students with an introduction to initial skills and knowledge that support person's well-being. Graduates of CESP work in school settings and community agencies.

Minor

Human Services Minor

**College of Community Innovation and Education
Department of Counselor Education and School Psychology,
Education Complex, Room: 322**
<https://ccie.ucf.edu/cesp/counselored/> Email: counsel@ucf.edu

Contact: Dr. Bryce Hagedorn,
email: Bryce.Hagedorn@ucf.edu, 407-823-2999

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 see 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

Required Courses (15 Credit Hours)

- MHS 2090 - Introduction to Human Services
Credit Hours: 3
- MHS 2330 - Career Planning **Credit Hours: 3**
- MHS 2441 - Couples, Families and Intimate Relationships **Credit Hours: 3**
- MHS 3052 - Helping Skills for Human Service Providers **Credit Hours: 3**
- MHS 3426 - Diversity Issues in Human Services
Credit Hours: 3

Restricted Electives (3 Credit Hours)

- Three semester hours of a restricted elective with PSY, SOW, DEP, EEC or EEX prefix (selected with advisor's approval).

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- No credit by exam (CLEP, Military Credit) may be used. Transfer credits from other colleges/universities may be considered.

Department of Criminal Justice

Chair: Catherine Kaukinen
HPA1 311 407-823-2603
<https://ccie.ucf.edu/criminaljustice/>

Faculty: Adams, Baker, Bricker, Caudy, Childs-Fisher, Feder, Fissel, Flint, Gau, Henderson, Holmes, Humiston, Labrecque, Lucken, Mahan, Malendevych, Matusiak, Mitchell, Moreto, Nobles, Paoline, Peck, Potter, Randall, Ray, Ross, D., Ross, L., Stewart, Surette, Viglione, Watkins, Winton, Wolf, Woodward

The Department of Criminal Justice houses the undergraduate degree program in Criminal Justice. Criminal Justice is a problem-based field of study that focuses on the nature of crime control agencies in a democratic society. The curriculum reflects the dynamic nature of the field and prepares students for challenging careers in public service and private sector organizations. The Criminal Justice Department offers diverse courses and internships, leading to careers in the field, or preparation for graduate study. The department supports Lambda Alpha Epsilon, the professional Criminal Justice fraternity, and Alpha Phi Sigma, the Criminal Justice Honor society.

Major

Criminal Justice (B.A. or B.S.)

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs, Room: 311
<https://ccie.ucf.edu/criminaljustice/>
Email: cjadvise@ucf.edu **Phone:** 407-823-2603

Dr. Cory Watkins, Program Coordinator,
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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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 (30 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ PR: CCJ 4701

- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 3014 - Crime in America **Credit Hours: 3**
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- CCJ 4746 - Data Analysis for Criminal Justice **Credit Hours: 4**¹
- CJE 4014 - Police and Society **Credit Hours: 3**
- CJL 3510 - Prosecution and Adjudication **Credit Hours: 3**
- CJC 3010 - Corrections and Penology **Credit Hours: 3**
- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3**

Restricted Electives (30 Credit Hours)

Criminal Justice Upper Level Electives

- 21 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

- 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.

Capstone Requirements

- CCJ 4054 - Capstone: Criminal Justice Ethics
Credit Hours: 3 (is required for this major.)

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

- Legal Studies (B.A. or B.S.)

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

- 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.oas.ucf.edu/alc/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 Cultural **Credit Hours: 3**
- GEP Social **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GEP Communication **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**

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 (3 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010)

Junior Year - Fall (16 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010)
- Free Elective **Credit Hours: 3**
- Supporting Elective **Credit Hours: 3**
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- CJ Restricted Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010)

- CCJ 4746 - Data Analysis for Criminal Justice
Credit Hours: 4
- Free Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Supporting Elective **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)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted 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, Scholars' Track (B.A. or B.S.)

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs 1, Room: Room 311
<https://ccie.ucf.edu/criminaljustice/>
Email: cjadvice@ucf.edu

Contact: Dr. Cory Watkins, UG Program Director
Phone: 407-823-2603

Admission Requirements

- An application is required. Minimum overall GPA of 3.0 for Admission.
- Applicant must declare this specific track with the aid of and advisor
- A grade of "B" (3.0) or better in ENC 1101 and ENC 1102 is required.
- Students whose overall GPA falls below 3.0 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 four Scholar's Seminar courses (CCJ 4934), each with a grade of "B" (3.0) or better.
- 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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 (30 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CCJ 3014 - Crime in America **Credit Hours: 3**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- CCJ 4746 - Data Analysis for Criminal Justice **Credit Hours: 4**
- CJL 3510 - Prosecution and Adjudication **Credit Hours: 3**
- CJC 3010 - Corrections and Penology **Credit Hours: 3**
- CJE 4014 - Police and Society **Credit Hours: 3**
- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3**

Scholar's Seminar

Students must complete four Scholar's Seminar courses (CCJ 4934), each with a grade of "B" (3.0) or better.

- CCJ 4934 - Emergent Criminal Justice Issues **Credit Hours: 1-3**

Restricted Electives (30 credits)

- 12 hours of specifically designated Scholar's Seminars
- 9 additional semester hours of upper division criminal justice (CCJ, CJC, CJE, CJJ, CJL, CJT, DSC or SCC) 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. 6 credit hours of Graduate coursework (Senior Scholars Program) recommended. Participation in Honors in the Major also recommended.

- 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, legal studies, 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.

Capstone Requirements

- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3** (is required for this major.)

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 3.0 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 3.0 out of a possible 4.0.

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

- Legal Studies (B.A. or B.S.)
- Public Administration (B.A. or B.S.)

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

- Students are not accepted into Internship Program with grades less than a "C" in core courses.

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.

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 (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 (3 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- Admissions to scholars track requires 3.0 overall GPA
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- CCJ 4934 - Emergent Criminal Justice Issues **Credit Hours: 1-3**
- Supporting Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- CCJ 4746 - Data Analysis for Criminal Justice **Credit Hours: 4**
- CCJ 4934 - Emergent Criminal Justice Issues **Credit Hours: 1-3**
- Restricted Elective **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)

- CCJ 4934 - Emergent Criminal Justice Issues **Credit Hours: 1-3**
- Restricted Elective **Credit Hours: 3**
- Internship **Credit Hours: 3**
- CJ Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- CCJ 4934 - Emergent Criminal Justice Issues **Credit Hours: 1-3**
- CJ Elective or CCJ Internship **Credit Hours: 3**
(The department strongly encourage internships.)

Minor

Criminal Justice Minor

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
<https://ccie.ucf.edu/criminaljustice/>
Contact: cjadvice@ucf.edu, 407-823-2603

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

Required Courses (6 Credit Hours)

- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 3014 - Crime in America **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select Two: (6 Credit Hours)

- CJL 3510 - Prosecution and Adjudication **Credit Hours: 3**
- CJC 3010 - Corrections and Penology **Credit Hours: 3**
- CJE 4014 - Police and Society **Credit Hours: 3** and
Six semester hours of Criminal Justice courses (selected with aid of an advisor)
Credit Hours: 6
Restricted electives are selected with the approval of an advisor

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.

Certificate

Crime Analysis and Crime Mapping Certificate

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311

Email: cjadvice@ucf.edu Phone: 407-823-2603

Dr. Cory Watkins, Program Coordinator,
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.

Required Courses (9 Credit Hours)

- CJE 3662 - CJ Information Technology and Data Management **Credit Hours: 3**
- CJE 4663 - Crime Mapping and Pattern Analysis **Credit Hours: 3**
- CCJ 4076 - Crime Intelligence and Investigative Support Analysis **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Select two of the following:
- CCJ 3451 - Justice System Technology **Credit Hours: 3**
- CJE 3444 - Crime Prevention **Credit Hours: 3**
- CJE 4654 - Crime and Place **Credit Hours: 3**
- CCJ 3450 - The Criminal Justice Manager **Credit Hours: 3**
- CJE 4352 - Policy Development in Law Enforcement **Credit Hours: 3**
- CJE 4572 - Justice Agency Operations **Credit Hours: 3**

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 Department of Criminal Justice.
- 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 of Community Innovation and Education
College of Sciences
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Department of Anthropology, Howard Phillips
Hall, 403

Dr. Sandra Wheeler, sandra.wheeler@ucf.edu, 407-823-2227

Dr. Mark Winton, Mark.Winton@ucf.edu, 407-823-2603

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.

Required Courses (12 Credit Hours)

Note: some courses have limited offerings, and should be taken when available.

- ANT 4183 - Archaeological Sciences **Credit Hours: 3**
- ANT 4521 - Forensic Anthropology **Credit Hours: 3**
- CJE 4012 - Criminal Profiling in Criminal Justice **Credit Hours: 3**
- CJE 4610 - Criminal Investigation **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select from the following courses:

- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**

- CCJ 4195 - Interviews & Interrogations in CJ **Credit Hours: 3**
- CHS 3501 - Introduction to Forensic Science **Credit Hours: 3**
- CJE 4630 - Serial Murder and Criminal Justice **Credit Hours: 3**
- SYP 3511 - Sociology of Murder **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Course substitutions must be approved by both departments in advance.

Criminal Justice Management and Leadership Certificate

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
<https://ccie.ucf.edu/criminaljustice/>
Email: cjadvice@ucf.edu, 407-823-2603

Dr. Mark Winton, Mark.Winton@ucf.edu

Mr. Jerome Randall, Jerome.Randall@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

Required Courses

- CCJ 3450 - The Criminal Justice Manager **Credit Hours: 3**
- CJL 4046 - Liability Issues in Criminal Justice **Credit Hours: 3**
- CJE 4352 - Policy Development in Law Enforcement **Credit Hours: 3**
- CJE 4572 - Justice Agency Operations **Credit Hours: 3**

Restricted Electives

Select two of the following:

- PAD 3003 - Public Administration in American Society **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD 4414 - Human Resource Administration **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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 Profiling Certificate

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
<https://ccie.ucf.edu/criminaljustice/>

Contact: cjadvise@ucf.edu, 407-823-2603

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.

Required Courses (12 Credit Hours)

- CLP 3143 - Abnormal Psychology **Credit Hours: 3**
- CJE 4630 - Serial Murder and Criminal Justice **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**

Restricted Electives (3 Credit Hours)

- Select one of the following:
- DSC 4012 - Terrorism **Credit Hours: 3**
- CJE 4610 - Criminal Investigation **Credit Hours: 3**
- CCJ 4195 - Interviews & Interrogations in CJ **Credit Hours: 3**

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.

Security Management Certificate

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311
Contact: cjadvise@ucf.edu, 407-823-2603

Mr. Jerome Randall, Jerome.Randall@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.

Required Courses (12 Credit Hours)

- SCC 3311 - Security Administration **Credit Hours: 3**
- CJT 3803 - Security Management **Credit Hours: 3**

- CJT 4843 - Risk Management in Criminal Justice/Private Security **Credit Hours: 3**
- CCJ 4644 - White Collar Crime **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select one of the following:

- CJE 3444 - Crime Prevention **Credit Hours: 3**
- CJT 3821 - Practical Security Applications **Credit Hours: 3**
- SCC 3316 - Special Security Problems **Credit Hours: 3**
- DSC 4012 - Terrorism **Credit Hours: 3**
- DSC 4013 - Homeland Security and Criminal Justice **Credit Hours: 3**

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.

Victim Advocacy Certificate

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs I, Room: 311

Contact: cjadvice@ucf.edu, 407-823-2603

Dr. Lee Ross, Lee.Ross@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 Department of Criminal Justice, the College of Nursing, the Department of Sociology, 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.

Required Courses (12 Credit Hours)

- 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 4632 - Older Adults and the Criminal Justice System **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select one of the following:

- SYP 4521 - Crime Victims in Society **Credit Hours: 3**
- NUR 4516 - Crisis Intervention **Credit Hours: 3**

- SOW 4754 - Forensic Social Work Theory and Practice **Credit Hours: 3**
- CJJ 4564 - Juvenile Justice System **Credit Hours: 3**
- CCJ 4690 - Sex Offenders and the Criminal Justice System **Credit Hours: 3**
- CCJ 4129 - Cultural Diversity in Criminal Justice **Credit Hours: 3**

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.
- 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.

Articulated A.S. Programs

Criminal Justice, A.S. to B.S. Track (B.S.)

College of Community Innovation and Education
Department of Criminal Justice,
Health and Public Affairs, Room: 311
<https://ccie.ucf.edu/criminaljustice/>

Email: cjadvice@ucf.edu Phone: 407-823-2603

Dr. Cory Watkins, Program Coordinator,
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 Program (GEP) (36 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)

- Completed as part of the approved A.S. program

- See "Common Prerequisites" in the Transfer and Transition Services section.

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (30 Credit Hours)

- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 3014 - Crime in America **Credit Hours: 3**
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- CCJ 4746 - Data Analysis for Criminal Justice **Credit Hours: 4**
- CJL 3510 - Prosecution and Adjudication **Credit Hours: 3**
- CJC 3010 - Corrections and Penology **Credit Hours: 3**
- CJE 4014 - Police and Society **Credit Hours: 3**
- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3**

Restricted Electives (21 Credit Hours)

- 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.
- 9 additional semester hours of 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.

Capstone Requirements

- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3** (is required for this major.)

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
- 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: 130**

Additional Information

Honors In Major

- None

Related Programs

- Legal Studies (B.A. or B.S.)

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.oeads.ucf.edu/alc/academic_learning_compacts.htm

Department of Educational Leadership and Higher Education

Chair: RoSusan D. Bartee
ED 209-B; 407-823-2595

Academic Support Services Coordinator:
Lindsay Archambault
<https://ccie.ucf.edu/elhe/>

Faculty: Baldwin, Ceballos, Cox, Eadens, Gordon, King, Marshall, Vitale, Walker

The Department of Educational Leadership and Higher Education (HELE) offers degree options, both at the undergraduate and graduate level, that provide students with a critical understanding of working collaboratively in K-12 and higher education administration, educational policy and technical education.

Major

Technical Education and Industry Training (B.S.)

College of Community Innovation and Education
Department of Educational Leadership and Higher Education,
Education Complex, Room: ED 220 C
<https://ccie.ucf.edu/elhe/career-and-technical-education/>

Contact: 407-823-6184, ED 220C

Dr. Lisa Martino, lisa.martino@ucf.edu

The mission of the undergraduate Technical Education and Industry Training program is to prepare highly effective educators for secondary school districts, post-secondary institutions and trainers for industry who are knowledgeable in their field, reflect teaching practices that are research-based, motivate students to be life-long learners, and supply their students with the skills necessary to compete in a new global community. This degree does not lead to an initial teacher certification at the state level.

Technical Education and Industry Training (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.

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)

- A grade of "C-" (1.75) or better is required.
- ENC 1102 - Composition II **Credit Hours: 3**

Core Requirements: Basic Level (3 Credit Hours)

- ECT 2002 - Introduction to Career and Technical Teaching and Training **Credit Hours: 3**

Core Requirements: Advanced Level (30 Credit Hours)

- A grade of "C-" (1.75) or better is required.
- ADE 4382 - Teaching Adult Learners in Technical Programs **Credit Hours: 3**
- ECT 3062 - Professional Roles of the Career & Technical Teacher **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**
- ECW 3564 - Special Populations in Career & Technical Education **Credit Hours: 3**
- ECT 4004 - Principles and Practices of Technical Education **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- ECT 4384 - Advanced Teaching Techniques for Career Education **Credit Hours: 3**
- ECT 4815 - Safety in the Technical Education Classroom and Laboratory **Credit Hours: 3**

Select One: (3 Credit Hours)

- BTE 4410 - Course Construction in Business Education **Credit Hours: 3**
- ECW 3312 - Course Construction in Health Occupations Education **Credit Hours: 3**

- ECT 3371 - Course Construction in Industrial Education **Credit Hours: 3**

Technical Specialization Requirements (30 Credit Hours)

- Students must complete an area of specialization through occupation-specific courses approved by advisor.
- A grade of "C-" (1.75) or better is required.

Restricted Electives (21 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Upper Division Electives (9 Credit Hours)

- With advisor's approval

Directed Field Experience (12 Credit Hours)

- 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.

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 advanced level coursework.
- Achieve a minimum overall 2.5 GPA

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

- 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

Plan of Study (120 Credit Hours)

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 2014C - 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**

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 4004 - Principles and Practices of Technical Education **Credit Hours: 3**
- Technical Specialization Course **Credit Hours: 3**
3 Discipline-specific courses for subject matter expertise

Junior Year - Spring (12 Credit Hours)

- ECT 3367 - Evaluation of Career & Technical Education Instruction **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**
- ECT 4815 - Safety in the Technical Education Classroom and Laboratory **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ADE 4382 - Teaching Adult Learners in Technical Programs **Credit Hours: 3**
- ECT 4384 - Advanced Teaching Techniques for Career Education **Credit Hours: 3**
- Upper Division Electives: **Credit Hours: 9**
9 Discipline-specific courses in the 3000/4000 level for subject matter expertise

Senior Year - Spring (12 Credit Hours)

ECT 4941 Internship – 12 Credit Hours

Minor

Technical Education and Industry Training Minor

**College of Community Innovation and Education
Department of Educational Leadership and Higher Education,**

Education Complex, Room: ED 220 C

<https://ccie.ucf.edu/elhe/career-and-technical-education/>

Contact: Dr. Lisa Martino, Lisa.Martino@ucf.edu, 407-823-6184

The minor in Technical Education and Industry Training 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

Required Courses (18 Credit Hours)

- ADE 4382 - Teaching Adult Learners in Technical Programs **Credit Hours: 3**
- ECT 4384 - Advanced Teaching Techniques for Career Education **Credit Hours: 3**
- ECT 3062 - Professional Roles of the Career & Technical Teacher **Credit Hours: 3**
- ECT 3367 - Evaluation of Career & Technical Education Instruction **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- ECT 4004 - Principles and Practices of Technical Education **Credit Hours: 3**

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.

Department of Health Management and Informatics

Chair: Reid Oetjen
DPAC 401 (UCF Downtown); 407-823-2359
<https://ccie.ucf.edu/hmi/>

Faculty: Andraka-Christou, Asi, Atkins, Bush, Chandler, Chisholm, Choi, Cortelyou-Ward, Elswick, Gabriel, Gurupur, Hou, King, Koval, Liu, Malvey, Nieves, Noblin, D. Oetjen, R. Oetjen, Ramirez, Robertson, Rotarius, Russell, Ton, Unruh, Walden, Wan, Wessel, West

The Department of Health Management and Informatics in the College of Community Innovation at the University of Central Florida is a global leader in the areas of health administration and informatics and is devoted to being the premier provider of: globally focused faculty research; quality education; and community commitment; all of which are enhanced by the diversity of its faculty, staff, and students. This commitment helps us to fulfill our commitment to transforming healthcare, one student at a time. In order to realize this mission, the department offers two undergraduate degree programs in Health Services Administration and Health Informatics and Information Management. Each program is designed to provide students with the skills and knowledge necessary to become a leader in the field of health care management.

Program in Health Services Administration

The Bachelor of Science in Health Services Administration program is an upper-division professional curriculum that focuses on the managerial side of the health care industry. The program curriculum is designed to provide students with the necessary industry knowledge and job skills needed by entry-level managers in a variety of health care organizations. Program graduates are prepared for entry-level management positions in all types of health care organizations, including hospitals, ambulatory care centers, assisted living facilities, medical group practices, long-term care facilities, and home health care agencies. This program will also prepare students for study in advanced degrees in Health Services Administration or related disciplines.

The program attracts a diverse student population interested in health care management. Students without a background in the health care industry are attracted to this major and are able to build a foundation in health services administration in order to enter the industry. Some students who enter the program have clinical work experience such as respiratory therapists, emergency medical technicians, radiographers and medical laboratory technologists, while other students may hold an A.S. degree or a nationally recognized license.

The core requirements of the program have course work in areas such as health care systems, finance, administration, research, terminology, law, ethics and economics. In addition, students are encouraged to take additional elective courses that will enhance their background in the health care industry. Participation in an internship is also required. All core courses are offered as web-based as well as mixed mode format.

The Bachelor of Science in Health Services Administration program is fully certified by AUPHA-The Association of University Programs in Health Administration.

Program in Health Informatics and Information Management

Health information managers are professional members of the modern health care team responsible for:

1. the acquisition and supervision of complete medical records on each patient,
2. the design and management of health information systems which collect, process, store, retrieve, and release health information and statistics,
3. assistance to administration, other health professionals, and medical staff in developing quality assurance programs by abstraction of medical data, preparation of statistical reports, and analysis of information, and
4. assistance in collection and analysis of data for public health services planning.

The curriculum of the Health Informatics and Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

The HIIM Program is a limited access program and requires a separate application to the program by March 1 for August admission and October 1 for January admission. Graduates of the Health Informatics and Information Management program are eligible to take the AHIMA Registered Health Information Administration Certification examination. Upon successfully passing the examination, the graduate will be recognized as a Registered Health Information Administrator (RHIA).

Major

Health Informatics and Information Management (B.S.)

**College of Community Innovation and Education
Department of Health Management and Informatics,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 401
<https://ccie.ucf.edu/hmi/programs/hiim/>**

Contact: Dr. Alice M. Noblin, alice.noblin@ucf.edu
Phone: 407-823-2353

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Select One: (3 Credit Hours)

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (Required)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Preferred)

Common Program Prerequisites (CPP) (17 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ See Transfer Notes

- ZOO 3733C - Human Anatomy **Credit Hours: 4**¹
- PCB 3703C - Human Physiology **Credit Hours: 4**
- STA 2014C - Principles of Statistics **Credit Hours: 3** Or STA 2023
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**¹
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (66 Credit Hours)

- HSA 3423 - Health Law **Credit Hours: 3**
- HSA 3170 - Health Care Finance **Credit Hours: 3**
- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HSA 4191 - Fundamentals of Health Information Technology **Credit Hours: 3**
- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**

- HIM 4624 - Health Data Management **Credit Hours: 3**
- HIM 3006 - Foundations of Health Information Management (HIM) **Credit Hours: 3**
- HIM 3116C - Health Record Organization and Management **Credit Hours: 4**
- HIM 3806C - Professional Practice Experience I **Credit Hours: 3**
- HIM 4816L - Professional Practice Experience II **Credit Hours: 3**
- HIM 4226C - ICD Diagnosis Coding **Credit Hours: 5**
- HIM 4256C - Outpatient Procedural Coding and Reimbursement **Credit Hours: 3**
- HIM 4676 - Professional Development and Issues in Health Information Management **Credit Hours: 3**
- HIM 4344C - Health Information Department Management **Credit Hours: 4**
- HIM 4508C - Quality Management **Credit Hours: 3**
- HIM 4656C - Health Information Management Systems **Credit Hours: 3**
- HIM 4726 - ICD Procedure Coding **Credit Hours: 3**
- HIM 4838 - Management Affiliation **Credit Hours: 5**
- HIM 4998 - Internship Orientation **Credit Hours: 0**

Select One: (3 Credit Hours)

- HSA 4180 - Organization & Management for Health Agencies I **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**

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

- None

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
- 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

- None

Related Programs

- Health Services Administration (B.S.)
- Business Administration
- Computer Science (B.S.)

Certificates

- None

Related Minors

- Health Services Administration Minor
- 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 any other statistics course)
- Computer Science for Business (CGS 2100C)

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 (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 1032 - General Chemistry **Credit Hours: 3**
- HSA 2117 - Civic Engagement in the US Healthcare System **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP Social **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- GEP Historical **Credit Hours: 3**
- GEP Social **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**

- PCB 3703C - Human Physiology **Credit Hours: 4**
- GEP Communication **Credit Hours: 3**
- GEP Cultural **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- HSA 4191 - Fundamentals of Health Information Technology **Credit Hours: 3**¹
- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3**
- HIM 3006 - Foundations of Health Information Management (HIM) **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**¹

Select One: (3 Credit Hours)

- MAN 3025 - Management of Organizations **Credit Hours: 3**¹
 - HSA 4180 - Organization & Management for Health Agencies I **Credit Hours: 3**
- ¹ 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 (15 Credit Hours)

- HIM 4226C - ICD Diagnosis Coding **Credit Hours: 5**
- HIM 3116C - Health Record Organization and Management **Credit Hours: 4**
- HIM 3806C - Professional Practice Experience I **Credit Hours: 3**
- HIM 4624 - Health Data Management **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HSA 3423 - Health Law **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- HIM 4344C - Health Information Department Management **Credit Hours: 4**
- HIM 4508C - Quality Management **Credit Hours: 3**
- HIM 4256C - Outpatient Procedural Coding and Reimbursement **Credit Hours: 3**
- HIM 4656C - Health Information Management Systems **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- HIM 4676 - Professional Development and Issues in Health Information Management **Credit Hours: 3**
- HIM 4816L - Professional Practice Experience II **Credit Hours: 3**
- HIM 4726 - ICD Procedure Coding **Credit Hours: 3**¹
- HSA 3170 - Health Care Finance **Credit Hours: 3**¹
- HIM 4998 - Internship Orientation **Credit Hours: 0**

¹ 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.

Senior Year - Summer (5 Credit Hours)

- HIM 4838 - Management Affiliation **Credit Hours: 5**

Health Services Administration (B.S.)

College of Community Innovation and Education
Department of Health Management and Informatics,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC): Room 401
<https://ccie.ucf.edu/hmi/programs/hsa/>
Email: hsainfo@ucf.edu

Contact: 407-823-2359

Dr. Mark Bush, Undergraduate Program Director
mark.bush@ucf.edu

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, 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 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 department of Health Management and Informatics.
- Students must achieve at least 2.5 overall GPA for graduation.
- Satisfactory completion of HSA 4850 - Health Services Administration Internship

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (Required)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (9 Credit Hours)

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.

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Select One:

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)
- CGS 1060C - Introduction to Computers **Credit Hours: 3** (GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (48 Credit Hours)

Students must earn a "C" (2.0) or better in each Core Requirement

¹ Course must be completed no more than one semester prior to HSA 4850.

- HSA 3104 - Health Services Administration Cornerstone **Credit Hours: 3**
- HSA 3111 - U.S. Health Care Systems **Credit Hours: 3**
- HSA 3170 - Health Care Finance **Credit Hours: 3**
- HSA 3222 - Long Term Care and Administration **Credit Hours: 3**
- HSA 3430 - Health Care Economics **Credit Hours: 3**
- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HSC 4201 - Community Health **Credit Hours: 3**
- HSA 4180 - Organization & Management for Health Agencies I **Credit Hours: 3**
- HIM 4508C - Quality Management **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**
- HSC 4500 - Epidemiology **Credit Hours: 3**
- HSC 4652 - Health Law and Ethics **Credit Hours: 3**
- HSA 4184 - Organization & Management for Health Agencies II **Credit Hours: 3**
- HSA 4191 - Fundamentals of Health Information Technology **Credit Hours: 3**
HSA 4850 - Health Services Administration Internship **Credit Hours: 3**
- HSA 4853 - Internship Orientation **Credit Hours: 0** ¹
Select one:

- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3**
- HSA 4003 - The Patient Experience from an Administrator's Perspective **Credit Hours: 3**

Restricted Electives

- None

Capstone Requirements (3 Credit Hours)

- HSA 4939 - Health Services Administration Capstone **Credit Hours: 3**

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. 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 the internship begins; 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. It is advised that, in the semester prior to the internship, the student contact the organization directly to obtain further information on the organization's background check requirements. 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.

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
- 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

- 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 assigned 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (15 Credit Hours)

¹ Suggested Introductory Elective

- ENC 1101 - Composition I **Credit Hours: 3**
- HSA 2117 - Civic Engagement in the US Healthcare System **Credit Hours: 3** ¹
- MAC 1105C - College Algebra **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP Social **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- GEP Communication **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- GEP Cultural **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- GEP Science **Credit Hours: 3**

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

Sophomore Year - Summer (8 Credit Hours)

¹ If not satisfied in high school

Select One: (3 Credit Hours)

- Free Elective **Credit Hours: 3**
- Foreign Language **Credit Hours: 4** ¹

Select One: (3 Credit Hours)

- Free Elective **Credit Hours: 3**
- Foreign Language **Credit Hours: 4** ¹

Junior Year - Fall (15 Credit Hours)

¹ Must be taken in First Semester in the Major

- HSA 3104 - Health Services Administration Cornerstone **Credit Hours: 3** ¹
- HSA 3111 - U.S. Health Care Systems **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**
- HSC 4201 - Community Health **Credit Hours: 3**
- HSA 3222 - Long Term Care and Administration **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- HSA 3170 - Health Care Finance **Credit Hours: 3**
- HSC 4500 - Epidemiology **Credit Hours: 3**
- HSA 4180 - Organization & Management for Health Agencies I **Credit Hours: 3**
- HSA 4191 - Fundamentals of Health Information Technology **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- HSA 3430 - Health Care Economics **Credit Hours: 3**
- HSA 4184 - Organization & Management for Health Agencies II **Credit Hours: 3**
- HIM 4508C - Quality Management **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- HSA 4853 - Internship Orientation **Credit Hours: 0**
Select one:
- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3 or**
- HSA 4003 - The Patient Experience from an Administrator's Perspective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HSC 4652 - Health Law and Ethics **Credit Hours: 3**
- HSA 4939 - Health Services Administration Capstone **Credit Hours: 3**
- HSA 4850 - Health Services Administration Internship **Credit Hours: 3**
Elective / Minor **Credit Hours: 3**

Minor

Health Informatics and Information Management Minor

**College of Community Innovation and Education
Department of Health Management and Informatics,
UCF Downtown, Dr. Phillips Academic Commons (DPAC), Room: 401**

<https://ccie.ucf.edu/hmi/programs/hiim-minor/>

Contact: Dr. Alice Noblin, alice.noblin@ucf.edu, 407-823-2353

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (20 Credit Hours)

- HIM 3006 - Foundations of Health Information Management (HIM) **Credit Hours: 3**
- HIM 4508C - Quality Management **Credit Hours: 3**
- HIM 4656C - Health Information Management Systems **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**
- HIM 4226C - ICD Diagnosis Coding **Credit Hours: 5**
- HIM 4256C - Outpatient Procedural Coding and Reimbursement **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 20

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 Minor

College of Community Innovation and Education
Department of Health Management and Informatics,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC): Room 401

Email: hsainfo@ucf.edu

<https://ccie.ucf.edu/hmi/programs/hsa/minor/>

Contact: Dr. Mark Bush, Undergraduate Program Director
Phone: 407-823-2359

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (15 Credit Hours)

- HSA 3111 - U.S. Health Care Systems **Credit Hours: 3**
- HSC 4201 - Community Health **Credit Hours: 3**
- HSA 4180 - Organization & Management for Health Agencies I **Credit Hours: 3**

- HSA 4191 - Fundamentals of Health Information Technology **Credit Hours: 3**
- HSC 4500 - Epidemiology **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Additional prerequisite courses may be required

Select One: (3 Credit Hours)

- HSC 4652 - Health Law and Ethics **Credit Hours: 3**
- HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans **Credit Hours: 3**
- HIM 4508C - Quality Management **Credit Hours: 3**
- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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 department of Health Management and Informatics.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Department of Learning Sciences and Educational Research

Chair: Richard Hartshorne
ED 206; 407-823-5101

Academic Support Services Coordinator:
Erica Mendoza-Moreira
<https://ccie.ucf.edu/lser/>

Faculty: Azevedo, Bai, Biraimah, Boote, Campbell, Clark, Eriksson, Gill, Gunter, Hahs-Vaughn, Harshorne, Hirumi, Hoffman, Jackson, Jeanpierre, Mendoza-Moreira, Sivo, Taub

The Department of Learning Sciences and Educational Research (LaSER) is an interdisciplinary department focusing on the application of psychological theories and research addressing how people learn; how educators can meet the needs of diverse advanced, gifted, and talented learners; the design and application of qualitative, quantitative, and mixed research methodologies, measurement, and program evaluation; and the design, development, implementation, and evaluation of innovative instructional methodologies and programs in K-12, higher education, and business and industry settings.

Department of Legal Studies

Chair: Alisa Smith
DPAC 430 (UCF Downtown); 407-823-1670
<https://ccie.ucf.edu/legalstudies/>

Faculty: Bast, Beckman, K. Consalo, M. Consalo, Fiesta, Koblasz, Merriam, Meltzer, Milon, Pons, Ravich, Scott, Slaughter, Wood

The Legal Studies Program provides students with a broad understanding of basic principles of law and the role and function of the legal system. The Legal Studies program, in addition to preparing students for law-related careers, provides a foundation for law school or other graduate education. All of the full time Legal Studies faculty are attorneys who are graduates of ABA approved law schools and are available for law school advising. Satisfactory completion of program requirements leads to the degree of Bachelor of Arts or Bachelor of Sciences in Legal Studies. The department houses Phi Alpha Delta - Pre-Law Fraternity, Phi Delta Phi – Legal Honor Society, the UCF Mock Trial Team and the UCF Moot Court teams.

Major

Legal Studies (B.A. or B.S.)

College of Community Innovation and Education
Department of Legal Studies,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 430
Email: legalstudies@ucf.edu
Phone: 407-823-1670
<https://ccie.ucf.edu/legalstudies/>

Dr. Margarita Koblasz, Program Coordinator
drk@ucf.edu

Mrs. Kristal Johnson, Program Academic Advisor
k.johnson@ucf.edu

Dr. Marc Consalo, Internship Coordinator
Marc.Consalo@ucf.edu, 407-823-2970

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, 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.
- 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 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)

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 (12 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 4705 - Professionalism & Civility in the Law **Credit Hours: 3**

Restricted Electives (33 Credit Hours)

Upper Division Restricted Electives (24 Credit Hours)

- 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** 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**
- **Advocacy**
- 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**
Law and Business
- 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**
Law and Technology
- PLA 3871 - Law and Technology: Drones and Artificial Intelligence **Credit Hours: 3** or
- PLA 4410H - Hon: Intellectual Property Law and Practice **Credit Hours: 3** or
- PLA 4861 - Aviation Law **Credit Hours: 3** or
- PLA 4764 - Law Office Practices **Credit Hours: 3**
Family Matters
- 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**
International
- 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**

Additional PLA Electives in Legal Studies (9 Credit Hours)

Select three additional Legal Studies courses from the following areas: Law and Policy; Advocacy; Law and

Business; Law and Technology; Family Matters; or International.

Supporting Courses (3 Credit Hours)

- Students must complete 3 credit hours of supporting coursework from an approved list provided by the department.

Capstone Requirements (3 Credit Hours)

- Students must complete Capstone **or** Internship. Capstone **or** Internship must be completed with a minimum grade of "C" (2.0) to satisfy the major.
- Prerequisite for Capstone and Internship is PLA 4705 Professionalism & Civility in the Law.
- Students must be recommended by PLA4705 faculty for an internship.
- 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.*

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

- 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. Standardized examinations for foreign languages may be used to meet the requirement.

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
- 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 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

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- Mathematical Foundations I **Credit Hours:**
- PAF 2102 - Public Affairs Careers **Credit Hours: 2**

- Social Foundations II **Credit Hours: 3**
- Science Foundations II **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- Mathematical Foundations II **Credit Hours: 3**
- Social Foundations I **Credit Hours: 3**
- Cultural and Historical Foundations I **Credit Hours: 3**

Freshman Year - Summer (4 Credit Hours)

- Foreign Language I or BS option **Credit Hours: 4**

Sophomore Year - Fall (12 Credit Hours)

- Communication Foundations III **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Science Foundation I **Credit Hours: 3**
- Cultural and Historical Foundations II **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- PLA 3014 - Law and the Legal System **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 2**
- Elective / Minor **Credit Hours: 3**
- Cultural and Historical Foundations III **Credit Hours: 3**

Sophomore Year - Summer (4 Credit Hours)

- Foreign Language II or BS option **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- PLA 3108 - Legal Research **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- PLA 3155 - Legal Writing **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Supporting Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PLA 4705 - Professionalism & Civility in the Law **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**
- PLA Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PLA Elective **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- PLA Restricted Elective **Credit Hours: 3**
- Experiential Learning: PLA4935 or PLA4941 - Capstone or Internship **Credit Hours: 3**

Minor

Legal Studies Minor

College of Community Innovation and Education
 Department of Legal Studies,
 UCF Downtown, Dr. Phillips Academic Commons
 (DPAC), Room: 430
 Email: legalstudies@ucf.edu
 Phone: 407-823-1670
<https://ccie.ucf.edu/legalstudies/>

Dr. Margarita Koblasz, Program Coordinator
drk@ucf.edu, 407-823-1670

Mrs. Kristal Johnson, Program Academic Advisor
k.johnson@ucf.edu, 407-823-1670

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.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (3 Credit Hours)

- PLA 3014 - Law and the Legal System **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Restricted Upper Division Electives

- 15 credit hours of Legal Studies courses.
- The 15 hours must include at least one (1) course from at least three (3) of the following areas of concentration.

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**

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**

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**

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**

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**

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.

Certificate

Individual Liberties Certificate

College of Community Innovation and Education College of Sciences

Department of Legal Studies, UCF Downtown, Dr. Phillips Academic Commons (DPAC), Room: 430

<https://www.ccie.ucf.edu/legalstudies/>

School of Politics, Security, and International Affairs, Howard Phillips Hall, Room: 302

<http://www.cos.ucf.edu/politicalscience>

Dr. Margarita Koblasz, drk@ucf.edu, (407) 823-1670

Dr. Barry Edwards, politics@ucf.edu, (407) 823-2608

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.

Required Courses (6 hrs)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

- PLA 3306 - Criminal Law **Credit Hours: 3**
- POS 4604 - American Constitutional Law II **Credit Hours: 3**

Restricted Electives (9 hrs)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3**
or
- INR 4075 - Human Rights Policy **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**
(can be taken twice for credit when course content is different)
or

- POS 3234 - Protest in American Politics **Credit Hours: 3**
or
- POS 4622 - Politics and Civil Rights **Credit Hours: 3**
or
- POS 4623 - Guns, Freedom and Citizenship **Credit Hours: 3**
or
- PUP 3314 - Minorities in American Politics **Credit Hours: 3**
or
- PLA 4886 - Sexuality, Gender, & the Law **Credit Hours: 3**

Total Undergraduate Credit Hours
Required: 15

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.

Litigation and Advocacy Certificate

College of Community Innovation and Education
College of Sciences
Department of Legal Studies
Nicholson School of Communication
<https://ccie.ucf.edu/legalstudies/>
Email: drk@ucf.edu
Email: nassc@ucf.edu

Dr. Margarita Koblasz, drk@ucf.edu, 407-823-1670
Phone: NASSC: 407-823-2681

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.

Admission Requirements

- None

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.

Required Courses (9 Credit Hours)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

- PLA 4703 - Professional Ethics and Liability **Credit Hours: 3**
- PLA 4910 - Trial Advocacy **Credit Hours: 3**
Select one:
- SPC 3513H - Honors Argumentation and Debate **Credit Hours: 3**
- SPC 4513C - Argumentation and Debate **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

Select two:

- COM 4110 - Business and Professional Communication **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- PLA 3951H - Honors Moot Court **Credit Hours: 3**
- PLA 4226 - Advanced Trial Advocacy **Credit Hours: 3**
- PLA 4263 - Evidence **Credit Hours: 3**
- SPC 3445 - Leadership Through Oral Communication **Credit Hours: 3**
- SPC 4540 - Persuasion and Communication **Credit Hours: 3**

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.

Urban Real Estate and Development Certificate

College of Community Innovation and Education
College of Business Administration
Department of Legal Studies, UCF Downtown, Dr. Phillips Academic Commons (DPAC), Room: 430
<https://www.ccie.ucf.edu/legalstudies/>
School of Public Administration, UCF Downtown, Dr. Phillips Academic Commons (DPAC), Room: 446
Department of Finance, Business Administration Building, Room: 409

Dr. Margarita Koblasz, drk@ucf.edu, (407) 823-1670

Paul P. Gregg M.S.A. C.P.A., paul.gregg@ucf.edu, (407) 823-3156

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.

Certificate Requirements

Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

It is strongly recommended students complete FIN2100 Personal Finance in addition to the required course listed below.

- FIN 3403 - Business Finance **Credit Hours: 3**

Required Courses: (9 hrs.)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

- PLA 3615 - Property and Real Estate Law **Credit Hours: 3**
- PLA 4617 - Urban Development Law **Credit Hours: 3**
- REE 3043 - Fundamentals of Real Estate **Credit Hours: 3**

Restricted Electives: (6 hrs.)

*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**

Pick one from the following three (3) courses:

- REE 4103 - Real Estate Appraisal and Valuation **Credit Hours: 3**
- REE 4303 - Real Estate Investment Analysis **Credit Hours: 3**
- REE 4312 - Real Estate Market Analysis **Credit Hours: 3**

Pick one from the following six (6) courses:

- PAD 3330 - Urban and Regional Planning **Credit Hours: 3**
- PAD 4331 - Land Use and Planning **Credit Hours: 3**
- PAD 4334 - Urban Design **Credit Hours: 3**
- PLA 4485 - Administrative Law - **Credit Hours: 3**
- PLA 4464 - Bankruptcy - **Credit Hours: 3**
- PLA 4436 - Florida Partnerships - **Credit Hours: 3**

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.

Accelerated Undergraduate-Graduate Program

UCF Legal Studies/Barry Law/Touro Law (B.A. / B.S. to J.D.)

**College of Community Innovation and Education
Department of Legal Studies,
UCF Downtown, Dr. Phillips Academic Commons (DPAC), Room: 430
<http://ccie.ucf.edu/legalstudies/>
Email: legalstudies@ucf.edu
Phone: 407-823-1670**

Mrs. Kristal Johnson, Program Coordinator,
k.johnson@ucf.edu

Dr. Marc Consalo, Internship Coordinator,
marc.consalo@ucf.edu, 407-823-2970

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.

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

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

- 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 5011 - Civil Procedure **Credit Hours: 4**
- LAW 5337 - Contracts **Credit Hours: 4**
- LAW 5106 - Criminal Law **Credit Hours: 3**
- LAW 5110 - Legal Methods I **Credit Hours: 1**
- LAW 5010 - Legal Research and Writing I **Credit Hours: 3**

Spring Semester

- LAW 5206 - Criminal Procedure **Credit Hours: 3**
- LAW 5288 - Property **Credit Hours: 4**
- LAW 5219 - Torts **Credit Hours: 4**
- LAW 5210 - Legal Methods II **Credit Hours: 1**
- LAW 5020 - Legal Research and Writing II **Credit Hours: 3**

Touro Law School

requirements, including the completion of 120 credit hours.

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

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

- 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.oas.ucf.edu/alc/academic_learning_compacts.htm

School of Public Administration

Director: Naim Kapucu
DPAC 446 (UCF Downtown); 407-823-2604
<https://ccie.ucf.edu/public-administration/>

Faculty: Bryer, Buckingham, Concha, Emrich, Fennessey, Hall, Hawkins, Hu, Kapucu, Knox, Korosec, Krick, Larson, Liou, Mitchell, Myser, Rogers, Seigler, Stephens, Stevens, Yeo, Yu, Zavattaro

The School of Public Administration develops future public service professionals through a variety of degrees and minors providing students with a broad understanding of public administration, nonprofit management, urban and regional planning, and emergency management and homeland security. The School prepares students for professional careers in public service in all levels of the public sector, in nonprofit organizations, and in private organizations that provide services for government. The public sector is vast and includes over 22 million employees at the city, county, state, and federal levels. The

nonprofit sector has expanded to nearly half that number and will continue to expand in order to meet the needs of the communities it serves, and as a result of governments contracting with nonprofit and private organizations, there is an increase in demand for the nonprofit and private sectors to deliver important public services. The Bachelor of Arts or Science degree in Public Administration enables students to attain entry level positions in government, nonprofit organizations, and other organizations that provide services for government. Those seeking senior management and executive positions are strongly encouraged to pursue the Master of Public Administration (MPA), the Master of Nonprofit Management (MNM), the Master of Science in Urban and Regional Planning (MSURP), the Master of Emergency and Crisis Management (MECM) or the Master of Research Administration (MRA).

Major

Emergency Management (B.A. / B.S.)

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons (DPAC): Room 446
<https://ccie.ucf.edu/public-administration/emergency-management/>

Contact: 407-823-2604

Dr. Stephanie Krick, stephanie.krick@ucf.edu, Program Director

Dr. Daniel Seigler, daniel.seigler@ucf.edu, Internship Director

Mr. Steven Carrillo, steven.carrillo@ucf.edu, Program Academic Advisor

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.

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.
- 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.

UCF General Education Program (GEP) (36 Credit Hours)

- Communication Foundations (**9 Credit Hours**)
- 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 (30 Credit Hours)

Core requirements must be completed with a minimum GPA of 2.5 to satisfy the major

- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD 4390 - Hazard Mitigation and Preparedness **Credit Hours: 3**
- PAD 4392 - Emergency Management and Homeland Security **Credit Hours: 3**
- PAD 4395 - Disaster Response and Recovery **Credit Hours: 3**
- PAD 4712 - Information Systems for Public Managers and Planners **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**
- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
PAD 4941 - Public Administration Internship **Credit Hours: 3**
- PAD 4371 - Community Resiliency & Sustainability **Credit Hours: 3**

Restricted Electives (24 Credit Hours)

Required Minor (18 Credit Hours)

- 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.

BA/BS Option (6 Credit Hours)

- 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.

- Students pursuing the BS degree must complete two additional courses from the following list (please note that courses used to satisfy the required minor can not be used for the requirement):
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4131 - Public Sector Project Management **Credit Hours: 3**
- PAD 4253 - Community & Economic Development **Credit Hours: 3**
- PAD 4351 - Issues in Environmental Program Management **Credit Hours: 3**
- PAD 4414 - Human Resource Administration **Credit Hours: 3**
- CJT 3803 - Security Management **Credit Hours: 3**
- DSC 4012 - Terrorism **Credit Hours: 3**
- DSC 4013 - Homeland Security and Criminal Justice **Credit Hours: 3**
- INR 4074 - Immigration Policy **Credit Hours: 3**
- INR 4084 - Politics of International Terrorism **Credit Hours: 3**
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3**
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3**
- PUR 4400 - Crisis Communication **Credit Hours: 3**

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

- 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
- 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.

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" (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

- 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 2014C - 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 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 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- 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**

Nonprofit Management (B.A. or B.S.)

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 446
<https://ccie.ucf.edu/public-administration/nonprofit-management/>

Contact: 407-823-2604

Dr. Stephanie Krick, stephanie.krick@ucf.edu, Program Director

Dr. Daniel Seigler, daniel.seigler@ucf.edu, Internship Director

Mr. Steven Carrillo, steven.carrillo@ucf.edu, Program Academic Advisor

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.

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 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 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 3930 - 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).

Capstone Requirements

- PAD 3930 - Nonprofit Leadership Seminar **Credit Hours: 3**

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

- 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

- 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
- 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

- 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/alc/academic_learning_compacts.htm

Plan of Study

- Although all classes are listed as being taken during the academic year, you may take classes during the summer semester.
- This is one of numerous possible plans of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CGS 1060C - Introduction to Computers **Credit Hours: 3**
- SOW 2020 - Careers in Creating Social Change **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**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
or
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

- GEP Science **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GEP Historical **Credit Hours: 3**
- GEP Communication **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- PAD 4144 - Nonprofit Organizations **Credit Hours: 3**
- PAD 4147 - Resource Development in the Nonprofit Sector **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- PAD 4148 - Volunteer Management **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Supporting Upper-Division Elective OR BA Course **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PAD 4153 - Planning and Improvement for Public Organizations **Credit Hours: 3**
- PAD 3930 - Nonprofit Leadership Seminar **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PAD 4325 - Program Evaluation for Public and Nonprofit Organizations **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Supporting Upper-Division Elective OR BA Course **Credit Hours: 3**
- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- PAD 4941 - Public Administration Internship **Credit Hours: 3**

Public Administration (B.A. or B.S.)

**College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 446**

<https://ccie.ucf.edu/public-administration/public-administration/>

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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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP) (3 Credit Hours)

See "Common Prerequisites" in the Transfer and Transition Services section

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (GEP)
- POS 2041 - American National Government **Credit Hours: 3** (GEP)
Select one:
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Core Requirements: Basic Level

Select One:

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Core Requirements: Advanced Level (33 Credit Hours)

Core requirements must be completed with a minimum GPA of (2.5) to satisfy the major.

- PAD 3003 - Public Administration in American Society **Credit Hours: 3**
- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- PAD 4034 - The Administration of Public Policy **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD 4414 - Human Resource Administration **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD 4941 - Public Administration Internship **Credit Hours: 3**
- PAD 4131 - Public Sector Project Management **Credit Hours: 3**
- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**

- PAD 4886 - Public Service Leadership **Credit Hours: 3**
- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**

Restricted Electives (24 Credit Hours)

Required Minor or Certificate in the School of Public Administration (18 Credit Hours)

- 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 Credit Hours)

- 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

- None

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 48 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

- 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

- 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
- 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

- 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 2014C 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" (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

- 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 2014C - 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 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 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- 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**

Minor

Emergency Management and Homeland Security Minor

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC); Room 446
<https://ccie.ucf.edu/public-administration/emergency-management/>

Contact: 407-823-2604

Dr. Stephanie Krick, stephanie.krick@ucf.edu, Program Director

Mr. Steven Carrillo, steven.carrillo@ucf.edu, Program Academic Advisor

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

Required Courses (15 Credit Hours)

- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**
- PAD 4392 - Emergency Management and Homeland Security **Credit Hours: 3**
- PAD 4712 - Information Systems for Public Managers and Planners **Credit Hours: 3**
- PAD 4395 - Disaster Response and Recovery **Credit Hours: 3**

- PAD 4390 - Hazard Mitigation and Preparedness
Credit Hours: 3

Restricted Electives (3 Credit Hours)

Select One: (3 Credit Hours)

- DSC 4012 - Terrorism **Credit Hours: 3**
- DSC 4013 - Homeland Security and Criminal Justice **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

Nonprofit Management Minor

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: HPA II, Room: 446
<https://ccie.ucf.edu/public-administration/nonprofit-management/>

Contact: 407-823-2604

Dr. Stephanie Krick, stephanie.krick@ucf.edu, Program
Director

Mr. Steven Carrillo, steven.carrillo@ucf.edu, Program
Academic Advisor

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.

Minor Admission Requirements

- None

Prerequisite Courses

- None

Required Courses (9 Credit Hours)

- PAD 3930 - Nonprofit Leadership Seminar
Credit Hours: 3
- PAD 4144 - Nonprofit Organizations **Credit Hours: 3**
- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- PAD 4941 Public Administration Internship **Credit Hours: 3** ¹ Internships within other programs may be accepted with prior approval of the School of Public Administration Undergraduate Programs Director or Internship Director. advisor.

Restricted Electives (9 Credit Hours)

- Student can earn the remaining 9 credit hours by pursuing either the Generalist Emphasis or the Public Affairs Emphasis. The requirements for each are as follows:

Public Service Emphasis

- Choose 3 courses from the following:
- PAD 4131 - Public Sector Project Management
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**
- ¹ PAD 4223 - Public Budgeting: Skills and Techniques **Credit Hours: 3**
- ¹ PAD 4253 - Community & Economic Development **Credit Hours: 3**
- ¹ PAD 4325 - Program Evaluation for Public and Nonprofit Organizations **Credit Hours: 3**
¹ Course has prerequisites or may be open to students in that major only. Please see catalog for details.

Social Service Emphasis

The Social Service Emphasis is an option for Social Work BSW students only. Choose 3 courses from the following:

- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**
- SOW 3284 - Social Work Perspectives on Social Justice **Credit Hours: 3**
- ¹ SOW 3401 - Social Work Research **Credit Hours: 3**
- ¹ SOW 3352 - Practice II: Interpersonal Skills in Social Work **Credit Hours: 3**
¹ Course has prerequisites or may be open to students in that major only. Please see catalog for details.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

Public Administration Minor

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 446
<https://ccie.ucf.edu/public-administration/public-administration/>

Contact: 407-823-2604

Dr. Stephanie Krick, stephanie.krick@ucf.edu, Program Director

Mr. Steven Carrillo, steven.carrillo@ucf.edu, Program Academic Advisor

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

Required Courses (21 Credit Hours)

- PAD 3003 - Public Administration in American Society **Credit Hours: 3**
- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- PAD 4034 - The Administration of Public Policy **Credit Hours: 3**

- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD 4414 - Human Resource Administration **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 21

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 and Regional Planning Minor

College of Community Innovation and Education
School of Public Administration,
UCF Downtown, Dr. Phillips Academic Commons
(DPAC), Room: 446
<https://ccie.ucf.edu/public-administration/urban-regional-planning/>

Contact: Dr. Stephanie Krick, Stephanie.Krick@ucf.edu,
407-823-2604

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

Required Courses (21 Credit Hours)

- PAD 3330 - Urban and Regional Planning **Credit Hours: 3**
- PAD 4712 - Information Systems for Public Managers and Planners **Credit Hours: 3**
- PAD 4331 - Land Use and Planning **Credit Hours: 3**
- PAD 4334 - Urban Design **Credit Hours: 3**
- PAD 4253 - Community & Economic Development **Credit Hours: 3**
- PAD 4351 - Issues in Environmental Program Management **Credit Hours: 3**
- PAD 4803 - Issues in Urban Administration **Credit Hours: 3**

Restricted Electives

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 4822 - Intergovernmental Administration
Credit Hours: 3
- PAD 4390 - Hazard Mitigation and Preparedness
Credit Hours: 3
- PAD 4392 - Emergency Management and Homeland Security **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 21

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.

School of Teacher Education

Director: Malcolm Butler
ED 209-D; 407-823-1768

Faculty Academic Administrator:
Maria Busch; ED 209-G; 407-823-1763
<https://ccie.ucf.edu/teachered/>

Faculty: Albers-Biddle, Andreassen, Blanch, Brasel, Brooks, Bush, Butler, Carroll, Damico, Dieker, Dixon, Dooley, Ergle, Everett, Ezell, Freeman, Gao, Gelfuso, Goodman, Gresham, Grissom, Haciomeroglu, Hewitt, Hines, E. Hoffman, Jennings-Towle, Kay, Kelley, Kennedy, Kohler, Lanier, Levin, Little, Luke, Macy, Marino, Marrett, Martin, McGann, McLaughlin, McManus,

Michael-Luna, Nickels, Nutta, Olan, Ortiz, Regalla, Reyes, Roberts, Russell, Safi, Spalding, Stewart, Szente, Trenta, Van De Mark, Vasquez, Walters, Waring, Wenzel, Williams, Wolford, Zygouris-Coe

The School of Teacher Education prepares candidates to work in a variety of school and community settings, in the areas of Early Childhood Development Education, Elementary Education, Exceptional Student Education and Secondary Education. The Early Childhood Development and Education program has a track that prepares individuals to work with children in pre-Kindergarten through primary (PK-3) grades as certified teachers, with ESOL and Reading Endorsements, and another for individuals seeking to work with young children. The Elementary Education program has a track designed for prospective teachers interested in working with students in formal K-6 schools that require certification (Education Track) and another track for students interested in working outside of formal K-6 schools that do not require certification (Lifelong Learning Track). Upon completion of the Elementary Education – Education Track, candidates are eligible for Florida teacher certification, including ESOL and Reading Endorsements. Secondary Education programs are designed for prospective teachers interested in working with students in a specific content area, either in formal 6-12 schools that require certification (Education Track) or outside formal K-12 schools that do not require certification (Lifelong Learning Track). Preparation includes special training in Biology, Chemistry, English (with ESOL Endorsement), Mathematics, Physics, or Social Science Education. Programs are available in Teacher Education K-12 areas, such as Art Education, Physical Education, Reading Education, and World Language Education. The Exceptional Education program is designed for individuals interested in working with students who have disabilities. The School also offers a certificate in Substitute Teaching and minors in the programs areas.

Major

Early Childhood Development and Education, Track 1: Education, Pre-

Kindergarten - Primary (PK-3) (B.S.)

College of Community Innovation and Education

School of Teacher Education,

Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/early-childhood-education/>

Email: ece@mail.ucf.edu

Contact: Dr. Judy Levin, ED 122L, Judith.Levin@ucf.edu
Phone: 407-823-4615

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://ccie.ucf.edu/teachered/early-childhood-education/>.

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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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)

General Education Program elective from Cultural & Historical Foundation, Area 2: **Credit Hours: 3**

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
or
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- General Education Program elective from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Select One: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
- MAC 1105C - College Algebra **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (9 Credit Hours)

A grade of "C" (2.0) or better is required.

¹ In addition to this course, 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.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3** ¹
- EME 2040 - Introduction to Technology for Educators **Credit Hours: 3**

Core Requirements: Basic Level (15 Credit)

A grade of "C" (2.0) or better is required.

Other Program Prerequisites

¹ Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements 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**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**

- Elective **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**

Core Requirements: Advanced Level (60 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 Credit Hours)

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.

- 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**

Semester II (15 Credit Hours)

Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended to be taken during Semester III.

- 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**

Summer (6 Credit)

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.

- EEC 4303 - Planning Creative Activities in Early Childhood Education **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**

Semester III (12 Credit Hours)

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*

- 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**

Semester IV (12 Credit Hours)

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

- EEC 4943 - Student Teaching **Credit Hours: 12**

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
- 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

- 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

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 2014C - Principles of Statistics **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**

- BSC 1005 - Biological Principles **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 of Community Innovation and Education
School of Teacher Education,
Education Complex, Room 209
<https://ccie.ucf.edu/teachered/early-childhood-education/>
Email: ece@ucf.edu

Contact: Dr. Judy Levin, ED 122L, Judith.Levin@ucf.edu
Phone: 407-823-4615

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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 2: **Credit Hours: 3**
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
or
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement. **Credit Hours: 3**
- General Education Program elective: Prefer a second course from GEP Cultural & Historical Foundation, Area 1. **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Select One: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)
- POS 2041 - American National Government **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (6 Credit Hours)

A grade of "C" (2.0) or better is required.

- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Students interested in a career as a Child Life Specialist must select SOW 3104.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**¹

Core Requirements: Basic Level (18 Credit Hours)

A grade of "C" (2.0) or better is required.

- MUE 2211 - Early Childhood Music and Movement **Credit Hours: 3**
- ARE 2000 - Early Childhood Art and Creativity **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

- EEC 2732 - Health, Safety, and Nutrition for Young Children **Credit Hours: 3**
- Select 6 hours of Restricted Electives with advisor approval. **Credit Hours: 6**

Core Requirements: Advanced Level (60 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 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**

Semester II (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**

Semester III (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

Semester IV (12 Credit Hours)

- PET 4050C - Motor Development and Learning
Credit Hours: 3

Select Three Early Childhood Development Track Electives (9 Credit Hours)

Note: Students must consult with their advisor regarding approval for other elective options.

A grade of "C" (2.0) or better is required.

- EEC 4268 - Curriculum Activities in Early Childhood **Credit Hours: 3**
- EEC 4524 - Organization and Management in Early Childhood **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- PEO 3041 - Games Analysis **Credit Hours: 3**
- PET 3820 - Teaching Sports Skills I **Credit Hours: 3**
- PET 4710 - Methods for Physical Activity for Children and Adolescents **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- SOW 4650 - Child Abuse: Treatment and Prevention **Credit Hours: 3**
- SOW 4654 - Children's Services **Credit Hours: 3**
- EEC 4744 - Child Life: Psychosocial Care of Children in Health Settings **Credit Hours: 3**
- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**
- EEX 4751 - Parent Involvement in Education **Credit Hours: 3** or
- DEP 3202 - Psychology of Exceptional Children **Credit Hours: 3** or
- EEX 3221 - Assessment of Exceptional Students **Credit Hours: 3** or
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3** or
- EEX 4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs **Credit Hours: 3** or
- EEX 4601 - Introduction to Behavior Management **Credit Hours: 3** or

- PPE 3003 - Personality Theory and Research
Credit Hours: 3 or
- SOP 3004 - Social Psychology **Credit Hours: 3**
- or
- SOW 3740 - Social Work Practice with Loss & Life's Transitions **Credit Hours: 3**

Semester V (12 Credit Hours)

- EEC 4940 - Practicum: Early Childhood Development **Credit Hours: 12**

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
- 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

- 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: Select SOW 3104 - Human Behavior and the Social Environment I as a prerequisite course AND 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.oas.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 2014C - 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**

Elementary Education, K-6 Certification Track (B.S.)

College of Community Innovation and Education
School of Teacher Education
Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/elementary-education/>

Contact: Dr. Elizabeth Hoffman, 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://ccie.ucf.edu/teachered/elementary-education/>.

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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program course from Cultural & Historical Foundation, Area 1 chosen to meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from Cultural & Historical Foundation, Area 1. **Credit Hours: 3**

Select One: (3 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Suggested)
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (3 Credit Hours)

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.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (21 Credit Hours)

¹ Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

² 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.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**¹
- EDE 2280 - Arts and Wellness in Elementary Classrooms **Credit Hours: 3**²
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3**²
- SCE 3053 - Elementary Science for Teaching **Credit Hours: 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**
- EDG 2940 - Experiential Learning in Education **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Core Requirements: Advanced Level (60 Credits)

- The following recommended sequence of required upper division courses may vary at regional campus locations.
- Students must complete the Advanced Level courses required with a minimum letter grade of "C-" (1.75) or better is required.

Semester I (15 Credit Hours)

¹ Required prior to Internship I

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3** ¹
- LAE 3414 - Literature for Children **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3** ¹
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3** ¹

Semester II (15 Credit Hours)

¹ Required prior to Internship I

- 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** ¹
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3** ¹

Summer (6 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**

Semester III (Internship I Block) (12 Credit Hours)

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

¹ 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.

- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**
- MAE 4326 - How Children Learn Mathematics **Credit Hours: 3**
- EDE 3942 - Internship I **Credit Hours: 3** ¹
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Semester IV (Internship II Block) (12 Credit Hours)

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.

- EDE 4943 - Internship II (Elementary) **Credit Hours: 7-12**
- EDE 4301 - Elem Ed Capstone Colloquium **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 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
- 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

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.oas.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 2014C - 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 of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/lifelong-learning/>

Contact: Dr. Elizabeth Hoffman, 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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program course from Cultural & Historical Foundation, Area 1 & chosen meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from Cultural & Historical Foundation, Area 1. **Credit Hours: 3**

Select One: (3 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Suggested)
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (3 Credit Hours)

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.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (21 Credit Hours)

¹ Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

² 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.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** ¹
- EDE 2280 - Arts and Wellness in Elementary Classrooms **Credit Hours: 3** ²

- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3** ²
- SCE 3053 - Elementary Science for Teaching **Credit Hours: 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**
- EDG 2940 - Experiential Learning in Education **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Core Requirements: Advanced Level (60 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 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**

Semester II (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**

Summer (6 Credit Hours)

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**

Specialization Requirements

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.

- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CJE 3444 - Crime Prevention **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**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- DIG 3118 - Digital Tools and Technologies: Graphic Design **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- EEC 3700 - Social and Emotional Development of Young Children **Credit Hours: 3**
- EEC 4402 - Cultural and Family Systems **Credit Hours: 3**
- EEX 2010 - Introduction to Special Education **Credit Hours: 3**
- EEX 2090 - Exceptional Populations in School and Society **Credit Hours: 3**

- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 4601 - Introduction to Behavior Management **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**
- 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**
- PET 2081 - Wellness, Children and Schools **Credit Hours: 1**
- PLA 3014 - Law and the Legal System **Credit Hours: 3**
- PLA 3108 - Legal Research **Credit Hours: 3**
- PLA 4020 - Law and Society **Credit Hours: 3**
- SPC 3445 - Leadership Through Oral Communication **Credit Hours: 3**

Semester III (12 Credit Hours)

- 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.
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
- Choose Specialization courses **Credit Hours: 6**

Semester IV Credit Hours: 12

- Choose Specialization courses **Credit Hours: 12**

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
- 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

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.oas.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 2014C - 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**

Exceptional Student Education (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/exceptional-student-education/>

Contact: Dr. Rebecca Hines, rebecca.hines@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://ccie.ucf.edu/teachered/exceptional-student-education/>.

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 all Education Common Program Prerequisite courses with a minimum letter grade of "C" (2.0) 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).
- The Exceptional Education Program is community-based and courses include field experiences in a variety of settings during the junior and senior year of the program.
- Criminal background checks including fingerprints are required for all applicants to the Exceptional Education program. Students who do not meet approval criteria for working in local schools will not be admitted to the program.
- All applicants must complete an online orientation prior to acceptance into the program.

Degree Requirements

- Enrollment is limited. 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.
- 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.
- Passing scores on ALL three applicable sections of the Florida Teacher Certification Examination: General Knowledge Test (GKT), Professional Education Test (PEd) and Subject Area Examination for Exceptional Student Education K-12
- Students must earn a "C" (2.0) or better in each required Exceptional Education course
- Accepted students must agree to be available for practicum requirements which may occur during times and days which are outside of the UCF Academic Calendar.

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)

- General Education Program course from Cultural & Historical Foundation, Area 1 chosen to meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Suggested)
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government
Credit Hours: 3 (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (9 Credit Hours)

A grade of "C" (2.0) or better is required.

Students will take two content or disability-specific electives of choice.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (12 Credit Hours)

¹ 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.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** ¹
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3** ¹
- Electives with advisor approval **Credit Hours: 6**

Core Requirements: Advanced Level (63 Credit Hours)

- 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
- Only students pursuing the Exceptional Education B.S may enroll in RED 4519 and RED 4942 during the same semester.
- A grade of "C" (2.0) or better is required.

Semester I (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**

Semester II (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**
MAE 3310 OR MAE 3366
- EDF 4467 - Learning Theory and Assessment **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

Semester III (6 Credit Hours)

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.

- EEX 3221 - Assessment of Exceptional Students
Credit Hours: 3
- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**

Semester IV (15 Credit Hours)

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.

- EEX 3942 - Internship I Exceptional Education
Credit Hours: 3
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3**
- EEX 4763 - Technology for Classroom Teachers of Students with Special Needs **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **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

Semester V (12 Credit Hours)

*To enroll in this course, you must be registered for EEX 4941 Internship II.

- EEX 4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs **Credit Hours: 3**¹
- EEX 4941 - Internship **Credit Hours: 9**

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
- 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

- 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

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**
- GEP B1 Elective **Credit Hours: 3**
- Elective **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 2014C - 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**
- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**
- EEX 3243 - Techniques for Exceptional Adolescents-Adults **Credit Hours: 3**
- LAE 4314 - Language Arts in the Elementary School **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**
- EEX 4763 - Technology for Classroom Teachers of Students with Special Needs **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **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, Lifelong Learning Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/lifelong-learning/>

Contact: Dr. Rebecca Hines, rebecca.hines@ucf.edu

The Exceptional Student Education B.S. Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of exceptional students 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 serving persons with disabilities and non-traditional educational agencies serving students with disabilities.

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 all Education Common Program Prerequisite courses with a minimum letter grade of "C" (2.0) 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

- Enrollment is limited. 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.
- Students must earn a "C" (2.0) or better in each required Exceptional Education course.

1. UCF General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- Preferred SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Cultural & Historical Foundations (9 Credit Hours)

- General Education Program course from section B1 chosen to meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from GEP section B1 **Credit Hours: 3**
Select one:
- Preferred THE 2000 - Theatre Survey **Credit Hours: 3** or
- Preferred MUL 2010 - Enjoyment of Music **Credit Hours: 3** or
- Preferred PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

- Preferred STA 2014C - Principles of Statistics
Credit Hours: 3
Select one:
- Suggested MAC 1105C - College Algebra
Credit Hours: 3 or
- Suggested MGF 1106 - Finite Mathematics
Credit Hours: 3

Social Foundations (6 Credit Hours)

- Preferred POS 2041 - American National Government
Credit Hours: 3
- Preferred PSY 2012 - General Psychology
Credit Hours: 3

Science Foundations (6 hrs)

- Preferred PSC 1121 - Physical Science
Credit Hours: 3
- Preferred BSC 1005 - Biological Principles
Credit Hours: 3

Common Program Prerequisites (CPP) (9 Credit Hours)

- **A grade of "C" (2.0) or better is required.**
- EDF 2005 - Introduction to the Teaching Profession
Credit Hours: 3
- EDF 2085 - Introduction to Diversity for Educators
Credit Hours: 3
- EME 2040 - Introduction to Technology for Educators
Credit Hours: 3

Core Requirements: Basic Level (9 Credit Hours)

- **A grade of "C" (2.0) or better is required.**
- MHS 2330 - Career Planning
Credit Hours: 3
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns
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 (66 Credit Hours)

Education Core Requirements (42 Credit Hours)

- A grade of "C" (2.0) or better is required.
- 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
- RED 4519 - Diagnostic and Corrective Reading Strategies
Credit Hours: 3
- EEX 3221 - Assessment of Exceptional Students
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
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools
Credit Hours: 3
- TSL 4240 - Issues in Second Language Acquisition
Credit Hours: 3
- MAE 3310 - Elementary Mathematics for Teaching I
Credit Hours: 3
- EDG 4949 - Cooperative Education
Credit Hours: 3¹

¹ Students must apply and be approved to take EDG 4949. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4949, students should meet with their academic advisor.

Lifelong Learning Track Specialization Requirements (24 Credit Hours)

- Select preferred specialization courses with advisor approval. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, LAE, MAE, ARE, PET, EEC, SCE, SSE, RED, and TSL). Substitutions are allowed with advisor approval.
- A grade of "C" (2.0) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.

- EEX 2010 - Introduction to Special Education **Credit Hours: 3**
- EEX 3102 - Language Development and Communication Disorders **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 3754 - Parents as Educators **Credit Hours: 3**
- EEX 4753 - Parent/professional Collaboration **Credit Hours: 3**
- SCE 3053 - Elementary Science for Teaching **Credit Hours: 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**
- SCE 3310 - Teaching Science in Elementary School **Credit Hours: 3**
- SSE 3312 - Teaching Social Science in the Elementary School **Credit Hours: 3**
- LAE 3414 - Literature for Children **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom **Credit Hours: 3**
- ARE 4250 - Art for Exceptionalities **Credit Hours: 3**
- EEC 4402 - Cultural and Family Systems **Credit Hours: 3**
- EEC 4414 - Parent-Child Relations **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **Credit Hours: 3**
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**

- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- DIG 3525 - Digital Media Production I **Credit Hours: 3**
- DIG 3554 - Digital Tools and Technologies: Web Design **Credit Hours: 3**
- DIG 3811 - User-Centered Design **Credit Hours: 3**
- EEX 2090 - Exceptional Populations in School and Society **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- EXP 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**

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 overall 2.5 GPA within the major
- Achieve a minimum 2.5 GPA in the specialization coursework
- Achieve a minimum 2.5 GPA in education core 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/>

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.

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study (120 Credit Hours)

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:
- 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 (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**
Select one:
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- POS 2041 - American National Government **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**
- MHS 2330 - Career Planning **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- GEP B1 Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- STA 2014C - 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**
- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**
- Choose Specialization Course **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 3221 - Assessment of Exceptional Students **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**

Junior Year - Summer (6 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EDG 4949 - Cooperative Education **Credit Hours: 3**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Choose Specialization Course **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**
- Choose Specialization Course **Credit Hours: 3**

Secondary Education, English Language Arts Education - Lifelong Learning Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Building, Room: 209
<https://ccie.ucf.edu/teachered/lifelong-learning/>

Contact for Lifelong Learning Track: Dr. Janet Andreasen,
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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

Communications 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** (Required)

Cultural & Historical Foundations (9 credit hours)

- General Education Program course from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3** (Required)
Select One:
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

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, LAE, TSL, RED). Substitutions are allowed with advisor approval.

A grade of "C-"(1.75) or better is required.

Must have a total of 48 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 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/>

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

- 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.oas.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- 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 2014C - 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 of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209**
<https://ccie.ucf.edu/teachered/secondaryed/english-language-arts-education/>

Education Track Contact: Dr. Elsie Olan, ED 223N,
Elsie.Olan@ucf.edu, 407-823-5179
Education Track Contact: Dr. Nicole Damico, ED 223E,
Nicole.Damico@ucf.edu, 407-823-1862

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://ccie.ucf.edu/teachered/secondaryed/english-language-arts-education/>.

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 requirements are subject to change based on state mandates.

General Education Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

- General Education Program course from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

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 (3 Credit Hours)

A grade of "C-"(1.75) or better is required.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Core Requirements: Advanced Level (75 Credit Hours)

- A grade of "C-"(1.75) or better is required.

Education Core Requirements (21 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**¹
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**¹
- 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**

Education Track Specialization Requirements (33 Credit Hours)

- A grade of "C-"(1.75) or better is required.
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**¹ (GEP)
- LIT 2110 - World Literature I **Credit Hours: 3**¹ (GEP)
- ENL 2012 - English Literature I **Credit Hours: 3**¹ (CPP)
- ENL 2022 - English Literature II **Credit Hours: 3**¹
- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**

- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**
- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3041 - American Literature II **Credit Hours: 3**
- LAE 4466 - Canon, Young Adult Literature and the English Language Arts Curriculum **Credit Hours: 3**²
- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**²
- LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School **Credit Hours: 3**²
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**
1 Prerequisite for Internship I
2 Strongly recommend prior to Internship I

Select One: (3 Credit Hours)

- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**

Internship I Block (9 Credit Hours)

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/clinicalexp/>. A fee may be required as part of the placement application process.

A grade of "C-" (1.75) or better is required.

- 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**
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 Credit Hours)

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/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.

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.

- LAE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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 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
- 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

- 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.oas.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 2014C - 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)

- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1; **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (11 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**
- 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**

Core Requirements: Basic Level (9 Credit Hours)

A grade of "C-" (1.75) or better is required
Students should consult advisor regarding course options.

- STA 2023 - Statistical Methods I **Credit Hours: 3** GEP
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **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 (63 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (24 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **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**
- TSL 4080 - Theory and Practice of Teaching ESOL Students 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**
- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**¹

¹Students 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 (39 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, MAE, TSL, RED). Substitutions are allowed with advisor approval.

A grade of "C-"(1.75) or better is required.

Must have a total of 48 or more hours of upper level courses to graduate.

- MAE 3366 - Middle and High School Mathematics for Teaching **Credit Hours: 3**
- MAE 4333 - Teaching Geometry in the Secondary Schools **Credit Hours: 3**
- MAE 4339 - Teaching Algebra in Secondary Schools **Credit Hours: 3**
- MAE 4360 - Mathematics Instructional Analysis **Credit Hours: 4**
- MAE 4383 - Teaching Secondary Mathematics with Technology **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3203 - Introduction to Number Theory **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**
- STA 4163 - Statistical Methods II **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **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**
- 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 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.
- 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

- 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

- 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

Plan of Study (120 Credit Hours)

Mathematics Education – Lifelong Learning Track

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**
- GEP B1 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**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- GEP B3 Elective (Prefer course from section B1) **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**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

Sophomore Year - Fall (15 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**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 4**
Select one:
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Spring (12 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**

Junior Year - Summer (3 Credit Hours)

- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3**

Senior Year - Fall (14 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- 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: 2**

Senior Year - Spring (12 Credit Hours)

- 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, Mathematics Education Track (B.S.)

College of Community Innovation and Education School of Teacher Education, Education Building, Room: 209

<https://ccie.ucf.edu/teachered/secondaryed/math-education/>

Education Track Contact: Dr. Erhan Hacıomeroglu, ED 123H, Erhan.Haciomeroglu@ucf.edu, 407-823-4336

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://ccie.ucf.edu/teachered/secondaryed/math-education/>.

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 Program (GEP) (37 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (11 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**
- 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**

Core Requirements: Basic Level (3 Credit Hours)

A grade of "C-" (1.75) or better is required

Students should consult advisor regarding course options.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Core Requirements: Advanced Level (69 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (18 Credit Hours)

¹ Prerequisite to Internship I

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- 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**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3** ¹
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

Education Track Specialization Requirements (31 Credit Hours)

A grade of "C-" (1.75) or better is required.

¹ Prerequisite to Internship I

² Strongly recommended prior to Internship I

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** ¹ (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** ¹ (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** ¹ (CPP)
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** ¹ (CPP)
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3** ¹
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3203 - Introduction to Number Theory **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**
- STA 4163 - Statistical Methods II **Credit Hours: 3**
- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3** ²
- MAE 3366 - Middle and High School Mathematics for Teaching **Credit Hours: 3** ²

- MAE 4333 - Teaching Geometry in the Secondary Schools **Credit Hours: 3** ²
- MAE 4339 - Teaching Algebra in Secondary Schools **Credit Hours: 3**
- MAE 4383 - Teaching Secondary Mathematics with Technology **Credit Hours: 3** ²

Internship I Block (7 Credit Hours)

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. It is strongly recommended that students have completed MAE 3366, MAE 4634, MAE 4333, and MAE 4383 prior to Internship I. 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 required 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.

- MAE 4360 - Mathematics Instructional Analysis **Credit Hours: 4** ¹
- MAE 3940 - Internship **Credit Hours: 3**
1 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 Credit Hours)

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.

- MAE 4941 - Internship **Credit Hours: 10**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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.
- 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/>
- 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
- 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

- 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

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)

- MAE 4383 - Teaching Secondary Mathematics with Technology **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- STA 4163 - Statistical Methods II **Credit Hours: 3**

Junior Year - Spring (12 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**
- MAE 3366 - Middle and High School Mathematics for Teaching **Credit Hours: 3**
- MAE 4339 - Teaching Algebra in Secondary Schools **Credit Hours: 3**

Junior Year - Summer (3 credit hours)

- MAE 4634 - Programs in Teaching of Mathematics **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 Track (B.S.)

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209**
<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Education Track Contact: Dr. Tonjua Freeman, ED 115M, Tonjua.Freeman@ucf.edu, 407-823-3270

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://ccie.ucf.edu/teachered/secondaryed/science-education/>.

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). The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

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 Program (GEP) (39 Credit Hours)

- Note: Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

¹ A grade of "C-" (1.75) is required.

- PHY 2053C - College Physics I **Credit Hours: 4** (Required) ¹
- BSC 2010C - Biology I **Credit Hours: 4** (Required) ¹

Common Program Prerequisites (CPP) (15 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**
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Core Requirements: Basic Level (3 Credit Hours)

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 - Child and Adolescent Development for Educators **Credit Hours: 3** ¹
- ¹ Prerequisite to Internship I

Core Requirements: Advanced Level (63 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (18 Credit Hours)

¹ Prerequisite to Internship I

- 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**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **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

Education Track Specialization Requirements (26 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** GEP ¹
- PHY 2053C - College Physics I **Credit Hours: 4** GEP ¹
- BSC 2011C - Biology II **Credit Hours: 4** ¹ CPP
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** CPP ¹
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** CPP ¹
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** CPP ¹
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- CHM 2205 - Introduction to Organic and Biochemistry **Credit Hours: 5**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3** ²

- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**²
- Restricted Elective with advisor approval **Credit Hours: 2**²

¹Prerequisite to Internship I

²Strongly recommended prior to Internship I

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.

Select One: (4 Credit Hours)

- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- PCB 3063 - Genetics **Credit Hours: 3** and
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**

Internship I Block (7 Credit Hours)

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 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.*

- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 3940 - Internship **Credit Hours: 3**
Strongly recommended to complete SCE 3940 and SCE 4360 concurrently in the fall semester.

Internship II Block (12 Credit Hours)

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/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 at the pre-professional level in accordance with State Board of Education Rule 6A-5.066.

- SCE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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 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/>

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
- 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

- 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

Plan of Study (120 Credit Hours)

Science Education Biology 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**
- PSY 2012 - General Psychology **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**

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)

- POS 2041 - American National Government **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Sophomore Year - Spring (14 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**

Select one of the following sequences of courses:

- PCB 3063 - Genetics **Credit Hours: 3** and
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**
or
- PCB 3703C - Human Physiology **Credit Hours: 4**
or
- ZOO 3733C - Human Anatomy **Credit Hours: 4**

Junior Year - Spring (16 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- CHM 2205 - Introduction to Organic and Biochemistry **Credit Hours: 5**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**

Junior Year - Summer (5 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- Restricted Elective with Advisor Approval **Credit Hours: 2**

Senior Year - Fall (13 Credit Hours)

- 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**
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 3940 - Internship **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**
- SCE 4941 - Internship **Credit Hours: 9**

Secondary Education, Science Education Biology – Lifelong Learning Track (B.S.)

College of Community Innovation and Education
School of Teacher Education
Education Building, Room: 209

<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Lifelong Learning Track: Dr. Janet Andreasen, ED 123Q,
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 Program (GEP) (39 Credit Hours)

Note: Students are advised to take the preferred courses.

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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

¹A grade of "C-"(1.75) is required.

- PHY 2053C - College Physics I **Credit Hours: 4** (Required) ¹
- BSC 2010C - Biology I **Credit Hours: 4** (Required) ¹

Common Program Prerequisites (CPP) (15 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**
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Core Requirements: Basic Level (6 Credit Hours)

Education Track requires 3 semester hours

Lifelong Learning Track requires 6 semester hours

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

Lifelong Learning Track (6 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
Select One: (3 Credit Hours)
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Core Requirements: Advanced Level (60 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (24 Credit Hours)

- 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**
- EDG 4410 - Teaching Strategies and Classroom Management **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 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**¹

¹Students 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 (36 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,

LAE, TSL, RED). Substitutions are allowed with advisor approval.

A grade of "C-"(1.75) or better is required.

Must have a total of 48 or more hours of upper level courses to graduate.

- CHM 2205 - Introduction to Organic and Biochemistry **Credit Hours: 5**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **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**
- 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**

- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2750 - The Event Industry **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 Via by LiveText 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 by LiveText requirements before being certified for graduation. See <http://livetext.education.ucf.edu>

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

- 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

Plan of Study (120 Credit Hours)

Science Education Biology – Lifelong Learning Track

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
GEP B1 Elective **Credit Hours 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**
- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**
Select one:
- 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**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
Select one:

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- BSC 2011C - Biology II **Credit Hours: 4**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- Choose specialization course **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
Choose specialization course **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- SSE 4361 - Social Science Instructional Analysis **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- 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**
- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**
- Choose specialization course **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Secondary Education, Science Education Chemistry Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Education Track Contact: Dr. Su Gao, ED 115F,
Su.Gao@ucf.edu, 407-823-4834

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://ccie.ucf.edu/teachered/secondaryed/science-education/>.

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 Program (GEP) (38 Credit Hours)

- Note: Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MAC 1114C - College Trigonometry **Credit Hours: 3** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required) ¹
 - PHY 2053C - College Physics I **Credit Hours: 4** (Required) ¹
- ¹ A grade of "C-" (1.75) or better is required.

Common Program Prerequisites (CPP) (11 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**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2053C - College Physics I **Credit Hours: 4** **GEP**

Core Requirements: Basic Level (3 Credit Hours)

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.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- MAC 1114C - College Trigonometry **Credit Hours: 3** **GEP**

Core Requirements: Advanced Level (68 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (18 Credit Hours)

Education Track requires 18 semester hours of Education Core Requirements

Lifelong Learning Track requires 24 semester hours of Education Core Requirements

¹ Prerequisite to Internship I

- 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**

- ¹ EDG 4410 - Teaching Strategies and Classroom Management **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**
- ¹ TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Education Track Specialization Requirements (31 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP) ¹
- PHY 2053C - College Physics I **Credit Hours: 4** (GEP) ¹
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP) ¹
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP) ¹
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP) ¹
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- 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**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3** ²
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3** ²
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3** ²
- 3000/4000 level CHS or CHM Elective **Credit Hours: 3**
- 3000/4000 level elective approved by advisor **Credit Hours: 4**

¹ Prerequisite to Internship I

² Strongly recommended prior to Internship I

Internship I Block (7 Credit Hours)

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 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.*

- SCE 4360 - Science Instructional Analysis
Credit Hours: 4
- SCE 3940 - Internship **Credit Hours: 3**
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 Credit Hours)

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/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.

- SCE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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 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/>

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
- 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

- 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

Plan of Study (120 Credit Hours)

Science Education Chemistry 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**
- PSY 2012 - General Psychology **Credit Hours: 3**
Select one:
- 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 - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1)

Freshman Year - Summer (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- 3000/4000 level CHS or CHM Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**

Junior Year - Summer (7 Credit Hours)

- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3**

3000/4000 level elective approved by
advisor **Credit Hours: 4**

Senior Year - Fall (13 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 3940 - Internship **Credit Hours: 3**
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- SCE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Secondary Education, Science Education Chemistry – Lifelong Learning Track (B.S.)

College of Community Innovation and Education
School of Teacher Education
Education Building, Room: 209
<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Dr. Janet Andreasen, ED 123Q, 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 Program (GEP) (38 Credit Hours)

- Note: Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**

- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MAC 1114C - College Trigonometry **Credit Hours: 3** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required) ¹
- PHY 2053C - College Physics I **Credit Hours: 4** (Required) ¹

¹ A grade of "C-" (1.75) or better is required.

Common Program Prerequisites (CPP) (11 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**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**

- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2053C - College Physics I **Credit Hours: 4** GEP

Core Requirements: Basic Level (6 Credit Hours)

Education Track requires 3 semester hours

Lifelong Learning Track requires 6 semester hours

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.

Lifelong Learning Track (6 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
 - BSC 2010C - Biology I **Credit Hours: 4** GEP
 - MAC 1114C - College Trigonometry **Credit Hours: 3** GEP
- 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 (65 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (24 Credit Hours)

- 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**
- EDG 4410 - Teaching Strategies and Classroom Management **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 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
 - SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
 - EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3** ¹
- ¹Students 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 (41 Credit Hours)

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 48 or more hours of upper level courses to graduate.

- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3**
- BCH 4053 - Biochemistry I **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**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**

- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **Credit Hours: 3**
- CCJ 4651 - Drugs and Crime **Credit Hours: 3**
- CCJ 4670 - Women and Crime **Credit Hours: 3**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CJE 3444 - Crime Prevention **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **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**
- EXP 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2750 - The Event Industry **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 Via by LiveText 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 by LiveText requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livertext/>

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

- 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

Plan of Study

Science Education Chemistry Track (Lifelong Learning)

Freshman Year - Fall (12 Credit Hours)

- GEP B1 Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 1212 - General Psychology **Credit Hours: 3**
Select one:
- 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 - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2053C - College Physics I **Credit Hours: 4**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
Select one:
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **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: 4**

Junior Year - Spring (15 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- Other Specialization course **Credit Hours: 3**
- Other Specialization course **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Other Specialization course **Credit Hours: 3**
- Other Specialization course **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**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 4**

Senior Year - Spring (12 Credit Hours)

- Choose Specialization courses **Credit Hours: 3**
- Choose Specialization courses **Credit Hours: 3**
- Choose Specialization courses **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Secondary Education, Science Education Physics Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Education Track Contact: Dr. Su Gao, ED
115F, Su.Gao@ucf.edu, 407-823-4834

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://ccie.ucf.edu/teachered/secondaryed/science-education/>.

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 requirements are subject to change based on state mandates.

General Education Program (GEP) (38 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (7 Credit Hours)

¹ A grade of "C-" (1.75) or better is required.

² A grade of "C-" (1.75) or better is required.

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required) ¹

Select One: (3 Credit Hours)

- ANT 2511 - The Human Species **Credit Hours: 3** (Preferred) ²
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred) ¹

Common Program Prerequisites (CPP) (23 Credit Hours)

See "Common Prerequisites" in the Transfer and Transition 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**
- 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**

- 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**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Core Requirements: Basic Level (3 Credit Hours)

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** ¹
- ¹Prerequisite 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.

Core Requirements: Advanced Level (56 Credit Hours)

- A grade of "C" (1.75) or better is required.

Education Core Requirements (18 Credit Hours)

¹ Prerequisite to Internship I

- 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**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **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

Education Track Specialization Requirements (19 Credit Hours)

A grade of "C-" (1.75) or better is required.

¹Prerequisite to Internship I

²Strongly recommended prior to Internship I

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** ¹ GEP
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** ¹ GEP
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP) ¹
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP) ¹
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP) ¹
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP) ¹
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP) ¹
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP) ¹
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3** ²
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3** ²
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3** ²
- Elective: 3000 or 4000 level PHY or PHZ prefix **Credit Hours: 4**
Select one:
 - PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**
 - PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3**

Internship I Block (7 Credit Hours)

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 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.*

- SCE 3940 - Internship **Credit Hours: 3**¹
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**¹
¹Strongly 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 Credit Hours)

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.

- SCE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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 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 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/>

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
- 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

- 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

Plan of Study (120 Credit Hours)

Freshman Year - Fall (15 Credit Hours)

- GEP Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- GEP Cultural & Historical Foundation, Area 3 Elective (Prefer course from section Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- POS 2041 - American National Government **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 - Summer (7 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
Select one:
- ANT 2511 - The Human Species **Credit Hours: 3** or
- BSC 1005 - Biological Principles **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- PHY or PHZ 3000 or 4000 level elective **Credit Hours: 4**

Junior Year - Fall (12 Credit Hours)

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Junior Year - Summer (3 Credit Hours)

- SCE 4933 - Seminar on Secondary Science Education **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**
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 3940 - Internship **Credit Hours: 3**
Select one:
- PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3** or
- PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- SCE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Secondary Education, Science Education Physics – Lifelong Learning Track (B.S.)

General Education Program (GEP) (38 Credit Hours)

- Students are advised to take the preferred courses.

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)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (7 Credit Hours)

¹ A grade of "C-" (1.75) or better is required.

² A grade of "C-" (1.75) or better is required.

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required) ¹
Select One: (3 Credit Hours)
- ANT 2511 - The Human Species **Credit Hours: 3** (Preferred) ²
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred) ¹

Common Program Prerequisites (CPP) (23 Credit Hours)

See "Common Prerequisites" in the Transfer and Transition 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**
- 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**
- 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**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Core Requirements: Basic Level (6 Credit Hours)

Lifelong Learning Track (6 Credit Hours)

- EDG 2000 - Careers in K-12 Education **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 (53 Credit Hours)

- A grade of "C" (1.75) or better is required.

Education Core Requirements (24 Credit Hours)

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.

- 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**
- EDG 4410 - Teaching Strategies and Classroom Management **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 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3** ¹

Lifelong Learning Track Specialization Requirements (29 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, 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.

- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3**
- PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**

- EDG 4948 - Service Learning **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 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2750 - The Event Industry **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 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 Via by LiveText 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 by LiveText requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livetext/>

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

- 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

Plan of Study (120 Credit Hours)

Lifelong Learning Track

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- GEP B1 Elective **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- POS 2041 - American National Government **Credit Hours: 3**
- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**

Freshman Year - Summer (7 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
Select one:
- ANT 2511 - The Human Species **Credit Hours: 3** or
- BSC 1005 - Biological Principles **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**

Sophomore Year - Spring (15 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Choose Specialization courses **Credit Hours: 4**

Sophomore Year - Summer (3 Credit Hours)

Select one:

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** or
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Choose Lifelong Learning Specialization course **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**
- Choose Lifelong Learning Specialization course **Credit Hour: 3**
- Choose Lifelong Learning Specialization course **Credit Hour: 3**
- Choose Lifelong Learning Specialization course **Credit Hour: 4**

Senior Year - Spring (12 Credit Hours)

- Choose Lifelong Learning Specialization course **Credit Hour: 3**
- Choose Lifelong Learning Specialization course **Credit Hour: 3**
- Choose Lifelong Learning Specialization course **Credit Hour: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Secondary Education, Social Science Education - Lifelong Learning Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/lifelong-learning/>

Lifelong Learning Track Contact: Dr. Janet Andreasen, ED 123Q, 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 Program (GEP) (36 Credit Hours)

- Students are advised to take preferred courses.

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)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Required)
- EUH 2000 - Western Civilization I **Credit Hours: 3** (Required)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Prefer)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Prefer)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)

- PSY 1212 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

- GEO 1200 - Physical Geography **Credit Hours: 3** (Required)
Select one:
- PHY 2020 - Concepts of Physics **Credit Hours: 3** (Prefer) or
- AST 2002 - Astronomy **Credit Hours: 3** (Prefer)

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**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (GEP)
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3** (GEP)
- PSY 1212 - General Psychology **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (12 Credit Hours)

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 **Credit Hours: 3** (GEP)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (GEP)
- GEO 1200 - Physical Geography **Credit Hours: 3** (GEP)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **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 (66 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (24 credits)

- EDG 4410 - Teaching Strategies and Classroom Management **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**
- TSL 4080 - Theory and Practice of Teaching ESOL Students 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**
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**¹
¹Students 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 (42 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, SSE, TSL, RED). Substitutions are allowed with advisor approval.

A grade of "C-"(1.75) or better is required.

Must have a total of 48 or more hours of upper level courses to graduate.

- 3000/4000 level courses with prefix AFH, AMH, ASH, CPO, GEO, HUM, INR, LAH, POS or SSE
- SSE 4042 - Teaching Social Science as a Profession **Credit Hours: 3**
- SSE 4323 - Teaching Civics in Florida **Credit Hours: 3**
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3**
- SSE 4632 - Contemporary Social Science Education **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **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 3464 - Psychology of Aging **Credit Hours: 3**
- DEP 3202 - Psychology of Exceptional Children **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 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**

- HIM 3006 - Foundations of Health Information Management (HIM) **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2750 - The Event Industry **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 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
- 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

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

Plan of Study (120 Credit Hours)

Social Science Education Track – Lifelong Learning Track

Freshman Year - Fall (12 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- GEO 1200 - Physical Geography **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**
- POS 2041 - American National Government **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
Select one:
- PHY 2020 - Concepts of Physics **Credit Hours: 3** or
- AST 2002 - Astronomy **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- EUH 2000 - Western Civilization I **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**
Select 1:
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** or
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- Lifelong Learning specialization courses **Credit Hours: 3**
- Lifelong Learning specialization courses **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Lifelong Learning specialization course **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- 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**
- Lifelong Learning specialization course **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- 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, Social Science Education Track (B.S.)

College of Community Innovation and Education School of Teacher Education Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/secondaryed/social-science-education/>

Education Track Contact: Dr. Scott Waring, ED 206J,
Scott.Waring@ucf.edu, 407-823-1766

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://ccie.ucf.edu/teachered/secondaryed/social-science-education/>.

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 Program (GEP) (36 Credit Hours)

- Students are advised to take preferred courses.

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)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Required)
- EUH 2000 - Western Civilization I **Credit Hours: 3** (Required)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Prefer)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Prefer)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

- GEO 1200 - Physical Geography **Credit Hours: 3** (Required)
Select one:
- PHY 2020 - Concepts of Physics **Credit Hours: 3** (Prefer) or
- AST 2002 - Astronomy **Credit Hours: 3** (Prefer)

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**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (GEP)
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3** (GEP)
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (3 Credit Hours)

A grade of "C-" (1.75) or better is required.

¹ 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.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** ¹

Core Requirements: Advanced Level (75 Credit Hours)

- A grade of "C-" (1.75) or better is required.

Education Core Requirements (18 Credit Hours)

¹ Prerequisite to Internship I

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- 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**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3** ¹
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

Education Track Specialization Requirements (39 Credit Hours)

A grade of "C-" (1.75) or better is required.

- EUH 2000 - Western Civilization I **Credit Hours: 3** (GEP) ¹
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (GEP) ¹
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP) ¹
- POS 2041 - American National Government **Credit Hours: 3** (GEP) ¹
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (GEP) ¹
- GEO 1200 - Physical Geography **Credit Hours: 3** (GEP) ¹
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (CPP) ¹
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** ¹
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** ¹
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3** ²

- SSE 4042 - Teaching Social Science as a Profession **Credit Hours: 3** ²
- SSE 4632 - Contemporary Social Science Education **Credit Hours: 3** ²
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3** ²
- 3000/4000 level Elective (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor) **Credit Hours: 3**
- 3000/4000 level Elective (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor) **Credit Hours: 3**
- 3000/4000 level Elective (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor) **Credit Hours: 3**
- 3000/4000 level Elective (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor) **Credit Hours: 3**
- 3000/4000 level Elective (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor) **Credit Hours: 3**

¹ Prerequisite to Internship I

² Strongly recommended prior to Internship I

Internship I Block (6 Credit Hours)

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 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.*

- SSE 4361 - Social Science Instructional Analysis
Credit Hours: 3 ¹
- SSE 3940 - Internship **Credit Hours: 3**
¹ 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 Credit Hours)

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.

- SSE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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 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/>

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
- 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

- 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

Plan of Study (120 Credit Hours)

Social Science Education Track (6-12) Plan of Study

Freshman Year - Fall (12 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- GEO 1200 - Physical Geography **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**
- POS 2041 - American National Government **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Select One: (3 Credit Hours)

- PHY 2020 - Concepts of Physics **Credit Hours: 3**
- AST 2002 - Astronomy **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- EUH 2000 - Western Civilization I **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- SSE 4042 - Teaching Social Science as a Profession **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Upper Division Elective **Credit Hours: 3**
- SSE 4632 - Contemporary Social Science Education **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- SSE 3940 - Internship **Credit Hours: 3**
- SSE 4361 - Social Science Instructional Analysis **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**

Senior Year - Spring (12 Credit Hours)

- SSE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Teacher Education, Art Education Track (B.S.)

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209**

<https://ccie.ucf.edu/teachered/k-12/art-education/>

Education Track Contact: Dr. Debra McGann, 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://ccie.ucf.edu/teachered/k-12/art-education/>.

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
- 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), (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 Program (GEP) (36 Credit Hours)

Students are strongly advised to take the preferred courses.

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 and Historical Foundations (9 Credit Hours)

¹ A grade of "C-" (1.75) or better is required

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required) ¹

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- (Prefer) PSC 1121 - Physical Science **Credit Hours: 3**
- (Prefer) BSC 1005 - Biological Principles **Credit Hours: 3**

Common Program Prerequisites (CPP) (3 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**

Core Requirements: Advanced Level (87 Credit Hours)

- A grade of "C-"(1.75) or better is required.

Education Core Requirements (15 Credit Hours)

- A grade of "C-"(1.75) or better is required.
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**¹
- 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**

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**¹

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

¹ Prerequisite to Internship I

Education Track Specialization Requirements (57 Credit Hours)

NOTE: ARE 4453 is taken three (3) times: once in the Fall, once in the Spring, and once in the Summer.

- ARH 2050 - History of Western Art I **Credit Hours: 3**
¹ (GEP)
- ARH 2051 - History of Western Art II **Credit Hours: 3**¹
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**¹
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**¹
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**¹
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ART 2754C - Beginning Ceramics **Credit Hours: 3**
- ART 2500C - Beginning Painting **Credit Hours: 3**
- PGY 2401C - Beginning Photography **Credit Hours: 3**
- ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom **Credit Hours: 3**
- ARE 4351 - Teaching Art in the Elementary School **Credit Hours: 3**
- ARE 4352 - Teaching Art in the Secondary School **Credit Hours: 3**
- ARE 4250 - Art for Exceptionalities **Credit Hours: 3**
- ARE 4453 - Studio Experiences in Art Education **Credit Hours: 3** Taken 3 times for a total of **Credit Hours: 9**
- Any 3000 or 4000 level ART, ARE, ARH, GRA, PGY (with advisor's approval) **Credit Hours: 3**
- Any 3000 or 4000 level ART, ARE, ARH, GRA, PGY (with advisor's approval) **Credit Hours: 3**

- Any 3000 or 4000 level ART, ARE, ARH, GRA, PGY (with advisor's approval) **Credit Hours: 3**
¹ Prerequisite to Internship I

Internship I (3 Credit Hours)

- 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 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*
- ARE 3940 - Internship **Credit Hours: 3**

Internship II Block (12 Credit Hours)

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*

- ARE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

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 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/>

Education Track

- Pass all applicable sections of the Florida Teacher Certification Examination. 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
- 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: 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Plan of Study

Art Education Track (K-12)

Freshman Year - Fall (15 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- PGY 2401C - Beginning Photography **Credit Hours: 3**
- ART 2754C - Beginning Ceramics **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**

Sophomore Year - Summer (6 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- ART 2500C - Beginning Painting **Credit Hours: 3**
- ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom **Credit Hours: 3**
- ARE 4453 - Studio Experiences in Art Education **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- ARE 4250 - Art for Exceptionalities **Credit Hours: 3**
- ARE 4352 - Teaching Art in the Secondary School **Credit Hours: 3**

- ARE 4453 - Studio Experiences in Art Education **Credit Hours: 3**
- Restricted Elective (Any ARE/ARH/ART/GRA/PGY 3/4XXX w/ Advisor approval **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- ARE 4453 - Studio Experiences in Art Education **Credit Hours: 3**
- Restricted Elective (Any ARE/ARH/ART/GRA/PGY 3/4XXX w/ Advisor approval **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- ARE 4351 - Teaching Art in the Elementary School **Credit Hours: 3**
- ARE 3940 - Internship **Credit Hours: 3**
- Restricted Elective (Any ARE/ARH/ART/GRA/PGY 3/4XXX w/ Advisor approval **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**
- ARE 4941 - Internship **Credit Hours: 9**

Teacher Education, Art Education – Lifelong Learning Track (B.S.)

Teacher Education, Art Education - Lifelong Learning Track (B.S.)

Education Building, Room: 209

<https://ccie.ucf.edu/teachered/k-12/art-education/>

Lifelong Learning Track: Dr. Janet Andreasen, ED 123Q, 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 Program (GEP) (36 Credit Hours)

Students are strongly advised to take the preferred courses.

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 and Historical Foundations (9 Credit Hours)

¹ A grade of "C-" (1.75) or better is required

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required)¹
Select One:
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (3 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**

Core Requirements: Basic Level (18 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **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.

Education Core Requirements (21 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **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**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**

- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3** ¹
¹Students 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 (48 Credit Hours)

- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2754C - Beginning Ceramics **Credit Hours: 3**
- ART 2500C - Beginning Painting **Credit Hours: 3**
- PGY 2401C - Beginning Photography **Credit Hours: 3**
- ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom **Credit Hours: 3**
- ARE 4351 - Teaching Art in the Elementary School **Credit Hours: 3**
- ARE 4250 - Art for Exceptionalities **Credit Hours: 3**
- ARE 4352 - Teaching Art in the Secondary School **Credit Hours: 3**
- ARE 4453 - Studio Experiences in Art Education **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **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**
- 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: 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 LiveText 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 by LiveText requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livertext/>

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: 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Plan of Study

Art Education – Lifelong Learning Track

Freshman Year - Fall (15 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- THE 2050 - Theatre Studies in Creative Drama **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- ART 2201C - Honors Design Fundamentals-Two Dimensional **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GRA 2101C - Honors Introduction to Computer Art **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **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**
Select one:
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** or
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

- Choose a 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**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**
- Choose a Lifelong Learning Specialization course **Credit Hours: 3**

Teacher Education, Physical Education - Lifelong Learning Track (B.S.)

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209**

<https://ccie.ucf.edu/teachered/lifelong-learning/>

Lifelong Learning Track Contact: Dr. Janet Andreasen,
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.

UCF General Education Program (GEP) (37 hrs)

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** (Prefer)

Cultural & Historical Foundations (9 Credit Hours)

- General Education Program course from section B1 chosen to meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from GEP section B1 **Credit Hours: 3**
Select one:
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Prefer) or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Prefer) or
- THE 2000 - Theatre Survey **Credit Hours: 3** (Prefer)

Mathematical Foundations (6 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Prefer)
Select one:
- MAC 1105C - College Algebra **Credit Hours: 3** or (Prefer)
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Prefer)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Prefer)
- PSY 2012 - General Psychology **Credit Hours: 3** (Prefer)

Science Foundations (7 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Prefer)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (3 Credit Hours)

- A grade of "C-" (1.75) or better is required.
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (16 Credit Hours)

A grade of "C-" (1.75) or better is required.

- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
Select one:
- PEO 2011 - Team Sports **Credit Hours: 3** or
- PEO 2031 - Individual Sports **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**

Core Requirements: Advanced Level (64 Credit Hours)

Education Core Requirements (24 Credit Hours)

A grade of "C-" (1.75) or better is required.

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- PET 4710 - Methods for Physical Activity for Children and Adolescents **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- APK 4110C - Advanced Exercise Physiology **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 (40 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, PET, TSL, RED). Substitutions are allowed with advisor approval.
- A grade of "C-" (1.75) or better is required.
- Must have a total of 48 or more hours of upper level courses to graduate.
- DAE 3370 - Dance and Rhythmics **Credit Hours: 3**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- PEM 2134C - Adventure Recreation **Credit Hours: 2**
- PEO 3041 - Games Analysis **Credit Hours: 3**
- PET 3765 - Coaching Theory **Credit Hours: 3**

- PET 3768 - Group Exercise Instruction **Credit Hours: 3**
- PET 3820 - Teaching Sports Skills I **Credit Hours: 3**
- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- PET 4401 - Administration and Evaluation in Sport and Fitness **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**
- PET 4552 - Exercise Prescription for Special Populations **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **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 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- EXP 3604 - Cognitive 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**

Additional Information

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.oas.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
- 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 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

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 2014C - 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**
- APK 4110C - Advanced Exercise Physiology **Credit Hours: 3**
- Lifelong learning specialization course **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- EDG 4942 - Lifelong Learning Education Internship **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)

Teacher Education, Physical Education Track (B.S.)

**College of Community Innovation and Education
School of Teacher Education**

Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/k-12/physical-education/>

Education Track Contact: Patty Lanier, ED 123B,
pattylanier@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://ccie.ucf.edu/teachered/k-12/physical-education/>.

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 Program (GEP) (37 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 and Historical Foundations (9 Credit Hours)

- General Education Program course from section Cultural & Historical Foundation, Area 1 chosen to meet Gordon Rule requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from GEP section Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred) or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred) or
- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (preferred)

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred) or
- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (7 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (3 Credit Hours)

A grade of "C-"(1.75) or better is required.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (17 Credit Hours)

A grade of "C-"(1.75) or better is required.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- PEO 2011 - Team Sports **Credit Hours: 3**
- PEO 2031 - Individual Sports **Credit Hours: 3**
- Elective **Credit Hours: 4**

Core Requirements: Advanced Level (60 Credit Hours)

A grade of "C-"(1.75) or better is required.

Education Core Requirements (12 Credit Hours)

¹ Required prior to Internship I

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3** ¹
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

Specialization Requirements (30 Credit Hours)

A grade of "C-"(1.75) or better is required.

- DAE 3370 - Dance and Rhythmics **Credit Hours: 3**
- PEO 3041 - Games Analysis **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- APK 4110C - Advanced Exercise Physiology **Credit Hours: 3**
- PET 4401 - Administration and Evaluation in Sport and Fitness **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**
- PET 4552 - Exercise Prescription for Special Populations **Credit Hours: 3**

- PET 3820 - Teaching Sports Skills I **Credit Hours: 3**
- PET 3765 - Coaching Theory **Credit Hours: 3**
- Elective **Credit Hours: 3**

Internship I Block: (6 Credit Hours)

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.*

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

Internship II Block: (12 Credit Hours)

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.

- ESE 4943 - Internship II - Secondary **Credit hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **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
- 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
- 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

- 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

Plan of Study (120 hrs)

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 2014C - 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 1012 - 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**
- APK 4110C - Advanced Exercise Physiology **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** ¹
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

¹Required 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**
- PET 4552 - Exercise Prescription for Special Populations **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 Sport and Fitness **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- 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 of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/lifelong-learning/>

Lifelong Learning Track Contact: Dr. Janet Andreasen, ED 123Q, 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 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 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
- The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test.

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 Program (GEP) (36 Credit Hours)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (3 Credit Hours)

- A grade of "C-" (1.75) or better is required.
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (6 Credit Hours)

- Students should consult advisor regarding course options.
- A grade of "C-" (1.75) or better is required.
- EDG 2000 - Careers in K-12 Education **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**

Core Requirements: Advanced Level (75 Credit Hours)

Education Core Requirements (21 Credit Hours)

- A grade of "C-" (1.75) or better is required.
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Lifelong Learning Track Specialization (54 Credit Hours)

- 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 48 or more hours of upper level courses to graduate.

- 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**
- SPN 3344 - Advanced Spanish Native Fluency I **Credit Hours: 3**
- SPN 3345 - Advanced Spanish Native Fluency II **Credit Hours: 3**
- SPN 3760 - Advanced Spanish Oral Communication **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPN 4421 - Advanced Spanish Composition **Credit Hours: 3**
- SPN 4510 - Spanish Civilization and Culture **Credit Hours: 3**
- SPN 4520 - Latin American Civilization and Culture **Credit Hours: 3**
- SPN 4800 - The Syntax of Spanish **Credit Hours: 3**
- SPN 4801 - Spanish Morphology **Credit Hours: 3**
- SPN 4852 - Bilinguismo **Credit Hours: 3**
- SPW 3100 - Survey of Spanish Literature I **Credit Hours: 3**
- SPW 3101 - Survey of Spanish Literature II **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**
- FRE 2201 - Intermediate French Language and Civilization II **Credit Hours: 3**
- FRW 3100 - Survey of French Literature I **Credit Hours: 3**
- FRW 3101 - Survey of French Literature 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**
- FRE 3780 - French Phonetics and Diction **Credit Hours: 3**
- FRE 4421 - Advanced French Conversation **Credit Hours: 3**
- FRE 4422 - Advanced French Composition **Credit Hours: 3**
- FRE 4500 - French Civilization and Culture **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **Credit Hours: 3**
- FLE 4340 - Teaching World Languages in K-12 Schools **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- TSL 4520 - ESOL Cultural Diversity **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**
- TSL 4943 - L2 Academic Language Instruction **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**
- COM 3311 - Communication Research Methods **Credit Hours: 3**
- COM 4461 - Intercultural Communication **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**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- EXP 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **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 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 3301 - Interpersonal Communication **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

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 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 by LiveText requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

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 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 (120 Credit Hours)

Recommended Four Year Sequence of Courses

Freshman Year - Fall (12 Credit Hours)

- GEP B1 Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- PSY 1212 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

- POS 2041 - American National Government **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

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**

Sophomore Year - Fall (12 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
 - SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
 - STA 2014C - Principles of Statistics **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**

Sophomore Year - Spring (12 Credit Hours)

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Junior Year - Summer (9 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- Choose Specialization course **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Teacher Education, World Languages Education Track (B.S.)

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209

<https://ccie.ucf.edu/teachered/k-12/world-languages-education/>

**Education Track: Dr. Michele Regalla, ED 122A,
michele.regalla@ucf.edu, 407-823-0074**

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://ccie.ucf.edu/teachered/k-12/world-languages-education/>.

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 (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 Program (GEP) (36 Credit Hours)

- Students are advised to take the preferred courses.

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 and Historical Foundations (9 Credit Hours)

- General Education Program course from Section B1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program course: Prefer a second course from Section B1 to meet Gordon Rule Requirement **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred) or
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred) or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (6 Credit Hours)

- PSC 1121 - Physical Science **Credit Hours: 3** (Preferred)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Preferred)

Common Program Prerequisites (CPP) (3 Credit Hours)

A grade of "C-"(1.75) or better is required.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**

Core Requirements: Basic Level (3 Credit Hours)

A grade of "C-"(1.75) or better is required.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**¹
¹ Pre-requisite 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.

Core Requirements: Advanced Level (48 Credit Hours)

- A grade of "C-"(1.75) or better is required.

Education Core Requirements (18 Credit Hours)

¹ Pre-requisite for Internship I

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**¹
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**¹
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**

Education Track Specialization Requirements (15 Credit Hours)

A grade of "C-"(1.75) or better is required.

- FLE 4340 - Teaching World Languages in K-12 Schools **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- TSL 4520 - ESOL Cultural Diversity **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**
- TSL 4943 - L2 Academic Language Instruction **Credit Hours: 3**

Internship I (3 Credit Hours)

- 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 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.*
- FLE 3940 - Internship **Credit Hours: 3**

Internship II Block (12 Credit Hours)

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/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.

- FLE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Restricted Electives

World Languages Specializations (30 Credit Hours)

- Select Spanish Specialization or French Specialization
- A grade of "C-"(1.75) or better is required.

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**
- ²SPW 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.

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 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/>
- 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
- 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

- 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

Plan of Study

- Recommended Four Year Sequence of Courses

Freshman Year - Fall (12 Credit Hours)

- GEP 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)

- GEP Cultural & Historical Foundation, Area 3 Elective (Prefer course from section Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- World Languages Specialization course **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**

Sophomore Year - Fall (15 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- World Languages Specialization course - **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- BSC 1005 - Biological Principles **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- World Languages Specialization course **Credit Hours: 3**
- TSL 4520 - ESOL Cultural Diversity **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**
- FLE 4340 - Teaching World Languages in K-12 Schools **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**
- World Languages Specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- TSL 4943 - L2 Academic Language Instruction **Credit Hours: 3**
- World Languages Specialization course **Credit Hours: 3**
- FLE 3940 - Internship **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- FLE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Minor

Art Education Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: ED 122C
<https://ccie.ucf.edu/teachered/k-12/art-education/>

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

Required Courses

Credit Hour Requirement (18 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- ARE 4351 - Teaching Art in the Elementary School **Credit Hours: 3**
- ARE 4352 - Teaching Art in the Secondary School **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Early Childhood Development and Education Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/early-childhood-education/>
PreviewEmail: ece@ucf.edu

Contact: Dr. Judy Levin, ED 122L, Judith.Levin@ucf.edu
Phone: 407-823-4615

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

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

Total Undergraduate Credit Hours
Required: 21

Other Requirements

- None

Education Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/>

Contact: Michael McManus, ED 220 B,
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

Required Courses (15 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **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 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select one:

- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3**
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3**
- LAE 4342 - Programs in Teaching Language and Composition **Credit Hours: 3**
- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- PET 4710 - Methods for Physical Activity for Children and Adolescents **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 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.

English Language Arts Education Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 223N
<https://ccie.ucf.edu/teachered/secondaryed/english-language-arts-education/>

Contact: Dr. Elsie Olan, Elsie.Olan@ucf.edu, 407-823-5179

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

Required Courses (18 Credit Hours)

A C- or better is required in these courses

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Select Three: (9 Credit Hours)

- LAE 4342 - Programs in Teaching Language and Composition **Credit Hours: 3**
- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**
- LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School **Credit Hours: 3**
- LAE 4360 - English Instructional Analysis **Credit Hours: 3**
- LAE 4466 - Canon, Young Adult Literature and the English Language Arts Curriculum **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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 Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 315
<https://ccie.ucf.edu/teachered/exceptional-student-education/>

Contact: 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

Required Courses (12 Credit Hours)

- EEX 4601 - Introduction to Behavior Management
Credit Hours: 3
- EEX 4763 - Technology for Classroom Teachers of Students with Special Needs **Credit Hours: 3**
- EEX 3221 - Assessment of Exceptional Students **Credit Hours: 3**
- EEX 4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Choose Early Childhood Restricted Electives OR Elementary Restricted Electives OR Secondary Restricted Electives

Early Childhood Restricted Electives

- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3**

Elementary Restricted Electives

- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3**

Secondary Restricted Electives

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- EEX 3243 - Techniques for Exceptional Adolescents-Adults **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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.

Mathematics Education Minor

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 123H**
<https://ccie.ucf.edu/teachered/secondaryed/math-education/>

Contact: Dr. Erhan Haciomeroglu,
Erhan.Haciomeroglu@ucf.edu, 407-823-4336

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

Required Courses (18 Credit Hours)

A C- or better is required in these courses

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

Select Two: (6 Credit Hours)

Select two of the following courses:

- MAE 4360 - Mathematics Instructional Analysis **Credit Hours: 4**
- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3**
- MAE 3366 - Middle and High School Mathematics for Teaching **Credit Hours: 3**
- MAE 4333 - Teaching Geometry in the Secondary Schools **Credit Hours: 3**
- MAE 4339 - Teaching Algebra in Secondary Schools **Credit Hours: 3**

- MAE 4383 - Teaching Secondary Mathematics with Technology **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

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.

Physical Education Minor

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 123B**
<https://ccie.ucf.edu/teachered/k-12/physical-education/>

Contact: Ms. Patty Lanier, ED 123B, pattylanier@ucf.edu, 407-823-6759

Contact: Dr. Janet Andreasen, ED 123Q, 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

Required Courses (18 credits)

A C- or better is required in each course.

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- PET 4710 - Methods for Physical Activity for Children and Adolescents **Credit Hours: 3**
- PET 3820 - Teaching Sports Skills I **Credit Hours: 3**
Choose one of the following:
- PEO 3041 - Games Analysis **Credit Hours: 3**
- DAE 3370 - Dance and Rhythmics **Credit Hours: 3**
- PET 4401 - Administration and Evaluation in Sport and Fitness **Credit Hours: 3**

Total Undergraduate Credit Hours
Required: 18 Hrs

Science Education Minor

**College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 322**
<https://ccie.ucf.edu/teachered/secondaryed/science-education/>

Contact: Dr. Malcolm Butler, malcolm.butler@ucf.edu,
407-823-3272

Contact: Dr. Janet Andreasen, ED 123Q,
Janet.Andreasen@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

Required Courses (18 Credit Hours)

A C- or better is required in these courses

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
Choose 2 of the following:
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- SCE 4633 - Secondary Science Curriculum **Credit Hours: 3**
- SCE 4933 - Seminar on Secondary Science Education **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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

Social Science Education Minor

College of Community Innovation and Education

School of Teacher Education,

Education Complex, Room: 206J

<https://ccie.ucf.edu/teachered/secondaryed/social-science-education/>

Contact: Dr. Scott Waring, Scott.Waring@ucf.edu, 407-823-1776

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

Required Courses (18 Credit Hours)

A C- or better is required in these courses

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
Choose two (2) of the following courses:
- SSE 4042 - Teaching Social Science as a Profession **Credit Hours: 3**
- SSE 4323 - Teaching Civics in Florida **Credit Hours: 3**
- SSE 4361 - Social Science Instructional Analysis **Credit Hours: 3**
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3**
- SSE 4632 - Contemporary Social Science Education **Credit Hours: 3**
- SSE 4936 - Programs in Teaching Social Science **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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

World Languages Education, English for Speakers of Other Languages (ESOL) Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: ED 209
<https://ccie.ucf.edu/teachered/k-12/world-languages-education/>

Contact: 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

Required Courses (18 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- TSL 4943 - L2 Academic Language Instruction **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**

Select One: (3 Credit Hours)

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- TSL 4945 - ESOL Clinical Experience **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

World Languages Education, Languages

Other Than English (LOTE) Minor

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 220L
<https://ccie.ucf.edu/teachered/k-12/world-languages-education/>

Contact: Dr. Michele Regalla, michele.regalla@ucf.edu,
407-823-0074

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

Required Courses (18 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- TSL 4520 - ESOL Cultural Diversity **Credit Hours: 3**
- TSL 4943 - L2 Academic Language Instruction **Credit Hours: 3**
- FLE 4340 - Teaching World Languages in K-12 Schools **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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

Certificate

Substitute Teaching Certificate

College of Community Innovation and Education
School of Teacher Education,
Education Complex, Room: 209
<https://ccie.ucf.edu/teachered/secondaryed/substitute-teaching/>

Contact: 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

Required Courses (9 Credit Hours)

- EDF 2007 - Introduction to Substitute Teaching **Credit Hours: 3**
- EDF 2250 - Classroom Management for Substitute Teachers **Credit Hours: 3**
- EDG 2311 - Teaching Strategies for Substitute Teachers **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 9

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.

College of Engineering and Computer Science

Dean: Michael Georgiopoulos
HEC 114; 407-823-2156
<http://www.cecs.ucf.edu>

Associate Dean for Academic Affairs: Charles Reilly
ENG1 107; 407-823-2455

Associate Dean for Graduate Affairs: Ali Gordon
ENG1 107; 407-823-2455

Associate Dean for Research and Administration:
Ranganathan Kumar; ENG2 202; 407-823-2156

Director, Academic Affairs: Kim A. Small
ENG1 107; 407-823-2455

Director, College Honors Programs: Charles Reilly
ENG1 107; 407-823-2455

Interim Director, Diversity and Inclusion: LeeAnn Roberts
ENG1 281; 407-823-3466

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 undergraduate engineering 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, www.abet.org. The undergraduate Computer Science and Information Technology programs are accredited by the Computing Accreditation Commission of ABET, 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 in the Major Program (HIM).

The Honors in the Major Program

The College of Engineering and Computer Science Honors in the Major 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 in the Major program is the opportunity to undertake independent research as an undergraduate under the guidance of a faculty member in his/her major. The Honors in the Major represents a total of six credit hours of work. These credit hours are acceptable as technical electives by all programs. These six credit hours consist of an Honors in the Major Seminar titled Research Methods in Engineering (EGN 4931H) (three credit hours), plus three credit hours of Undergraduate Honors Thesis (EGN 4970H).

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 in the Major 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 GPA of at least 3.20 in all upper division courses.
3. A minimum GPA of 3.50 or more in the Engineering option courses.
4. A recommendation by a sponsoring faculty member. Exceptions to the eligibility criteria may be made by the College Honors Committee in individual cases, upon recommendation by a sponsoring faculty member.

To successfully complete the HIM program and receive said designation, the student must successfully defend the thesis and graduate with a minimum 3.5 GPA in the option courses and 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 in the Major Program must be obtained from the Office of Research and Civic Engagement in the Burnett Honors College. Students in the College of Engineering and Computer Science must consult Dr. Charles Reilly, Engineering 1, Room 107. For more information about The Burnett Honors College programs, please visit their homepage at <https://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 <http://www.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:
<http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the College of Engineering and Computer Science are listed below.

Minor

Bioengineering Minor

**College of Engineering and Computer Science
Engineering, Room: 107**
<http://www.cecs.ucf.edu/minors/bioengineering>

Dr. Alain Kassab, Engineering Track,
alain.kassab@ucf.edu, 407-823-5778
Dr. Gary Leavens, Computer Science Track,
leavens@cs.ucf.edu, 407-823-4758

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 and 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

Required Courses (32 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- EGN 4941 - Internship **Credit Hour: 1**

Select One: (3 Credit Hours)

- BSC 2011C - Biology II **Credit Hours: 4**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4024 - Medical Biochemistry **Credit Hours: 4**

Restricted Electives (6 Credit Hours)

- Students will select either the Engineering Track or Computer Science Track to define their elective choices.

Engineering Track: (6 Credit Hours)

Select One: (3 Credit Hours)

- EMA 5584 - Biomaterials **Credit Hours: 3**
- BME 5267 - Biofluid Mechanics **Credit Hours: 3**
- EEE 5272 - Biomedical Sensors **Credit Hours: 3**
- EES 4111C - Biological Process Control **Credit Hours: 4**
- EIN 5248 - Ergonomics **Credit Hours: 3**
- BME 3211 - Engineering Biomechanics **Credit Hours: 3**
- BME 6268C - Applied and Computational Biofluids **Credit Hours: 3**

Select One: (3 Credit Hours)

- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- BSC 5418 - Tissue Engineering **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- ZOO 3744 - Neurobiology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- BCH 4024 - Medical Biochemistry **Credit Hours: 4**

Computer Science Track (6 Credit Hours)

Select One: (3 Credit Hours)

- CAP 5512 - Evolutionary Computation **Credit Hours: 3**

- COT 6417 - Algorithms on Strings and Sequences **Credit Hours: 3**

Select One: (3 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- BSC 5418 - Tissue Engineering **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- ZOO 3744 - Neurobiology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- BCH 4024 - Medical Biochemistry **Credit Hours: 4**

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.

Engineering Leadership Minor

College of Engineering and Computer Science

Dr. Timothy Kotnour, Timothy.Kotnour@ucf.edu, 407-823-5645

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

Required Courses (10 Credit Hours)

Discipline specific design course in engineering or Computer Science or CAP 4102 in the case of Information Technology majors.

- LDR 2001 - Foundations of Leadership **Credit Hours: 2**
- LDR 2002 - Intermediate Foundations of Leadership **Credit Hours: 2**
- EGS 3030 - Leadership in Engineering I **Credit Hours: 0**
- EGS 3031 - Leadership in Engineering II **Credit Hours: 0**
- EGS 4950 - Engineering Leadership Capstone **Credit Hours: 3**
- Discipline specific design course in engineering or Computer Science **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**

- MAR 3391 - Professional Selling **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3** or
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- ENT 4183 - Technological Entrepreneurship **Credit Hours: 3** or
- EGN 4641C - Engineering Entrepreneurship **Credit Hours: 3**

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.

Intelligent Robotic Systems (IRS), Interdisciplinary Minor

College of Engineering and Computer Science
Engineering, Room: 107
<http://www.cecs.ucf.edu>

Kim Small, Kim.Small@ucf.edu, 407-823-2455

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses (3 Credit Hours)

Select One: (3 Credit Hours)

A high-level programming language class (like the following or its equivalent) is required for the minor.

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Required Courses (6 Credit Hours)

- EGN 4060C - Introduction to Robotics **Credit Hours: 3**
- EEL 4660 - Robotic Systems **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select Four: (12 Credit Hours)

Note: Courses with equivalent content cannot both be counted toward the electives.

- 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**
- COP 3503C - Computer Science II **Credit Hours: 3**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**
- EEL 4612C - Introduction to Modern and Robust Control **Credit Hours: 4**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4818H - Honors Current Topics in Machine Learning I **Credit Hours: 3**
- EEL 4872 - Engineering Applications of Intelligent Systems **Credit Hours: 3**

- EEL 5669 - Introduction to Robotics and Autonomous Vehicles **Credit Hours: 3**
- EEL 5173 - Linear Systems Theory **Credit Hours: 3**
- EEL 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**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EML 3262 - Kinematics of Mechanisms **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 4313 - Intermediate System Dynamics and Controls **Credit Hours: 3**
- EML 4264 - Vehicle Dynamics **Credit Hours: 3**
- EML 4804C - Digital Control in Mechatronics **Credit Hours: 3**
- EML 5311 - System Control **Credit Hours: 3**
- EML 5290 - Introduction to MEMS and Micromachining **Credit Hours: 3**

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 of Engineering and Computer Science
Engineering, Room: 107
<http://www.cecs.ucf.edu>

Dr. Waldemar Karwowski
CECS Academic Affairs Office, 407-823-2455

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.

Required Courses (18 Credit Hours)

The International minor in Engineering or Computer Science is composed of three parts:

Language Skill Acquisition (6 Credit Hours)

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):

- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ASH 4404 - Modern China **Credit Hours: 3**
- ASH 4442 - Modern Japan **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3103 - Comparative Politics **Credit Hours: 3**

- CPO 3104 - Politics of Western Europe **Credit Hours: 3**
- CPO 4101 - Politics of the European Union **Credit Hours: 3**
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3**
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3**
- GEO 3471 - World Political Geography **Credit Hours: 3**
- REL 3333 - Hinduism **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**
- IDS 3333 - World Comparative Studies **Credit Hours: 3**
- INR 4035 - International Political Economy **Credit Hours: 3**
- INR 4102 - American Foreign Policy **Credit Hours: 3**
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3**
- INR 4243 - International Politics of Latin America **Credit Hours: 3**
- INR 4401 - International Law **Credit Hours: 3**

Cultural Coursework (3 Credit Hours)

- 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:
- 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
- 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 Credit Hours)

- 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.

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.

Certificate

Engineering Leadership Certificate

College of Engineering and Computer Science

Dr. Timothy Kotnour, Timothy.Kotnour@ucf.edu,
407-823-5645

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

Required Courses (12 Credit Hours)

- Discipline specific design course in engineering or Computer Science or CAP 4102 in the case of Information Technology majors. **Credit Hours: 3**
- EGS 3030 - Leadership in Engineering I **Credit Hours: 0**
- EGS 3031 - Leadership in Engineering II **Credit Hours: 0**
- EGS 4950 - Engineering Leadership Capstone **Credit Hours: 3**

Pick two of the following courses (6 Credit Hours)

- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- MAR 3391 - Professional Selling **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3**

- ENT 4183 - Technological Entrepreneurship **Credit Hours: 3**
or
- EGN 4641C - Engineering Entrepreneurship **Credit Hours: 3**

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.

Department of Civil, Environmental, and Construction Engineering

Chair: Mohamed Abdel-Aty
ENG2 211; 407-823-2841
<http://www.cece.ucf.edu>

Faculty: Abdel-Aty, Abou-Senna, Agarwal, Al-Deek, Apostolakis, Arboleda, Catbas, Chang, Chopra, Duranceau, Eluru, Filler, Garber, Guo, Hasan, Kibler, J. Lee, W. Lee, Mackie, Makris, Mayo, Medeiros, Nam, Nnadi, Oloufa, Randall, Reinhart, Sadmani, Singh, Tatari, Wahl, Wang, Yu, Yun, Zaki, Zaurin

The Civil, Environmental, and Construction Engineering Department (CECE) offers baccalaureate degrees in Civil Engineering (BSCE), Environmental Engineering (BSEnvE), and Construction Engineering (BSConE).

The Civil Engineering Program

The Civil Engineering major is concerned primarily with fundamental civil engineering design and analysis in such areas as structures, geotechnical engineering, sanitary engineering, water resources, and transportation engineering. Civil Engineering students are required to take a Project Design and Capstone Course, which synthesize various pre-requisite course offerings into a design project. These projects are usually "open-ended" and duplicate real world engineering problems. The students typically work in small design team groups. The prerequisites needed for the various project courses vary.

Mission

The Civil Engineering Program Faculty strive to create a high quality learning experience for our students. The principal goals include:

1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.
2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Civil Engineering graduate education and research.

Program Educational Objectives

Within the first several years following graduation, graduates should:

- Be successfully employed or employable in civil engineering practice in areas such as structural, geotechnical, transportation, construction, water resources, or related fields and/or be continuing their studies at the graduate level.
- Show a commitment to ethical practice and professional development by extending their knowledge through continuing education and self-directed life-long learning, professional licensure, and service to the profession and society.

Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. An ability to communicate effectively with a range of audiences.
4. 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. 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. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

The Environmental Engineering Program

The Environmental Engineering major is concerned primarily with the interactions with humans and their environment and the planning, design, and control of systems for environmental quality management for water, land, and air environments.

Environmental Engineering students are required to take a Project Design and Capstone Course which synthesize various pre-requisite course offerings into a design project. These projects are usually "open-ended" and duplicate real world engineering problems. The students typically work in small design team groups. The pre-requisites needed for the various project courses vary.

Mission

The Environmental Engineering Program Faculty strive to create a high quality learning experience for our students. The principal goals include:

1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.

2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Environmental Engineering graduate education and research.

Program Educational Objectives

Within the first several years following graduation, graduates should:

- Be successfully employed or employable in environmental engineering practice in areas such as solid waste, air pollution, water and wastewater treatment, water resources, or related fields and/or be continuing their studies at the graduate level.
- Show a commitment to ethical practice and professional development by extending their knowledge through continuing education and self-directed life-long learning, professional licensure, and service to the profession and society.

Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. An ability to communicate effectively with a range of audiences.
4. 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. 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. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

8. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

The Construction Engineering Program

The Construction Engineering major is concerned with preparing students for the engineering management of construction projects by developing skills for the selection of construction methods and processes, construction project planning and control, and resource management. Construction Engineering students are required to take a Project Design and Capstone Course which synthesize various prerequisite course offerings into a design project. These projects are usually "open-ended" and duplicate real world engineering problems. The students typically work in small design team groups. The prerequisites needed for the various project courses vary.

Mission

The Construction Engineering Program Faculty strives to create a high quality learning experience for our students. The principal goals include:

1. Provide a broad engineering education to our graduates that will prepare them for both current and future professional challenges.
2. Promote a commitment to continued scholarship and service among our graduates.
3. Foster a spirit of innovation so that our graduates are positioned to take advantage of new technology in our profession.
4. Promote an environment that is inclusive and diverse.
5. To attain prominence in key areas of Construction Engineering graduate education and research.

Program Educational Objectives

Within the first several years following graduation, graduates should:

- Be successfully employed or employable in construction engineering practice in areas such as estimating, scheduling, program development, and construction project management, or related fields and/or be continuing their studies at the graduate level.
- Show a commitment to ethical practice and professional development by extending their knowledge through continuing education and self-directed life-long learning, professional

licensure, and service to the profession and society.

Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. An ability to communicate effectively with a range of audiences.
4. 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. 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. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

The mission statement and objectives for the Civil Engineering, Environmental Engineering, and Construction Engineering programs are electronically posted and routinely updated. More information on the Civil, Environmental, and Construction Engineering programs can be found on the CECE Department home page at <http://www.cece.ucf.edu>.

Department Policy for Double Degree in Civil, Environmental, and Construction Engineering

The faculty of the Civil, Environmental, and Construction Engineering Department believe that a double degree from the department should reflect a significant achievement and a significant increase in knowledge and formal coursework above the requirements for a single degree. Any undergraduate in Civil, Environmental, or Construction Engineering desiring to obtain a double degree shall meet the following requirements:

- The student shall meet all individual requirements for each degree.
- The coursework must include two different discipline-specific design courses, one from each program, plus the capstone design course.
- Completion of requirements for both degrees must be in the same semester.
- The same catalog year must be used for both degrees.
- The student must have a minimum of 150 credit hours.

Additional notes:

- The extra hours represent at least one additional semester of full time enrollment.
- All majors completed will be indicated on the student's transcript.

Civil Engineering Major Pursuing Environmental Engineering Additional Degree

Students will need to complete a minimum of 150 credit hours, including all requirements for the Bachelor of Science Civil Engineering degree, as well as: biological science (3hrs), CHM 2046C (3hrs), CHM 2046L (1hr), ENV 4120 (3hrs), ENV 4341 (3hrs), EES 4202C (4hrs), EES 4111C (4hrs), and ENV 4562C or ENV 4122C or ENV 4433C (3hrs). Students will have completed an earth science as part of the GEP requirements and CHM 2045C, EGN 3343, CWR 4120 or CWR 4124, ENV 4531, and ENV 4561 as part of Civil Engineering requirements.

Civil Engineering Major Pursuing Construction Engineering Additional Degree

Students will need to complete a minimum of 150 credit hours including all requirements for the Bachelor of Science in Civil Engineering degree, as well as: CCE 4004 (3hrs), CCE 4034 (3hrs), CCE 4402 (3hrs), CCE 4810C (3hrs), CCE 4813 (4hrs), and ACG 2071 (3hrs). Any other courses used to satisfy requirements for the Bachelor of Science in Construction Engineering must be approved in advance by the CECE Department.

Environmental Engineering Major Pursuing Civil Engineering Additional Degree

Students will need to complete a minimum of 150 credit hours, including all requirements for the Bachelor of Science in Environmental Engineering degree, as well as: CGN 3405 (3hrs), CGN 3501C (3hrs), CGN 3700C (2hrs), TTE 3810 (3hrs), CES 4100C (4hrs), depth area electives as per Civil Engineering degree requirements (6hrs), and CES 4743C or CEG 4801C or CWR 4812C or TTE 4601C (3hrs). Students will have completed EGN 3343, CWR

4120 or CWR 4124, ENV 4531, and ENV 4561 as part of the Environmental Engineering requirements.

Major

Civil Engineering (B.S.C.E.)

College of Engineering and Computer Science
Department of Civil, Environmental, and Construction
Engineering, Engineering II, Room: 211
<http://www.cece.ucf.edu>

Lorrenza Vandiver, Lorrenza.Vandiver@ucf.edu
Dr. Kevin Mackie, Kevin.Mackie@ucf.edu
Phone: 407-823-2841

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 and 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 and 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 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 Systems 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 course 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 one class from Social Foundation Area 1 **Credit Hours: 3**
- Select one class from Social Foundation Area 2 **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:

- EVR 1001 - Introduction to Environmental Science **Credit Hours: 3**
- 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**

Select one of the following sequences of courses:

Preferred course

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**

or - First alternative: Select all of the following:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**

- and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

or - Second alternative

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (2 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- Basic Science **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (60 Credit Hours)

¹ A "C" (2.0) or better is required in this course.

- 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 3613 - Engineering Economic Analysis **Credit Hours: 2**¹
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)¹
- CGN 3700C - Civil Engineering Measurements **Credit Hours: 2**
- CGN 3501C - Civil Engineering Materials **Credit Hours: 3**
- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- CES 4100C - Structural Analysis I and Lab **Credit Hours: 4**
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3**¹

- TTE 3810 - Highway Engineering **Credit Hours: 3**
- CGN 3405 - Applied Numerical Methods for Civil Engineering **Credit Hours: 3**¹
- CWR 4202C - Hydraulics **Credit Hours: 3**

Civil Engineering Depth Areas (12 Credit Hours)

- Select 2 of the following 5 sequences to complete

Geotechnical: (6 Credit Hours)

- CEG 4012 - Geotechnical Engineering II **Credit Hours: 3**
- CWR 4124 - Hydrogeology **Credit Hours: 3**

Water Resources: (6 Credit Hours)

- CWR 4120 - Hydrology **Credit Hours: 3**
- CWR 4124 - Hydrogeology **Credit Hours: 3**

Transportation: (6 Credit Hours)

- TTE 4274 - Transportation Engineering Systems **Credit Hours: 3**
- TTE 4300 - Transportation Analytics **Credit Hours: 3**

Structures: (6 Credit Hours)

- CES 4605 - Steel Structures **Credit Hours: 3**
- CES 4702 - Reinforced Concrete Structures **Credit Hours: 3**

Mechanics: (6 Credit Hours)

- EGN 3343 - Thermodynamics **Credit Hours: 3**
- CES 4205 - Structural Mechanics **Credit Hours: 3**

Civil Engineering Depth Electives (6 Credit Hours)

- Take any of the courses not taken to complete a required depth area sequence OR from the following list:

Environmental:

- ENV 4531 - Environmental Engineering Unit Operations & Processes **Credit Hours: 3**
- ENV 4561 - Advanced Environmental Engineering Operations & Processes **Credit Hours: 3**

Construction:

- CCE 4034 - Construction Estimating and Scheduling **Credit Hours: 3**
- CCE 4004 - Construction Methods **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- 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 Credit Hours)

- Senior Design Courses

Design Specialization (3 Credit Hours)

¹ A "C" (2.0) or better is required in this course. Choose one course from the following:

- CEG 4801C - Geotechnical Engineering Design **Credit Hours: 3** ¹
- CES 4743C - Structural Design **Credit Hours: 3** ¹
- CWR 4812C - Water Resources Design **Credit Hours: 3** ¹
- TTE 4601C - Urban Systems 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 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. Applications must be received by the Florida Board of Professional Engineers approximately 6 months in advance of your exam date.

Required Minors

- None

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: 128

Additional Information

Honors In Major

- None

Related Programs

- Construction Engineering (B.S.Con.E.)
- Environmental Engineering (B.S.Env.E)

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 <http://www.cece.ucf.edu/undergraduate>

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.oeads.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**

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 **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 **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**

Construction Engineering (B.S.Con.E.)

College of Engineering and Computer Science
Department of Civil, Environmental, and Construction
Engineering, Engineering II, Room: 211
<http://www.cece.ucf.edu>

Lorrenza Vandiver, Lorrenza.Vandiver@ucf.edu
Dr. Amr A. Oloufa, Amr.Oloufa@ucf.edu
Phone: 407-823-2841

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 and 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 and 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 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 one class from Social Foundation Group 1 **Credit Hours: 3**
- Select one course from Social Foundation Group 2 **Credit Hours: 3**

Science Foundations (7 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)
Select one course from Science Foundation Group 2 **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.

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**

Select one of the following sequences of courses:

Preferred course

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**

or - First alternative: Select both of the following:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

or - Second alternative

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (2 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**

- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (55 Credit Hours)

¹ A "C" (2.0) or better is required in this course.

- 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
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- 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**

Restricted Electives (8 Credit Hours)

- 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 Credit Hours)

Required Senior Design Courses

¹ A "C" (2.0) or better is required in this course.

- CCE 4810C - Construction Design Project **Credit Hours: 3** ¹
- 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

- Construction engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year. Applications must be received by the Florida Board of Professional Engineers approximately 6 months in advance of your exam date.

Required Minors

- None

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: 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 <http://www.cece.ucf.edu/undergraduate>

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**

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 **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 **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**

Environmental Engineering (B.S.Env.E)

College of Engineering and Computer Science
Department of Civil, Environmental, and Construction Engineering, Engineering II, Room: 211
<http://www.cece.ucf.edu>

Lorrenza Vandiver, lorrenza.vandiver@ucf.edu
Dr. Andrew Randall, andrew.randall@ucf.edu
Phone: 407-823-2841

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 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 and 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 prerequisite 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 and 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 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 one class from Social Foundations Group 1 **Credit Hours: 3**
- Select one class from Social Foundations Group 2 **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**

Select one of the following sequences of courses:

Preferred course

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
or
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

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. Applications must be received by the Florida

Board of Professional Engineers approximately 6 months in advance of your exam date.

Required Minors

- None

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: 128

Additional Information

Honors In Major

- None

Related Programs

- Chemistry (B.S.)
- Construction Engineering (B.S.Con.E.)
- Civil Engineering (B.S.C.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 <http://www.cece.ucf.edu/undergraduate>

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.oas.ucf.edu/alc/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 **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 **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**

Department of Computer Science

Chair: Gary T. Leavens
HEC 437D; 407-823-5373
<http://www.cs.ucf.edu>

Faculty: Ahmed, Angell, Aria, Bagci, Bassiouni, Boloni, Chatterjee, da Vitoria Lobo, Dechev, Foroosh, Fu, Gazzillo, Glinos, Guha, Heinrich, Hu, Hua, Hughes, Jha, LaViola, Leavens, Leinecker, Liu, Llewellyn, Mahalanobis, Marinescu, Meade, Mohaisen, Montagne, Nedorost, Orooji, Pattanaik, Shah, Solihin, Stanley, Sukthankar, Szumlanski, Turgut, Vallyil, Thankachan, Wang, Weyuker, Whiting, Wisniewski, Wocjan, Wu, Yooseph, S. Zhang, W. Zhang, Zou

In addition to the Computer Science and Information Technology bachelor's degree programs, the department offers minors in Computer Science, Information Technology, Bioengineering, and Secure Computing and Networks, and an undergraduate certificate program in cyberoperations. UCF is pleased to be a National Security Agency center of academic excellence in both cyber defense research and cyber defense education.

The Computer Science Program

The Computer Science (CS) program offers courses and programs leading to Bachelor of Science, Master of Science (see online Graduate Catalog), and Doctor of Philosophy (see online Graduate Catalog) degrees in Computer Science.

The goals of the CS degree program are to educate students: to become effective team members and leaders, to have excellent communications and technical skills, and to prepare them for successful professional careers and advanced research. The program strives to achieve these goals by producing graduates with a broad base of formal course work. Students may use restricted elective credit to concentrate their degree in one of many research areas, including algorithms and complexity, artificial intelligence and machine learning, big data, computer networks, cybersecurity, graphics, games, and human-computer interaction, software engineering, systems, and vision and robotics. The CS faculty also have expertise in: bioinformatics and systems biology, computer architecture, database systems, distributed and cloud computing, evolutionary computing, graph theory, image and video processing, mixed and virtual reality, multi-agent systems, mobile computing, neural networks, operating systems, parallel computation, and quantum computing. There is a comprehensive design experience at the end of the program.

Research facilities are organized around laboratories directed by faculty members. Facilities in these laboratories change rapidly and are generally funded through external research grants, supplemented by grant matching and startup funds. To learn about the current status of research facilities and projects, visit faculty web pages. These may be found by following links from the Computer Science home page at <http://www.cs.ucf.edu/>.

Mission

The mission of the Computer Science program is to educate majors in the principles and practices of computer science, preparing them for graduate school, for careers in software

development and computing systems technology, and for a lifetime of learning.

Program Educational Objectives

1. CS graduates participate as effective and productive team members or team leaders in the development of large computer and software systems covering a broad range of fields including engineering, scientific, and enterprise applications.
2. CS graduates demonstrate the knowledge and skills to do advanced studies and research in computer science and related engineering and scientific disciplines.

Student Outcomes

All graduating CS majors shall:

1. analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. design and implement a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. communicate effectively in a variety of professional contexts.
5. demonstrate an understanding of professional, ethical, legal, security, and social issues and responsibilities.
6. function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. apply computer science theory to produce computing-based solutions.
8. apply software development fundamentals to produce computing-based solutions.

The Information Technology Program

The Information Technology (IT) program offers courses leading to the Bachelor of Science degree in Information Technology. Information Technology encompasses computer software, hardware, peripheral devices and their use in communication networks and information systems. IT-related disciplines include database engineering, network engineering, performance planning, system security, digital media design, and web server design. The program provides students a strong conceptual core, which will prepare students to be lifelong learners, along with

significant hands-on experience. The inclusion of advanced courses in programming, technical writing, ethics in science and technology, human technology interaction, IT system integration, enterprise computing, and web-based IT will prepare these students to communicate in the parlance of the industries in which they choose to work.

Mission

The mission of the Bachelor of Science in Information Technology Degree Program is to educate students in the science and practices of information technology, preparing them for a lifetime of learning and for careers in information technology as well as in a wide variety of disciplines that integrate information technology into their respective fields of activity.

Program Educational Objectives

The objectives of the Information Technology Program at UCF are that:

1. Graduates demonstrate the technical competence necessary for careers in information technology as well as in a wide variety of disciplines that integrate information technology into their respective fields of activity.
2. Graduates demonstrate communication skills, teamwork capabilities, and leadership abilities necessary for a successful professional career.
3. Graduates participate in life-long learning activities appropriate to their profession, including graduate study, professional training, and involvement in professional societies.

Student Outcomes

By graduation each student should be able to:

1. analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. communicate effectively in a variety of professional contexts.
4. recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. identify and analyze user needs and to take them into account in the selection, creation,

integration, evaluation, and administration of computing-based systems.

7. effectively integrate security standards and best practices into IT-based systems.
8. apply technical skills in a diverse IT landscape to recognize and mitigate the potential negative impacts created by the introduction of new IT-based systems on individuals, communities, and society as a whole.

Department of Computer Science Policies and Procedures

The Department's website (<http://www.cs.ucf.edu>) is a central point from which visitors may view current policies and procedures of our programs. In particular, links from this page provide up-to-date answers to frequently asked questions (FAQ's) concerning academic advisement, student professional societies, undergraduate research opportunities, and means to effectively communicate concerns (comments, suggestions, complaints). We ask that you visit this site and follow its guidelines before you send email and letters, or make phone calls to faculty members and administrators.

Major

Computer Science (B.S.)

College of Engineering and Computer Science
Department of Computer Science, Harris Corp.
Engineering Center, Room: 346

<http://www.cs.ucf.edu>

Email: undergraduate@cs.ucf.edu

Dr. Mark Heinrich
Jenny Shen
Phone: 407-823-2341

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 and 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 Program (GEP) (39 Credit Hours)

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** (Prefer)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Prefer)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (14 Credit Hours)

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.

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Select Two:

4 hours for this requirement assumes that BSC 2010C is taken since the hours for this course are also in the GEP.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

Core Requirements: Basic Level (30 Credit Hours)

A "C" (2.0) or better is required in each course in this area.

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- CDA 3103C - Computer Logic and Organization **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- CIS 3360 - Security in Computing **Credit Hours: 3**
- COP 3402 - Systems Software **Credit Hours: 3**
- COT 4210 - Discrete Structures II **Credit Hours: 3**
- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- COT 3960 - Foundation Exam **Credit Hours: 0**

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**

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 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
- 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

- None

Related Programs

- Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- 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 **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 **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)

- Area Course **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Area Course **Credit Hours: 3**
- GEP **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**

Information Technology (B.S.)

College of Engineering and Computer Science
Department of Computer Science,
Harris Corp. Engineering Center, Room: 346
<http://www.cs.ucf.edu/>
Email: undergraduate@cs.ucf.edu

Dr. Mark Heinrich
Sean Donovan
Phone: 407-823-2341

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 and 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 Program (GEP) (37 Credit Hours)

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** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Suggested)
- MAC 1140C - Pre-Calculus Algebra **Credit Hours: 3** (Suggested)

Social Foundations (6 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (7 Credit Hours)

- PHY 2053C - College Physics I **Credit Hours: 4** (Required)
- Select one class from Science Foundations **Credit Hours: 3**

Common Program Prerequisites (CPP) (15 Credit Hours)

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.

- MAC 1114C - College Trigonometry **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- PHY 2053C - College Physics I **Credit Hours: 4** (GEP)
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- CGS 2545C - Database Concepts **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Select One: (3 Credit Hours)

- MAD 2104 - Foundations of Discrete Math **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (52 Credit Hours)

- A "C" (2.0) or better is required in each of these courses.

Core Requirements (46 Credit Hours)

- COP 3502C - Computer Science I **Credit Hours: 3**

- CIS 3360 - Security in Computing **Credit Hours: 3**
- CAP 3104 - Foundations of HCI **Credit Hours: 3**
- CGS 3269 - Computer Architecture Concepts **Credit Hours: 3**
- CNT 3004 - Computer Network Concepts **Credit Hours: 3**
- CIS 3003 - Fundamentals of Information Technology **Credit Hours: 3**
- CIS 4524 - Managing IT Integration **Credit Hours: 3**
- CNT 4714 - Enterprise Computing **Credit Hours: 3**
- CIS 4004 - Web-Based Information Technology **Credit Hours: 3**
- CNT 4703C - Design and Implementation of Computer Communication Networks **Credit Hours: 3**
- COP 4910 - Frontiers in Information Technology **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- CGS 3763 - Operating System Concepts **Credit Hours: 3**
- CNT 4603 - System Administration and Maintenance **Credit Hours: 3**
- PHY 2054C - College Physics II **Credit Hours: 4**

Support Courses (6 Credit Hours)

- A "C" (2.0) or better is required in each of these courses.

Select One: (3 Credit Hours)

- ENC 4293 - Documentation and Project Management **Credit Hours: 3**
- ENC 4265 - Writing for the Computer Industry **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**

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Six hours of 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.

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
- 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

- None

Related Programs

- Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- 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 **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 **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**

Minor

Computer Science Minor

College of Engineering and Computer Science
Department of Computer Science,
Harris Corp. Engineering Center, Room: 346
<http://www.cs.ucf.edu>

Dr. Mark Llewellyn, markl@cs.ucf.edu
Phone: 407-823-2790

Minor Admission Requirements

- Not open to Computer Engineering, Computer Science or Information Technology majors.

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (18 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- CDA 3103C - Computer Logic and Organization **Credit Hours: 3**

Select 1: (3 Credit Hours)

- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- MAD 2104 - Foundations of Discrete Math **Credit Hours: 3**

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.

Information Technology Minor

College of Engineering and Computer Science
Department of Computer Science,
Harris Corp. Engineering Center, Room: 346
<http://www.cs.ucf.edu>

Dr. Mark Llewellyn, Markl@cs.ucf.edu
Phone: 407-823-2790

Minor Admission Requirements

- Not open to Information Technology majors, Computer Science majors or Computer Engineering majors.

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (15 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- CGS 2545C - Database Concepts **Credit Hours: 3**
- CGS 3269 - Computer Architecture Concepts **Credit Hours: 3**
- CGS 3763 - Operating System Concepts **Credit Hours: 3**
- CIS 3003 - Fundamentals of Information Technology **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Select 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.

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.

Secure Computing and Networks Minor

College of Engineering and Computer Science
Department of Computer Science,
Harris Corp. Engineering Center, Room: 346
<http://www.cs.ucf.edu>

Dr. Mark Llewellyn, markl@cs.ucf.edu, 407-823-2790

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- CIS 3360 - Security in Computing **Credit Hours: 3**
- CIS 3362 - Cryptography and Information Security **Credit Hours: 3**
- CNT 4403 - Network Security and Privacy **Credit Hours: 3**
- CIS 4361 - Secure Operating Systems and Administration **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Select One: (3 Credit Hours)

- CNT 4703C - Design and Implementation of Computer Communication Networks **Credit Hours: 3**
- CNT 4704 - Analysis of Computer Communication Networks **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**

Select One: (3 Credit Hours)

- CIS 4615 - Secure Software Development and Assurance **Credit Hours: 3**
- CIS 4940C - Topics in Cybersecurity **Credit Hours: 3**
- EEE 4346C - Hardware Security and Trusted Circuit Design **Credit Hours: 3**

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

Certificate

Cyber Operations Certificate

College of Engineering and Computer Science
Department of Computer Science

Dr. Thomas Nedorost, Thomas.Nedorost@ucf.edu

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

Required Courses (30 Credit Hours)

- COP 3502C - Computer Science I **Credit Hours: 3**
- CIS 3360 - Security in Computing **Credit Hours: 3**
- CIS 3362 - Cryptography and Information Security **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**

Select One: (3 Credit Hours)

- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- MAD 2104 - Foundations of Discrete Math **Credit Hours: 3**

Select One: (3 Credit Hours)

- COP 4600 - Operating Systems **Credit Hours: 3**
- CGS 3763 - Operating System Concepts **Credit Hours: 3**

Select One: (3 Credit Hours)

- CNT 4704 - Analysis of Computer Communication Networks **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**

Select one of the following sequences of courses:

- CDA 3103C - Computer Logic and Organization **Credit Hours: 3**
and
- EEL 4768 - Computer Architecture **Credit Hours: 3**
or
- EEL 3801C - Computer Organization **Credit Hours: 4**
and
- EEL 4768 - Computer Architecture **Credit Hours: 3**
or
- CGS 3269 - Computer Architecture Concepts **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- CAP 3104 - Foundations of HCI **Credit Hours: 3**
- CIS 4203C - Digital Forensics **Credit Hours: 3**

- CIS 4524 - Managing IT Integration **Credit Hours: 3**
- CNT 4714 - Enterprise Computing **Credit Hours: 3**
- COP 3402 - Systems Software **Credit Hours: 3**
- EEE 4346C - Hardware Security and Trusted Circuit Design **Credit Hours: 3**
- EEL 4783 - Hardware Description Languages in Digital Systems Design **Credit Hours: 3**
- EEL 5722C - Field-Programmable Gate Array (FPGA) Design **Credit Hours: 3**

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.

Accelerated Undergraduate- Graduate Program

Computer Science - Accelerated Undergraduate- Graduate Program (B.S. / M.S.)

College of Engineering and Computer Science
Department of Computer Science,
Harris Corp. Engineering Center, Room: 437
<http://www.cs.ucf.edu>

Dr. Liqiang Wang, cs-grad@cs.ucf.edu
Phone: 407-823-3327

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 Program (GEP) (39 Credit Hours)

- See Computer Science (B.S.) in the catalog for track specific GEP requirements.

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (14 Credit Hours)

- See Computer Science (B.S.) in the catalog for the CPP requirements.

Core Requirements: Basic Level (30 Credit Hours)

A "C" (2.0) or better is required in each course in the area.

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- CDA 3103C - Computer Logic and Organization **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- CIS 3360 - Security in Computing **Credit Hours: 3**
- COP 3402 - Systems Software **Credit Hours: 3**
- COT 4210 - Discrete Structures II **Credit Hours: 3**
- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- COT 3960 - Foundation Exam **Credit Hours: 0**

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**

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
- 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

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 - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$9 per term
- Full-Time Student: \$18 per term

Department of Electrical and Computer Engineering

Chair: Zhihua Qu
HEC 439C; 407-823-5976

Faculty: Abdolvand, Abichar, Assefzadeh, Atia, Awad, Batareseh, Behal, Chan, Chen, DeMara, Dimitrovski, Elashhab, Enyioha, Ewetz, Fahim, Fallah, Fan, Georgiopoulos, Gong, Guo, Jones, Kim, Li, Lin, Mikhael, Qi, Qu, Rahnavard, Richie, Simaan, Suboh, Sun, Sundaram, Vosoughi, Wahid, Wang, Weeks, Wei, Yao, Yuan, Yuksel, Zhou

The Department of Electrical and Computer Engineering offers baccalaureate degrees in both Electrical Engineering (BSEE) and Computer Engineering (BSCpE). Graduate degrees leading to the Master of Science in Electrical Engineering (M.S.E.E.), Master of Science in Computer Engineering (M.S.CpE), and Doctor of Philosophy (Ph.D.) are also offered (see online Graduate Catalog).

The curriculum provides an integrated experience including humanities and social sciences, mathematics and basic

sciences, engineering core, computing, and design experience. The laboratory experiences appropriately combine theory and practice in the Electrical and Computer Engineering programs through a logical progression of courses. Design experiences start with the first circuits course, EEL 3004C, and progress to the senior design capstone courses. This senior design experience is a two-semester sequence totaling six credit hours. Aspects of engineering economics, administration, oral presentation, professional issues such as ethics, safety and environmental impact are also covered in the design courses. The design projects required in the design course sequence address real-life problems, and the students work in a team setting. Also, several projects are developed jointly with our industry partners.

The Computer Engineering Program

The Computer Engineering program contains a minimum of 63 credit hours of design experience, through courses such as Embedded Systems and Computer Architecture (EEL 4742C and EEL 4768), Computer Science I (COP 3502C) and Digital Systems (EEE 3342C). In addition the program has two tracks: Comprehensive and Digital VLSI Circuits. Students are only allowed to declare one track per degree program. Technical electives can give additional design experiences in specialty areas such as computer architecture, intelligent systems, networking, software engineering, and simulation systems.

Mission

The mission of the UCF Computer Engineering Program is to develop and disseminate the theory and methods for the design, analysis, implementation, and improvement of computer hardware, software, and systems.

Program Educational Objectives

The objectives of the CpE Program are that:

1. Graduates will establish a successful employment position with increasing responsibilities in the areas of computer engineering.
2. Graduates will pursue advanced studies in the areas of computer engineering.
3. Graduates demonstrate the pursuit of life-long learning in their areas of interest, including membership in professional societies, and participating in training opportunities.

Student Outcomes

Graduates of the Computer Engineering program should attain:

1. an ability to identify, formulate, and solve complex engineering problems.
2. 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. an ability to communicate effectively with a range of audiences.
4. 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. 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. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. an ability to use contemporary modeling and simulation tools.

The Electrical Engineering Program

The Electrical Engineering program contains a minimum of 63 credit hours of design experience. This is achieved through courses such as Linear Control Systems (EEL 3657), Electronics I and II (EEE 3307C and EEE 4309C), Digital Signal Processing (EEL 4750), Signal Analysis and Analog Communication (EEL 3552C), Embedded Systems (EEL 4742C), Linear Circuits II (EEL 3123C) and Digital Systems (EEE 3342C). In addition the program has four tracks: Comprehensive, Communications and Signal Processing, RF and Microwaves, and Power and Renewable Energy. Students are allowed to declare one track per degree program. Technical electives can give additional design experience leading to work in communications, controls, image and signal processing, microelectronics and solid state devices, microwaves and electromagnetics, power and power electronics.

Mission

The mission of the Electrical Engineering Program is to develop and disseminate the theory and methods for the design, analysis, and implementation of the principles and practices in Electrical Engineering.

Program Educational Objectives

The objectives of the EE Program are that:

1. Graduates will establish a successful employment position with increasing responsibilities in the areas of electrical engineering.
2. Graduates will pursue advanced studies in the areas of electrical engineering.
3. Graduates will demonstrate the pursuit of life-long learning in their areas of interest, including membership in professional societies, and participating in training opportunities.

Student Outcomes

Graduates of the Electrical Engineering program should attain:

1. an ability to identify, formulate, and solve complex engineering problems.
2. 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. an ability to communicate effectively with a range of audiences.
4. 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. 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. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. an ability to use contemporary modeling and simulation tools.

The mission statement and objectives for the Computer Engineering and Electrical Engineering programs are electronically posted and continuously updated. More information on the Computer and Electrical Engineering programs can be found on the home page at <http://www.ece.ucf.edu>.

Department of Electrical and Computer Engineering Policies and Procedures

The Department's website (<http://www.ece.ucf.edu>) is a central point from which visitors may view current policies and procedures of our programs. In particular, links from

this page provide up-to-date answers to frequently asked questions (FAQ's) concerning academic advisement, student professional societies, undergraduate research opportunities, and means to effectively communicate concerns (comments, suggestions, complaints). We ask that you visit this site and follow its guidelines before you send email and letters, or make phone calls to faculty members and administrators.

Major

Computer Engineering, Comprehensive Track (B.S.Cp.E.)

**College of Engineering and Computer Science
Department of Electrical and Computer Engineering,
Harris Corp. Engineering Center, Room: 346**

<http://www.ece.ucf.edu>

Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: 407-823-3327

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 and 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 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 and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

Engineering Core

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)

Courses Required for the Major (48 Credit Hours)

¹ A "C" (2.0) or better is required in this course.

- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3** ¹
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**
- EEL 3004C - Linear Circuits I **Credit Hours: 3** ¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3** ¹
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEE 3342C - Digital Systems **Credit Hours: 3** ¹
- EEL 3801C - Computer Organization **Credit Hours: 4** ¹
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- COP 4600 - Operating Systems **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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 <http://www.ece.ucf.edu/CpE/overview.php>

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

Plan of Study

- 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 (15 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP- Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Preferred

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** ¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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 1101 - Composition I **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- GEP- Historical Foundation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP-Science Foundation **Credit Hours: 3**

Sophomore Year - Summer (10 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- EEL 3801C - Computer Organization **Credit Hours: 4**
- GEP- Cultural Foundation **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- EEE 3307C - Electronics I **Credit Hours: 4**
- GEP- Social Foundation **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- COP 3503C - Computer Science II **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**

- Technical Elective **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- EEL 4914 - Senior Design I **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- COP 4600 - Operating Systems **Credit Hours: 3**
- EEL 4915L - Senior Design II **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Computer Engineering, Digital Circuits Track (B.S.Cp.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering
Harris Corp. Engineering Center, Room: 346
<http://www.ece.ucf.edu>
Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: (407) 823-3327

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 and 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 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** (Preferred)
- 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
- ECO 2023 - Principles of Microeconomics
Credit Hours: 3
- 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**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

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 and 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.
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

Engineering Core

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)

Courses Required for the Major

- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3** ¹
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**
- EEL 3004C - Linear Circuits I **Credit Hours: 3** ¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3** ¹
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEE 3342C - Digital Systems **Credit Hours: 3** ¹
- EEL 3801C - Computer Organization **Credit Hours: 4** ¹
- EEL 4742C - Embedded Systems **Credit Hours: 3**

- EEL 4768 - Computer Architecture **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**

¹ A "C" (2.0) or better is required in this course.

Select Two: (6 Credit Hours)

- EEE 4346C - Hardware Security and Trusted Circuit Design **Credit Hours: 3**
- EEE 4314 - Device Electronics for Integrated Circuits **Credit Hours: 3**
- EEL 4783 - Hardware Description Languages in Digital Systems Design **Credit Hours: 3**
- EEL 5704 - Computer Aided Logical Design **Credit Hours: 3**
- EEE 5353 - Semiconductor Device Modeling and Simulation **Credit Hours: 3**
- EEE 5356C - Fabrication of Solid-State Devices **Credit Hours: 4**
- EEE 5378 - CMOS Analog and Digital Circuit Design **Credit Hours: 3**
- EEE 5390C - Full-Custom VLSI Design **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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**

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 <http://www.ece.ucf.edu/CpE/overview.php>

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

Plan of Study

- 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 (15 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP- Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Preferred

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** ¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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 1101 - Composition I **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- GEP- Historical Foundation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP-Science Foundation **Credit Hours: 3**

Sophomore Year - Summer (10 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- EEL 3801C - Computer Organization **Credit Hours: 4**
- GEP- Cultural Foundation **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- EEE 3307C - Electronics I **Credit Hours: 4**
- GEP- Social Foundation **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- COP 3503C - Computer Science II **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**
- Senior Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- Senior Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EEL 4915L - Senior Design II **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Electrical Engineering, Communications and Signal Processing Track (B.S.E.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering
Harris Corp. Engineering Center, Room: 346
<http://www.ece.ucf.edu>
Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: 407-823-3327

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 and 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 Program (GEP) (38 Credit Hours)

- 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 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** (Prefer)
- 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** (Prefer)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Prefer)
- 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 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.

- 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**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

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 and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (53 Credit Hours)

Courses Required for the Engineering Core (3 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

Courses Required for the Major (50 Credit Hours)

- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**¹
- EEL 3021 - Introduction to Applied Randomness for Engineers **Credit Hours: 3**
- EEL 3004C - Linear Circuits I **Credit Hours: 3**¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3**¹
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEE 3342C - Digital Systems **Credit Hours: 3**¹
- EEL 3801C - Computer Organization **Credit Hours: 4**¹
- EEL 3926L - Junior Design **Credit Hours: 1**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4515C - Fundamentals of Digital Communication **Credit Hours: 4**
- EEL 4742C - Embedded Systems **Credit Hours: 3**

¹ A "C" (2.0) or better is required in this course.

Junior Level Electives (6 Credit Hours)

- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**

- EEE 3350 - Semiconductor Devices **Credit Hours: 3**

Senior Level Electives (6 Credit Hours)

- EEL 4140C - Analog Filter Design **Credit Hours: 4**
- EEL 4518 - Satellite Communications **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- EEE 5513 - Digital Signal Processing Applications **Credit Hours: 3**
- EEE 5542 - Random Processes I **Credit Hours: 3**
- EEE 5557 - Introduction to Radar Systems **Credit Hours: 3**
- EEL 5432 - Satellite Remote Sensing **Credit Hours: 3**
- EEL 5780 - Wireless Networks **Credit Hours: 3**
- EEL 5820 - Image Processing **Credit Hours: 3**
- EEL 5268 - Communications and Networking for Smart Grid **Credit Hours: 3**
- EEL 5582 - Fundamentals of Wireless Communications **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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 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 <http://www.ece.ucf.edu/EE/overview.php>

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.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

Freshman Year - Fall (15 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Preferred

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** ¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**

- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- GEP Cultural Foundation **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP Social Foundation **Credit Hours: 3**

Junior Year - Fall (17 Credit Hours)

- EEL 3801C - Computer Organization **Credit Hours: 4**
- GEP Science Foundation **Credit Hours: 3**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- Junior Level Elective **Credit Hours: 3**
- Junior Level Elective **Credit Hours: 3**

Junior Year - Spring (17 Credit Hours)

- EEE 3307C - Electronics I **Credit Hours: 4**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**
- EEL 3021 - Introduction to Applied Randomness for Engineers **Credit Hours: 3**
- GEP Historical Foundation **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- EEL 4515C - Fundamentals of Digital Communication **Credit Hours: 4**
- EEL 4914 - Senior Design I **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- EEL 4915L - Senior Design II **Credit Hours: 3**
- Technical Elective **Credit Hours: 4**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Electrical Engineering, Comprehensive Track (B.S.E.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering,
Harris Corp. Engineering Center, Room: 346

<http://www.ece.ucf.edu>

Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: 407-823-3327

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 and 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 Program (GEP) (38 Credit Hours)

- 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 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** (Prefer)
- 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** (Prefer)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Prefer)
- 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 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.

- 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**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

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 and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (47 Credit Hours)

Courses Required for the Engineering Core (3 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

Courses Required for the Major (44 Credit Hours)

¹ A "C" (2.0) or better is required in this course.

- EEL 3926L - Junior Design **Credit Hours: 1**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3** ¹
- EEL 3004C - Linear Circuits I **Credit Hours: 3** ¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3** ¹
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEE 3342C - Digital Systems **Credit Hours: 3** ¹
- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**
- EEL 3801C - Computer Organization **Credit Hours: 4** ¹
- EEE 4309C - Electronics II **Credit Hours: 4**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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 <http://www.ece.ucf.edu/EE/overview.php>

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.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

Freshman Year - Fall (15 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Preferred

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** ¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**

- ECO 2023 - Principles of Microeconomics
Credit Hours: 3

Sophomore Year - Fall (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II
Credit Hours: 4
- MAC 2313 - Calculus with Analytic Geometry
III **Credit Hours: 4**
- EGN 3211 - Engineering Analysis and
Computation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PHY 3101 - General Physics Using Calculus III
Credit Hours: 3
- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I
Credit Hours: 3
- EEE 3342C - Digital Systems **Credit Hours: 3**
- GEP Cultural Foundation **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- GEP Social Foundation **Credit Hours: 3**
- STA 3032 - Probability and Statistics for
Engineers **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- EEE 3350 - Semiconductor Devices **Credit
Hours: 3**
- EEL 3552C - Signal Analysis and Analog
Communication **Credit Hours: 4**
- EEL 3801C - Computer Organization **Credit
Hours: 4**
- EEL 3470 - Electromagnetic Fields **Credit
Hours: 3**

Junior Year - Spring (17 Credit Hours)

- EEE 3307C - Electronics I **Credit Hours: 4**

- EEL 3657 - Linear Control Systems **Credit
Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours:
3**
- GEP Science Foundation **Credit Hours: 3**
- EEL 4750 - Digital Signal Processing
Fundamentals **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**

Senior Year - Fall (16 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 4**
- GEP Historical Foundation **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- EEL 4915L - Senior Design II **Credit Hours: 3**
- EEE 4309C - Electronics II **Credit Hours: 4**
- Approved Technical Elective **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**

Electrical Engineering, Power and Renewable Energy Track (B.S.E.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering
Harris Corp. Engineering Center, Room: 346

<http://www.ece.ucf.edu>

Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: 407-823-3327

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 and 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 Program (GEP) (38 Credit Hours)

- 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 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** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)

Cultural & 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)
or

- 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 EE major courses, a 2.0 (C or better) in each course is required.

- 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**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

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 and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

Courses Required for the Engineering Core (3 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

Courses Required for the Major (45 Credit Hours)

¹ A "C" (2.0) or better is required in this course.

- EEL 3926L - Junior Design **Credit Hours: 1**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3** ¹
- EEL 3004C - Linear Circuits I **Credit Hours: 3** ¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3** ¹
- EEL 3307C - Electronics I **Credit Hours: 4**
- EEL 3342C - Digital Systems **Credit Hours: 3** ¹
- EEL 3801C - Computer Organization **Credit Hours: 4** ¹
- EEL 3657 - Linear Control Systems **Credit Hours: 3**
- EEL 4216 - Fundamentals of Electric Power Systems **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**

Junior Level Electives (6 Credit Hours)

- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEL 3290 - Global Energy Issues **Credit Hours: 3**

Senior Level Electives (9 Credit Hours)

- EEL 4205 - Electric Machinery **Credit Hours: 3**
- EEL 4612C - Introduction to Modern and Robust Control **Credit Hours: 4**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4294 - Introduction to Smart Grid **Credit Hours: 3**
- EEL 5173 - Linear Systems Theory **Credit Hours: 3**
- EEL 5185 - System Identification **Credit Hours: 3**
- EEL 5268 - Communications and Networking for Smart Grid **Credit Hours: 3**
- EEL 5291 - Distributed Control and Optimization for Smart Grid **Credit Hours: 3**
- EEL 5255 - Advanced Power Systems Analysis **Credit Hours: 3**
- EEL 5245C - Power Electronics **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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 (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 <http://www.ece.ucf.edu/EE/overview.php>

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.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

Freshman Year - Fall (15 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP - Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ Preferred

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** ¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**

- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- GEP - Cultural Foundation **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP - Social Foundation **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- EEL 3801C - Computer Organization **Credit Hours: 4**
- GEP - Science Foundation **Credit Hours: 3**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**
- Junior Level Elective **Credit Hours: 3**
- Junior Level Elective **Credit Hours: 3**

Junior Year - Spring (17 Credit Hours)

- EEE 3307C - Electronics I **Credit Hours: 4**
- EEL 4216 - Fundamentals of Electric Power Systems **Credit Hours: 3**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**

Senior Year - Fall (15 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**

- Senior Level Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- GEP - Historical Foundation **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EEL 4915L - Senior Design II **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Electrical Engineering, RF and Microwaves Track (B.S.E.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering
Harris Corp. Engineering Center, Room: 346
<http://www.ece.ucf.edu>
Email: undergraduate@ece.ucf.edu

Dr. Parveen Wahid
Charlese Hilton-Brown
Phone: 407-823-3327

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 and 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 Program (GEP) (38 Credit Hours)

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 (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** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)

Cultural & 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) or
- 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 EE major courses, a 2.0 (C or better) in each course is required.

- 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**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

Select One: (4 Credit Hours)

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (2 Credit Hours)

The College of Engineering and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (49 Credit Hours)

Courses Required for the Engineering Core (3 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

Courses Required for the Major (46 Credit Hours)

- EEL 3926L - Junior Design **Credit Hours: 1**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**¹
- EEL 3004C - Linear Circuits I **Credit Hours: 3**¹
- EEL 3123C - Linear Circuits II **Credit Hours: 3**¹
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEE 3342C - Digital Systems **Credit Hours: 3**¹
- EEL 3801C - Computer Organization **Credit Hours: 4**¹
- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- EEE 4309C - Electronics II **Credit Hours: 4**
- EEL 4436C - Microwave Engineering **Credit Hours: 4**
- EEL 4742C - Embedded Systems **Credit Hours: 3**

¹ A "C" (2.0) or better is required in this course.

Junior Level Electives (6 Credit Hours)

- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**

Senior Level Electives (9 Credit Hours)

- EEL 4140C - Analog Filter Design **Credit Hours: 4**
- EEL 4515C - Fundamentals of Digital Communication **Credit Hours: 4**
- EEL 4518 - Satellite Communications **Credit Hours: 3**

- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 5437C - Microwave Engineering **Credit Hours: 4**
- EEL 5462C - Antenna Analysis and Design **Credit Hours: 3**
- EEL 5439C - RF and Microwave Communications **Credit Hours: 4**
- EEE 5557 - Introduction to Radar Systems **Credit Hours: 3**
- EEL 5432 - Satellite Remote Sensing **Credit Hours: 3**
- EEE 5356C - Fabrication of Solid-State Devices **Credit Hours: 4**
- EEE 5513 - Digital Signal Processing Applications **Credit Hours: 3**
- EEE 5265 - Biomedical Effects and Applications of Electromagnetic Energy **Credit Hours: 3**
- EEE 5370 - Operational Amplifiers **Credit Hours: 3**
- EEE 5378 - CMOS Analog and Digital Circuit Design **Credit Hours: 3**

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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

- 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 <http://www.ece.ucf.edu/EE/overview.php>

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: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

¹ Preferred

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- GEP - Historical Foundation **Credit Hours: 3**

Select One: (3 Credit Hours)

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**¹
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

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**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**

- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- GEP - Cultural Foundation **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP - Social Foundation **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- EEL 3801C - Computer Organization **Credit Hours: 4**
- GEP - Science Foundation **Credit Hours: 3**
- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- Junior Level Elective **Credit Hours: 3**
- Junior Level Elective **Credit Hours: 3**

Junior Year - Spring (17 Credit Hours)

- EEE 3307C - Electronics I **Credit Hours: 4**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- Senior Level Elective **Credit Hours: 3**
- EEL 3926L - Junior Design **Credit Hours: 1**

Senior Year - Fall (14 Credit Hours)

- EEE 4309C - Electronics II **Credit Hours: 4**
- EEL 4914 - Senior Design I **Credit Hours: 3**
- Technical Elective **Credit Hours: 4**
- Technical Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- EEL 4915L - Senior Design II **Credit Hours: 3**
- Technical Elective **Credit Hours: 4**
- Technical Elective **Credit Hours: 3**

- GEP - Historical Foundation **Credit Hours: 3**

Accelerated Undergraduate-Graduate Program

Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering,
Harris Corp. Engineering Center, Room: 439
<http://www.ece.ucf.edu>
Email: eecpe-grad@ece.ucf.edu

Dr. Kalpathy Sundaram
Diana Camerino
Phone: 407-823-3327

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 Program (GEP) (38 Credit Hours)

See Computer Engineering major in the catalog for track
GEP requirements.

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (19 Credit Hours)

See Computer Engineering major in the catalog for the CPP
requirements.

Core Requirements: Basic Level (2 Credit Hours)

Computer Engineering: Basic Core (2 Credit Hours)

- EGN 1007C - Engineering Concepts and
Methods **Credit Hours: 1**
- EGS 1006C - Introduction to the Engineering
Profession **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

- None

Restricted Electives

- 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 Credit Hours)

- Technical elective courses are to be selected by
the student from department approved courses.

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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 <http://www.ece.ucf.edu/CpE/overview.php>

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term

Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering,
Harris Corp. Engineering Center, Room: 439
<http://www.ece.ucf.edu>
Email: eece-grad@ece.ucf.edu

Dr. Kalpathy Sundaram
Diana Camerino
Phone: 407-823-3327

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 Program (GEP) (38 Credit Hours)

- See Electrical Engineering major in the catalog for track specific GEP requirements.

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (19 Credit Hours)

- See Electrical Engineering major in the catalog for the CPP requirements.

Core Requirements: Basic Level (2 Credit Hours)

- The College of Engineering and 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 in this area as well as restricted elective courses and the senior design courses listed below. Independent study courses generally do not satisfy major requirements.

Engineering Core: Basic (2 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**

- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level

Engineering Core: Advanced and Electives (73 Credit Hours)

Restricted Electives

- None

Capstone Requirements (6 Credit Hours)

- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **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

- 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
- 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

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

Electrical Engineering & Computer Science department for acceptable courses.

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 <http://www.ece.ucf.edu/EE/overview.php>

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

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/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term

Department of Industrial Engineering and Management Systems

Chair: Waldemar Karwowski
ENG2 312; 407-823-2204; Fax: 407-823-3413

Faculty: Biehl, Boginski, Calabrese, Elshennawy, Garibay, Hoekstra, Karwowski, Keathley, Kotnour, Lee, McCauley, Mollaghasemi, O'Neal, Proctor, Rabelo, Reilly, Sawyer, Vela, Zheng

Industrial Engineers work to continuously improve the design of systems, processes, or products. They design systems that translate a specific product design into a physical reality in the most productive manner and with the highest possible quality. In doing so, the industrial engineer deals with decisions regarding the utilization of people, materials, machines, and automation (including robotics). Industrial engineers are also skilled in Engineering Economic Analysis and Information Management since they are generally considered to be the natural interface between the technical specialist and management.

Industrial Engineers are generally sought in industry, service, and government organizations. In the industrial sector, the industrial engineer is concerned with improving productivity and quality of the manufacturing, distribution, and management system of organizations. In the service

sector, the industrial engineer is concerned with determining the most productive manner in which to deliver high-quality service to the customer. In government organizations the industrial engineer is active in assuring that taxpayers receive maximum service for their tax dollars.

The Industrial Engineering approach is characterized by a systematic evaluation of alternatives using quantitative analysis, and computer simulations. As such, quantification and measurement play a key role in the day to day activities of the industrial engineer.

Students learn advanced engineering methods in Operations Research (ESI 4312 and ESI 4313), Systems Simulation (ESI 4523), Quality Engineering (ESI 4234), and Systems Engineering (EIN 4517). Engineering design experiences are incorporated into many of the required industrial engineering core courses. For instance, students learn how to apply the principles of engineering design to production and distribution systems in EIN 4333, and to processes and facilities in EIN 4360. The design experience concludes with a re-al-world system design in the capstone course EIN 4891C.

Mission

To produce industrial engineering leaders who design and improve operations in industry, business, and government for the global economy of the 21st century. Specifically, we seek:

1. To provide graduates with the necessary knowledge and skills to assume challenging careers in leading private and public organizations, pursue advanced studies, or start-up their own businesses.
2. To provide employers with graduates who are technically competent, have fundamental knowledge of management and interpersonal skills, and ability to professionally grow and develop their careers.
3. To provide society with graduates who conduct themselves professionally and ethically and who appreciate the impact and importance of their work on society.

Program Educational Objectives

Within the first several years following graduation, Graduates should:

1. Be successfully employed in challenging or satisfying positions in the public or private sector.

2. Achieve professional growth through participation in advanced studies at the graduate level and/or career development activities.
3. Show a commitment to industrial engineering as a global service profession and practice with integrity, honesty, and objectivity.

Student Outcomes

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. an ability to communicate effectively with a range of audiences.
4. 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. 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. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practices.

The mission statement and objectives for the Industrial Engineering programs are electronically posted and continuously updated. More information on the Industrial Engineering program can be found on the Industrial Engineering Department home page at <http://www.iems.ucf.edu>.

Major

Industrial Engineering (B.S.I.E.)

**College of Engineering and Computer Science
Department of Industrial Engineering and Management**

Systems, Engineering II, Room: 312

<http://www.iems.ucf.edu/>

Jacob Lawhon, Jacob.Lawhon@ucf.edu, 407-823-5021

Dr. Luis Rabelo, Luis.Rabelo@ucf.edu

Phone: 407-823-2204

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 and 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 Program (GEP) (38 Credit Hours)

- 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 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)

Cultural & 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, Area 2 **Credit Hours: 3**

Science Foundations (7 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)
- Select one class 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 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.

¹ A 2.0 cumulative GPA or better is required for this course.

² Preferred

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** ¹ (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** ¹
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** ¹

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3** ¹
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** ¹ (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** ¹

Select One: (4 Credit Hours)

- CHS 1440 - Principles of Chemistry **Credit Hours: 4** ²
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹

Core Requirements: Basic Level (2 Credit Hours)

Engineering Core: Basic

The College of Engineering and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (60 Credit Hours)

Courses Required for the Major (60 Credit Hours)

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 and MAS.

¹ 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.

- EIN 2002 - Introduction to Industrial Engineering and Management Systems **Credit Hours: 1**

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- EIN 3351 - Engineering Economic Analysis and Cost Engineering **Credit Hours: 3**
- ESI 4628 - Decision Support Systems for Industrial Engineers **Credit Hours: 3**
- EIN 4243 - Human Engineering **Credit Hours: 3**
- EIN 4333 - Production and Distribution Systems **Credit Hours: 3**
- EIN 4360 - Facilities Planning and Work Design **Credit Hours: 4**
- EIN 4391 - Manufacturing Engineering **Credit Hours: 3**
- ESI 4221 - Empirical Methods for Industrial Engineering **Credit Hours: 3**
- ESI 4234 - Quality Engineering **Credit Hours: 3**
- ESI 4312 - Deterministic Methods for Operations Research **Credit Hours: 3**
- ESI 4313 - Stochastic Methods for Operations Research **Credit Hours: 3**
- ESI 4523 - Systems Simulation **Credit Hours: 3**
- EIN 4517 - Systems Engineering **Credit Hours: 3**
- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3** ¹
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**

Restricted Electives (5 Credit Hours)

- 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 Credit Hours)

- EIN 4891C - Industrial Engineering Senior Design Project **Credit Hours: 4**

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
- 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

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 <http://www.iems.ucf.edu/undergraduate/prospecti>ve

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.oas.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 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**
- CHS 1440 - Principles of Chemistry **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
- EIN 2002 - Introduction to Industrial Engineering and Management Systems
Credit Hours: 1
- 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
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

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: 2**
- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- EIN 4517 - Systems Engineering **Credit Hours: 3**

Accelerated Undergraduate-Graduate Program

Industrial Engineering (B.S.I.E. / M.S.I.E.)

College of Engineering and Computer Science
Department of Industrial Engineering and Management Systems, Engineering II, Room: 312
<http://www.iems.ucf.edu/>

Jacob Lawhon, jacob.lawhon@ucf.edu, 407-823-5021
Dr. Luis Rabelo, Luis.Rabelo@ucf.edu
Phone: 407-823-2204

Admission Requirements

- See Common Program Prerequisites
- Qualified students may apply after completion of a minimum of 60 credit hours
- Admission to the Accelerated Program does not guarantee formal admission to the MSIE program.
- Admission is not automatic. Interested students may need to be interviewed

Degree Requirements

- None

General Education Program (GEP) (38 Credit Hours)

See Industrial Engineering (B.S.I.E.) in the Catalog for track specific GEP requirements.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

Social Foundations (6 Credit Hours)

Science Foundations (7 Credit Hours)

Common Program Prerequisites (CPP) (19 Credit Hours)

- See Industrial Engineering (B.S.I.E.) in the Catalog for the CPP requirements.
- See "Common Prerequisites" in the Transfer and Transitions section for more information.

Core Requirements: Basic Level (2 Credit Hours)

Industrial Engineering Core: Basic (2 Credit Hours)

The College of Engineering and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (60 Credit Hours)

Graduate courses used to complete the Accelerated BS to MS will be chosen in consultation with the graduate advisor. The courses listed in this example are relevant to the Engineering Management MS. A "C" (2.0) or better is required in all courses listed in this section with a prefix of EIN, ESI, STA and MAS. A "B" (3.0) or better is required

for 5000/6000 level courses to be transferred for graduate credit.

¹ 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.

- EIN 2002 - Introduction to Industrial Engineering and Management Systems **Credit Hours: 1**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3** ¹
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- EIN 3351 - Engineering Economic Analysis and Cost Engineering **Credit Hours: 3**
- ESI 4221 - Empirical Methods for Industrial Engineering **Credit Hours: 3**
- ESI 4234 - Quality Engineering **Credit Hours: 3**
- EIN 4243 - Human Engineering **Credit Hours: 3**
- EIN 4333 - Production and Distribution Systems **Credit Hours: 3**
- EIN 4360 - Facilities Planning and Work Design **Credit Hours: 4**
- EIN 4391 - Manufacturing Engineering **Credit Hours: 3**
- EIN 4517 - Systems Engineering **Credit Hours: 3**
- ESI 4628 - Decision Support Systems for Industrial Engineers **Credit Hours: 3**
- ESI 4312 - Deterministic Methods for Operations Research **Credit Hours: 3**
- ESI 4313 - Stochastic Methods for Operations Research **Credit Hours: 3**
- ESI 4523 - Systems Simulation **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**

Restricted Electives (5 Credit Hours)

- Three (3) hours of technical electives must be either EIN 5140 Project Engineering or ESI 5219

Engineering Statistics which are required core requirements in the MSIE program. Another three (3) hours of technical elective may be taken at the 5000 level as a substitute for any of the 3 courses specified in the core requirements for the BSIE. 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

- 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

- None

Required Minors

- None

Departmental Exit Requirements (4 Credit Hours)

- EIN 4891C - Industrial Engineering Senior Design Project **Credit Hours: 4**

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

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- After entry to the Accelerated Program students will be advised regarding areas of study they plan to explore. During this time advising staff within the IEMS department will aid in selecting

approved graduate level courses that are acceptable alternatives to replace required courses.

- 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 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 <http://www.iems.ucf.edu/undergraduate/prospecti>
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Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- 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. The 5000 level courses listed in the plan above are examples. Contact the Graduate Coordinator in the Industrial Engineering and Management Systems department for a list of 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$38 per term
- Full-Time Student: \$77 per term

Department of Materials Science and Engineering

Chair: Sudipta Seal
ENG1 207; 407-882-1455; Fax: 407-882-1462

Faculty: An, Banerjee, Brisbois, Coffey, Crawford, Davis, Dong, Fang, Fenton, Florczyk, Jiang, Jung, Kushima, Leon, Mukhopadhyay, Rajaraman, Roy, Seal, Sohn, Thomas, Vaidyanathan, Yang

Materials Science and Engineering is the study of the structure-processing-properties relationships of engineering materials. Materials Science and Engineering is a research-intensive, engineering discipline with strong interactions with other STEM disciplines, including physics and chemistry, as well as other engineering fields. Materials Science and Engineering provides a broadly-based foundation in designing, processing and manufacturing, properties and performance of soft and hard materials in different length scales for applications in all aspects of science and engineering. Modern Materials Science and Engineering 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 department strives to meet the requirements for professional careers and research in materials science and engineering with foundational course work and emphasis on hands-on laboratories and independent research experience. MSE seeks to convey an understanding of the fundamental principles of science and engineering, to stimulate curiosity and creativity, to provide hands-on experience in laboratories, and to prepare students to "materialize" the design process to solve modern and relevant socio-economic challenges.

The Bachelor of Science in Materials Science and Engineering is designed to prepare students for immediate employment in industry as materials engineers as well as to prepare them for graduate education in MSE and related disciplines. Graduates who pursue employment opportunities are likely to apply their technical knowledge in the manufacturing industry, both in management and in research and development. In addition, the Department of Materials Science and Engineering offers an interdisciplinary graduate program with core courses leading to the Master of Science (see online Graduate Catalog) and Doctor of Philosophy (see online Graduate Catalog) degrees in Materials Science and Engineering.

Details of facilities available for teaching and research may be found by following links from the MSE home page at <http://www.mse.ucf.edu/>.

Mission: Department of Materials Science and Engineering

The mission of the Department is to serve the industrial and academic needs of the University, the State of Florida, the nation and the international community by providing materials scientists and/or engineers with

- Ability to use fundamental and applied knowledge and the skills of the discipline to perform effectively in a broad range of industrial, governmental and academic positions.
- Clear awareness of ethics, quality, environments, economy, and safety.
- Focus as life-long learners, pursuing their personal and professional development to rise to positions of prominence in the technical society of tomorrow.

The department further will serve as the focal point and catalyst for the development of high quality, coordinated and visionary research and educational programs for the materials-oriented students and faculty throughout UCF.

Major

Materials Science and Engineering (B.S.M.S.E.)

College of Engineering and Computer Science
Department of Materials Science & Engineering
ENG 1, Rm. 207

http://www.mse.ucf.edu
 Dr. Linan An, Linan.An@ucf.edu
 Pamela Ross, Pamela.Ross@ucf.edu

The proposed degree program is a Bachelor of Science in Materials Science and Engineering (BSMSE). Materials science and engineering (MSE) is a research-intensive, engineering discipline with strong interactions with other STEM disciplines (interdisciplinary), including physics and chemistry, as well as other engineering fields. The proposed BSMSE is an undergraduate specialization, and hence, may have a small enrollment, graduating approximately 15 students per year during the first five years, and 30 to 60 students per year thereafter. A single degree track is proposed, consisting of 128 total hours. The overall purpose of the program is two-fold, to prepare students for immediate employment in industry as materials engineers as well as to prepare them for graduate education in MSE and related disciplines.

Admission Requirements

- Students who wish to declare their major in Materials Science and Engineering must be in good academic standing and have a grade of C or better (2.0) 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 Pre-requisites (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 and 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.

1. UCF General Education Program (38 hrs)

- 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.

A: Communication Foundations (9 hrs)

Required	ENC 1101 Composition I	3 hrs
Required	ENC 1102 Composition II	3 hrs

Select 1:

SPC 1603C Fundamentals of Technical Presentations 3 hrs

SPC 1608 Fundamentals of Oral

Communication 3 hrs

B: Cultural & Historical Foundations (9 hrs)

Select one course from Historical Foundations 3 hrs

Select one course from Cultural Foundations 3 hrs

Select one course from Cultural OR Historical Found. 3 hrs

C: Mathematical Foundations (7 hrs)

Required:

MAC 2311C Calculus with Analytic Geometry I 4 hrs

STA 3032 Probability and Statistics for Engineers 3 hrs

D: Social Foundations (6 hrs)

ECO 2013 Principles of Macroeconomics *or* 3 hrs

ECO 2023 Principles of Microeconomics 3 hrs

And Select 1 class from Social Foundations 3 hrs

E: Science Foundations (7 hrs)

CHM 2045C Chemistry Fundamentals I (Required) 4 hrs

Select 1 class from Science Foundation 2 3 hrs

2. Common Program Prerequisites (CPP) (23 hrs)

- 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.
- CHM 2045C Chemistry Fundamentals I (GEP) 4 hrs
- CHM 2046 Chemistry Fundamentals II 3 hrs
- CHM 2046L Chemistry Fundamentals II Laboratory 1 hrs
- MAC 2311C Calculus with Analytic Geom. I (GEP) 4 hrs

- MAC 2312 Calculus with Analytic Geometry II 4 hrs
- MAC 2313 Calculus with Analytic Geometry III 4 hrs
- MAP 2302 Ordinary Differential Equations I 3 hrs
- PHY 2048C General Physics Using Calculus I 4 hrs
- PHY 2049C General Physics Using Calculus II 4 hrs

Core Requirements: Basic Level (8 Hrs)

The College of Engineering and 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:

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (47 Hrs)

All students must earn a grade of "C" (2.0) or better in Core Requirements: Advanced Level.

Engineering Requirements (6 Hrs)

- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**

Materials Science and Engineering Requirements (41 Hrs)

- EMA 3000 - Engineering Polymeric Materials **Credit Hours: 3**
- EMA 3012C - Experimental Techniques in Materials I **Credit Hours: 3**
- EMA 3124 - Design and Selection of Materials **Credit Hours: 3**
- EMA 4513 - Structures of Materials **Credit Hours: 3**
- EMA 3102 - Thermodynamics of Materials **Credit Hours: 3**
- EMA 4125 - Phase Transformations and Microstructural Development in Materials **Credit Hours: 3**
- EMA 4307 - Kinetics of Materials **Credit Hours: 3**
- EMA 4223 - Fundamentals of Mechanical Behavior of Materials **Credit Hours: 3**
- EMA 4413 - Fundamentals of Electronic Materials **Credit Hours: 3**
- EMA 4013C - Experimental Techniques in Materials II **Credit Hours: 3**
- EMA 4009 - Materials in Society **Credit Hours: 2**
- EMA 4115 - Transport Phenomena in Materials **Credit Hours: 3**
- EMA 4602C - Materials Processing Lab **Credit Hours: 3**

Select 1 (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**

Restricted Electives (6 Hrs)

- All students must earn a grade of "C" (2.0) or Better in Restricted Electives.
- 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.

Capstone Requirements (6 Hrs)

- 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.
- EMA 4915 - Materials Senior Design I **Credit Hours: 3**
- EMA 4916 - Materials Senior Design II **Credit Hours: 3**

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
- 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 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 <http://mse.ucf.edu/undergraduate-program/>

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.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 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 **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 **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**
Technical Elective **Credit Hours: 3**
Technical Elective **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**

Minor

Materials Science and Engineering Minor

College of Engineering and Computer Science
Department of Materials Science and Engineering

Dr. Linan An, Linan.An@ucf.edu

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

Required Courses (9 Credit Hours)

- EMA 3124 - Design and Selection of Materials
Credit Hours: 3
- EMA 3102 - Thermodynamics of Materials
Credit Hours: 3

Select One: (3 Credit Hours)

- EGN 3365 - Structure and Properties of Materials
Credit Hours: 3
- EMA 3706 - Structure and Properties of Aerospace Materials **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select one of the following courses: (3 Credit Hours)

On properties of materials

- PHZ 3422 - Nanophysics **Credit Hours: 3**
- EMA 4223 - Fundamentals of Mechanical Behavior of Materials **Credit Hours: 3**
- PHZ 4404 - Solid State Physics **Credit Hours: 3**
- EMA 4413 - Fundamentals of Electronic Materials **Credit Hours: 3**
- PHY 4445 - Lasers **Credit Hours: 3**
- OSE 4520 - Laser Engineering **Credit Hours: 3**
- EMA 5104 - Intermediate Structure and Properties of Materials **Credit Hours: 3**
- EMA 5415 - Electronic Principles of Materials Properties **Credit Hours: 3**

Select one of the following courses: (3 Credit Hours)

On applications of materials

- EMA 3000 - Engineering Polymeric Materials **Credit Hours: 3**
- EMA 3014 - Nanomaterials Characterization and Applications **Credit Hours: 3**
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEE 4463 - MEMS Devices and Applications **Credit Hours: 3**
- EMA 4506 - Emerging Materials **Credit Hours: 3**
- PCB 4521 - Tissue Engineering **Credit Hours: 3**
- EMA 5060 - Polymer Science and Engineering **Credit Hours: 3**
- EMA 5140 - Introduction to Ceramic Materials **Credit Hours: 3**
- EMA 5584 - Biomaterials **Credit Hours: 3**
- EMA 5585 - Materials Science of Thin Films **Credit Hours: 3**
- EMA 5705 - High Temperature Materials **Credit Hours: 3**

Select one of the following courses: (3 Credit Hours)

On materials processing, testing and characterization

- EMA 3012C - Experimental Techniques in Materials I **Credit Hours: 3**
- EMA 3691 - Nanomaterials Process Engineering **Credit Hours: 3**
- PCB 4174 - Foundation of Bio-Imaging Science **Credit Hours: 3**
- EMA 4503 - Materials Characterization Techniques **Credit Hours: 3**
- PHY 4803L - Advanced Physics Laboratory **Credit Hours: 3**

Foreign Language Requirements

- None

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.

Department of Mechanical and Aerospace Engineering

Chair: Yoav Peles

ENG1 307; 407-823-2416; Fax: 407-823-0208

Faculty: Ahmed, Bai, Bhattacharya, Challapalli, Chen, Cho, Choi, Chow, Das, Dickerson, Elgohary, Fu, Ghosh, Gordon, Gou, Huang, Ilegbusi, Kapat, Kassab, Kauffman, Kinzel, Kumar, Kwok, Lin, Mansy, Nader, Orlovskaya, Ozbay, Pal, Peles, Perotti, Putnam, Raghavan, Song, Steiner, Steward, Stresau, Tian, Vasu, Viana, Wu, Xu

The Department of Mechanical and Aerospace Engineering offers baccalaureate degrees in Aerospace Engineering (BSAE) and Mechanical Engineering (BSME).

The Aerospace Engineering program is designed to provide a broad-based foundation in aeronautics and astronautics, including topics such as aerospace materials and structures, aerodynamics, flight mechanics, control, and propulsion.

The Mechanical Engineering program is designed to provide a broad-based foundation in mechanical systems and thermo-fluids, including topics such as structures and properties of materials, thermodynamics, solid mechanics, vibrations and control, CAD/CAE, fluid mechanics, and heat transfer.

Both programs seek to convey an understanding of the fundamental principles of science and engineering, to stimulate curiosity and creativity, to provide hands-on experiences in laboratories, and to prepare students for successful careers. The design experience begins in the freshman engineering courses and grows throughout the curricula with increased emphasis on student creativity, open-ended problems, materials selection, design methodology, feasibility considerations, alternative solutions, and design optimization which culminates in the

senior capstone design courses. The engineering analysis and the communication of ideas via written reports and oral presentations in a team environment are part of the design experiences throughout the programs.

Mission: Aerospace Engineering

In support of the University and College, the mission of the Aerospace Engineering program is to provide the highest quality engineering education through cooperative efforts with regional aerospace industry and to propagate methods for design, analysis, and implementation of the principles and practices particular to the aerospace engineering field. Our graduates will be educated to be competitive in their role as aerospace engineers in society and will have an awareness of ethical, environmental, economic, safety, and quality issues. They will be supplied with skills necessary to achieve life-long learning and to pursue their personal and professional development upon completing the program. Through these characteristics our graduates will be able to rise to positions of prominence in the technical society of tomorrow.

Program Educational Objectives

1. Graduates will meet the expectations of employers of aerospace engineers.
2. Graduates will undertake leadership roles in their communities and/or professions.
3. Qualified graduates will pursue advanced study, if they so desire.

Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. An ability to communicate effectively with a range of audiences.
4. 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. 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. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. An ability to use technique, skills, and modern engineering tools necessary for engineering practice.

Mission: Mechanical Engineering

In support of the University and College, the mission of the Mechanical Engineering program is to provide the highest quality engineering education through cooperative efforts with regional industry and to propagate methods for the design, analysis, and implementation of the principles and practices particular to the mechanical engineering field. Our graduates will be educated to be competitive in their role as mechanical engineers in society and will have an awareness of ethical, environmental, economic, safety, and quality issues. They will be supplied with skills necessary to achieve life-long learning and to pursue their personal and professional development upon completing the program. Through these characteristics our graduates will be able to rise to positions of prominence in the technical society of tomorrow.

Program Educational Objectives

1. Graduates will meet the expectations of employers of mechanical engineers.
2. Graduates will undertake leadership roles in their communities and/or professions.
3. Qualified graduates will pursue advanced study, if they so desire.

Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. 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. An ability to communicate effectively with a range of audiences.
4. 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. 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. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
8. An ability to use technique, skills, and modern engineering tools necessary for engineering practice.

Department Policy for Double Degree in Mechanical and Aerospace Engineering

The faculty of the Mechanical and Aerospace Engineering Department believe that a double degree from the department should reflect a significant achievement and a significant increase in knowledge and formal coursework above the requirements for a single degree. Any undergraduate in Mechanical and Aerospace Engineering desiring to obtain a double degree shall meet the following requirements.

- The student shall meet all major requirements for each degree.
- Additional 22 credit hours beyond the major courses for the double degree should be upper level engineering related course work approved by the department.
- The same catalog year must be used for both degrees.
- The student must have a minimum of 150 credit hours.

Additional notes:

- The extra hours represent at least one additional semester of full time enrollment.
- All majors completed will be indicated on the student's transcript.

Aerospace Engineering Major Pursuing Mechanical Engineering Additional Degree

Students will need to complete a minimum of 150 credit hours which will include the 22 additional hours to earn a Bachelor of Science Mechanical Engineering degree in addition to the Bachelor of Science Aerospace Engineering degree. The additional courses are: Must take EML 3500 - Design and Analysis of Machine Components. Must select 2 courses from the following 5 options: EML 3101 - Thermodynamics of Mechanical Systems (3hrs) or EML 4504 - Design & Analysis of Machine Components II (3hrs), or EML 4313 - Intermediate System Dynamics and Controls (3hrs), or EML 4143 - Heat Transfer II (3hrs),

or EML 4703 - Fluid Mechanics II (3hrs). Must select 1 course from the following 2 options: EML 4306C - Energy Systems Laboratory (3hrs), or EML 4301C - Mechanical Systems Laboratory (3hrs) and complete 10 credit hours of Approved Departmental Technical Electives.

Mechanical Engineering Major Pursuing Aerospace Engineering Additional Degree

Students will need to complete a minimum of 150 credit hours which will include the 22 additional hours to earn a Bachelor of Science Aerospace Engineering degree in addition to the Bachelor of Science Mechanical Engineering degree. The additional courses are: EAS 3101 - Fundamentals of Aerodynamics (3hrs), EAS 3810C - Design of Aerospace Experiments (3hrs), EAS 4200 - Analysis & Design of Aerospace Structures (3hrs), EAS 4105 - Flight Mechanics (3hrs), EAS 4134 - High-Speed Aerodynamics (3hrs), EAS 4300 - Aerothermodynamics of Propulsion Systems (3hrs) and 4 credit hours of Approved Departmental Technical Electives.

Major

Aerospace Engineering (B.S.A.E.)

**College of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering 1, Room: 381**
<http://www.mae.ucf.edu>
Email: MAEadvising@ucf.edu

Dr. Hyoungh Jin "Joe" Cho, hjcho@ucf.edu, 407-823-5448
Lynn Grabenhorst, Lynn.Grabenhorst@ucf.edu, 407-823-5448
Phone: 407-823-5448

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: Section 2: Common Program Pre-requisites (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 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 and 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 Program (GEP) (38 Credit Hours)

- 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 (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** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)

Cultural & Historical Foundations (9 Credit Hours)

- Select two classes 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)
- or
- 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 (Suggested)
- Select one class from Science Foundations
Credit Hours: 3

Common Program Prerequisites (CPP) (19 hrs)

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.

- 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 of the following sequences of courses:

- CHS 1440 - Principles of Chemistry **Credit Hours: 4** (Preferred course)

or- First alternative: Select all of the following: (6 Credit Hours)

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

or- Second alternative

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (2 Credit Hours)

The College of Engineering and Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the core requirements listed in section 4, the 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.

- All students must earn a grade of "C" (2.0) or Better in Core Requirements: Basic Level.
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (54 Credit Hours)

All students must earn a grade of "C" (2.0) or Better in Core Requirements: Advanced Level.

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EMA 3706 - Structure and Properties of Aerospace Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)

- EAS 3101 - Fundamentals of Aerodynamics
Credit Hours: 3
- EAS 3800C - Aerospace Engineering Measurements **Credit Hours: 3**
- EAS 3810C - Design of Aerospace Experiments
Credit Hours: 3
- EAS 4105 - Flight Mechanics **Credit Hours: 3**
- EAS 4134 - High-Speed Aerodynamics **Credit Hours: 3**
- EAS 4300 - Aerothermodynamics of Propulsion Systems **Credit Hours: 3**
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics
Credit Hours: 3
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- EAS 4200 - Analysis & Design of Aerospace Structures **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- All students must earn a grade of "C" (2.0) or Better in Restricted Electives.
- Technical electives are available in the BSAE program to address specific student interests in a variety of technical areas. Students must consult with their assigned academic advisor for a list of the approved technical electives and the semesters when specific courses of this type are to be offered.
<http://mae.ucf.edu/advising/undergraduate-forms/>

Capstone Requirements (6 Credit Hours)

- 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.
- EAS 4700C - Aerospace Design I **Credit Hours: 3**

- EAS 4710C - Aerospace Design II **Credit Hours: 3**

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.

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.

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 <http://mae.ucf.edu/bachelor-of-science-in-aerospace-engineering/>

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 freshman students only. The two credit hours for these courses will be substituted by an approved Aerospace Engineering Elective for transfer students.

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)

- 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)

¹ Preferred

- CHS 1440 - Principles of Chemistry **Credit Hours: 4** ¹
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

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**

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)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EMA 3706 - Structure and Properties of Aerospace Materials **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **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**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EAS 3800C - Aerospace Engineering Measurements **Credit Hours: 3**
- EAS 3933 - Aerospace Career and Academic Faculty Advising I **Credit Hours: 0**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- EAS 4200 - Analysis & Design of Aerospace Structures **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EAS 3101 - Fundamentals of Aerodynamics
Credit Hours: 3
- EAS 3810C - Design of Aerospace Experiments
Credit Hours: 3
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EAS 4105 - Flight Mechanics **Credit Hours: 3**
- EAS 4134 - High-Speed Aerodynamics **Credit Hours: 3**
- EAS 4931 - Aerospace Career and Academic Faculty Advising II **Credit Hours: 0**
- EAS 4700C - Aerospace Design I **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EAS 4300 - Aerothermodynamics of Propulsion Systems **Credit Hours: 3**
- EAS 4710C - Aerospace Design II **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**
- Upper Division Elective **Credit Hours: 3**

Mechanical Engineering (B.S.M.E.)

College of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering I, Room: 381
<http://www.mae.ucf.edu>
Email: MAEadvising@ucf.edu

Dr. Hyoungh Jin "Joe" Cho, hjcho@ucf.edu, 407-823-5448
Lynn Grabenhorst, Lynn.Grabenhorst@ucf.edu, 407-823-5448
Phone: 407-823-5448

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: Section 2: Common Program Pre-requisites (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 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 and 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 Program (GEP) (38 Credit Hours)

- 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 (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** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)

Cultural & 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)
or
- 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**
- Select one class 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. 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.

- 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 of the following sequences of courses:

Preferred course

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**

or- First alternative: Select all of the following: (6 Credit Hours)

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

or- Second alternative

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (2 Credit Hours)

Required Courses: Basic (2 Credit Hours)

The College of Engineering and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

All students must earn a grade of "C" (2.0) or better in Core Requirements: Advanced Level.

Required Courses: Advanced (39 Credit Hours)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3 (GEP)**
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 3500 - Design and Analysis of Machine Components **Credit Hours: 3**

Select Two of the Following: (6 Credit Hours)

- EML 3101 - Thermodynamics of Mechanical Systems **Credit Hours: 3**
- 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**
- EML 4504 - Design & Analysis of Machine Components II **Credit Hours: 3**

Select One of the Following: (3 Credit Hours)

- EML 4301C - Mechanical Systems Laboratory
Credit Hours: 3
- EML 4306C - Energy Systems Laboratory
Credit Hours: 3

Restricted Electives (15 Credit Hours)

- All students must earn a grade of "C" (2.0) or Better in Restricted Electives.
- Technical electives are available in the BSME 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.

Capstone Requirements (6 Credit Hours)

- 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.
- EML 4501C - Engineering Design I **Credit Hours: 3**
- EML 4502C - Engineering Design II **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

- 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

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 <http://mae.ucf.edu/bachelor-of-science-in-mechanical-engineering/>

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.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)

- 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)

¹ Must take CHM 2041 to complete the sequence

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**¹

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 **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)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- 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 **Credit Hours: 4**

Sophomore Year - Spring (12 Credit Hours)

- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **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 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- GEP **Credit Hours: 3**
- EML 3933 - Mechanical Career and Academic Faculty Advising I **Credit Hours: 0**
- EML 3500 - Design and Analysis of Machine Components **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**
- Upper Division Elective **Credit Hours: 3**
- Upper Division 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**
- Upper Division Elective **Credit Hours: 3**
- Upper Division 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**
- Upper Division 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**

Accelerated Undergraduate- Graduate Program

Aerospace Engineering (B.S.A.E. /M.S.A.E., M.S.M.E. or M.S.BM.E)

College of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering, Room: 381
<http://www.mae.ucf.edu>
Email: MAEadvising@ucf.edu

Dr. Jihua Gou, jihua.gou@ucf.edu, 407-823-5448
Ms. Amanda Barratt, Amanda.Barratt@ucf.edu, 407-823-5448
Phone: 407-823-5448

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 Pre-requisites (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 Program (GEP) (38 Credit Hours)

- See Aerospace Engineering (B.S.A.E.) in catalog for GEP requirements.

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (19 Credit Hours)

- See Aerospace Engineering (B.S.A.E.) in the catalog for the CPP requirements.

Core Requirements: Basic Level (2 Credit Hours)

The College of Engineering and 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.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (54 Credit Hours)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EMA 3706 - Structure and Properties of Aerospace Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- EAS 3101 - Fundamentals of Aerodynamics **Credit Hours: 3**
- EAS 3800C - Aerospace Engineering Measurements **Credit Hours: 3**
- EAS 3810C - Design of Aerospace Experiments **Credit Hours: 3**
- EAS 4105 - Flight Mechanics **Credit Hours: 3**
- EAS 4134 - High-Speed Aerodynamics **Credit Hours: 3**
- EAS 4300 - Aerothermodynamics of Propulsion Systems **Credit Hours: 3**
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EAS 4200 - Analysis & Design of Aerospace Structures **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- 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 Credit Hours)

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.

- EAS 4700C - Aerospace Design I **Credit Hours: 3**
- EAS 4710C - Aerospace Design II **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

- 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

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 <http://mae.ucf.edu/bachelor-of-science-in-aerospace-engineering/>

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

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 of Engineering and Computer Science
Department of Mechanical and Aerospace Engineering,
Engineering, Room: 381
<http://www.mae.ucf.edu>

Email: MAEAdvising@ucf.edu
Dr. Jihua Gou, jihua.gou@ucf.edu, 407-823-5448
Ms. Amanda Barratt, Amanda.Barratt@ucf.edu, 407-823-5448
Phone: 407-823-5448

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 Pre-requisites (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 Program (GEP) (38 Credit Hours)

- See Mechanical Engineering (B.S.M.E.) in the Catalog for track specific GEP requirements

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

Social Foundations (6 Credit Hours)

Science Foundations (7 Credit Hours)

Common Program Prerequisites (CPP) (19 Credit Hours)

- 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.

Core Requirements: Basic Level (2 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Core Requirements: Advanced Level (48 Credit Hours)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 3500 - Design and Analysis of Machine Components **Credit Hours: 3**

Select Two of the Following: (6 Credit Hours)

- EML 3101 - Thermodynamics of Mechanical Systems **Credit Hours: 3**
- 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**
- EML 4504 - Design & Analysis of Machine Components II **Credit Hours: 3**

Select One of the Following: (3 Credit Hours)

- EML 4301C - Mechanical Systems Laboratory **Credit Hours: 3**
- EML 4306C - Energy Systems Laboratory **Credit Hours: 3**

Restricted Electives

Approved Electives (15 Credit Hours)

- 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 Credit Hours)

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.

- EML 4501C - Engineering Design I **Credit Hours: 3**
- EML 4502C - Engineering Design II **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

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum of a 2.25 GPA in major courses in 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 <http://mae.ucf.edu/bachelor-of-science-in-mechanical-engineering/>

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Reserve Officer Training Corp: Air Force ROTC

Chair: Colonel Paul Bellione
Classroom II/ROTC, Room 221; 407-823-1247, Fax: 407-823-2265

Faculty/Staff: Maj. Richard Nova, Capt. Dexter Brown, Capt. Katie Wallace, First Lieutenant Gregory McPhillips, Technical Sergeant Cali Anthony, Staff Sergeant Marlon Marrero Melendez, and Mrs. Ellen McDade, Office Manager

The Department of Aerospace Studies provides pre-commissioning leadership training and education for

qualified students who desire to serve as commissioned officers in the Air Force. Currently, AFROTC primarily commissions officers for Active Duty with very limited Reserve commissioning opportunities. The department offers three, three and a half, and four-year programs. Students enrolled in SECAF qualified technical and non-technical majors are permitted five years to complete the AFROTC program. AFROTC students participate in mandatory classroom academics, leadership laboratory, and physical conditioning from the start of AFROTC until graduation/commissioning. The Department of Aerospace Studies also offers a "Cross-Town" program allowing local community college students to begin the Air Force ROTC program while dual enrolled in a designated college for their undergraduate degree classes and at UCF as a non-degree seeking student for their Air Force ROTC class and activities. All programs offer scholarship opportunities for qualified students. The Air Force retains sole discretion on whether or not any applicant is qualified for enrollment in pre-commissioning education through the Air Force ROTC program. Enrollment in the program does not guarantee completion or a commission. Students are invited to write or visit the Department of Aerospace Studies to obtain additional information. More information can be found on the UCF AFROTC home page at <http://airforce.ucf.edu> or at <http://www.afrotc.com>. This information is always subject to change and is based on current guidance from HQ.

Curriculum

Students enrolled in the Air Force ROTC program may major in any academic discipline and earn a minor in Aerospace Studies. A major is not offered by this department. AFROTC courses are listed under the prefix AFR. The curriculum is divided into two phases:

1. General Military Course (GMC)
The General Military Course is designed to give students their first exposure to the Reserve Officer Training Corps program during their freshman and sophomore years. The courses deal with the mission, organization, and structure of the US Air Force, and the development of air, space, and cyber power into a prime element of American national security. Full or partial GMC credit for prior service, and other past experiences are not guaranteed and are granted on a case-by-case by the Professor of Aerospace Studies.
2. Professional Officer Course (POC)
The Professional Officer Course is designed to develop and hone managerial and officer skills during a cadet's junior and senior years. All cadets who seek a commission through the Air

Force ROTC must complete the 2-year POC curriculum. The curriculum involves the study of concepts of leadership and management in the Air Force and an analysis of the formulation and implementation of American defense policy.

Requirements for entry into the POC:

- Be at least 17 years of age at the time of entry.
- Be a U.S. citizen. Dual citizens must be willing to renounce other Non-US citizenship, if requested or if mandatory.
- If entering Flight Training, complete the POC and all degree requirements prior to reaching age 29, or
- If entering a non-flying Air Force specialty, complete the POC and all degree requirements before age 39 (waiverable to age 42).
- Pass the Air Force Officer Qualifying Test (AFOQT).
- Pass an Air Force medical examination (DoDMERB).
- Pass the Air Force Physical Fitness Assessment (PFA) and meet Air Force BMI criteria.
- Have a cumulative GPA of 2.0 or higher.
- Be selected by the Professor of Aerospace Studies.
- Successfully complete a summer Field Training course.
- Qualify to contract (enlist) in the United States Obligated Reserve. Section (ORS) to certify agreement to complete the POC and to accept an Air Force Commission, if offered. This contract (enlistment) is terminated upon acceptance of a commission.

Leadership Laboratory

Leadership Laboratory is an AFROTC-only required lab that must be taken in conjunction with the academic class. Leadership Laboratory is only open to students who are members of the Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Professor of Aerospace Studies.

Physical Conditioning

In addition to attending Leadership Laboratory, students enrolled in the Air Force ROTC program must also participate in physical conditioning. Physical conditioning is conducted on the UCF campus at least three days each week.

Air Force ROTC Scholarship Program

Scholarships are competitively awarded and typically vary from two to four years. Depending on state residency status and credit hour load, scholarships may provide for full tuition and fees. Air Force ROTC scholarships do not provide funds for room and board expenses, and certain grants or other college funding programs may reduce or eliminate available AFROTC scholarship payments. This information is always subject to change and is based on current guidance from HQ.

Monetary Allowance

All scholarship and contract cadets receive a monthly, tax-free monetary allowance (stipend) and an annual textbook allowance. The stipend amount is based on the students' academic classification. See <http://www.afrotc.com> for current rates.

Summer Training

All students must complete a summer Field Training (FT) course conducted at Maxwell Air Force Base in Montgomery, AL. FT typically occurs between a cadet's sophomore and junior years, prior to their enrollment in the POC. The course is generally 13 days in length. The curriculum at FT includes junior officer training, officer career orientation, physical conditioning, and training for operations in austere forward deployed locations.

Officer Commissioning

Students who complete the POC are appointed as Second Lieutenants in the United States Air Force. After completing the training program and entering active duty, they serve a minimum active duty tour which varies in length depending on their particular career area. Obligations are explained by detachment officers in detail during one-on-one counseling sessions conducted with each candidate.

Minor

Aerospace Studies Minor

**College of Engineering and Computer Science
Air Force ROTC, Classroom Building 2, Room: 221**

Colonel Paul Bellione
Phone: 407-823-1247

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

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.

Reserve Officer Training Corp: Army ROTC

Chair: LTC Christopher DeRuyter

Classroom II/ROTC Room 321; 407-823-2430; Fax: 407-823-5324

<http://army.ucf.edu>

Faculty/Staff: LTC Bartholomew, MSG Vongkoth, MAJ McCraney, CPT Henderson, CPT Novak, SFC Gomez, SFC Robinson, SFC Cubas, SSG Bobier, John Gano, Reinaldo Morales, Lisa French, Fernando Tubens, Aaron Williams, Sharla Pringle, and Mary Moss

The University of Central Florida, in cooperation with the US Army, provides students an opportunity to earn a commission as a Second Lieutenant after graduation and compete for an active duty assignment or accept a guaranteed Army Reserve or National Guard position. The program offers two, three, and four-year options for students working on their Baccalaureate or Graduate degrees. The four-year option requires completion of one military science course and a leadership laboratory that must be taken in conjunction with the academic class every semester. The three-year option allows students with a least three academic years remaining to complete their degrees to meet all requirements for commissioning by compressing the Basic Course into one year. The two-year option allows students with at least two academic years remaining to complete their degrees to meet all requirements for commissioning by receiving placement credit for the first two years (Basic Course) and completing the last two years (Advanced Course). Students may be eligible for the Army's Simultaneous Membership Program (SMP) which combines Reserve Forces Duty with Army ROTC officer training courses on campus. Note: The Army retains sole discretion - in accordance with public law and military regulation - regarding whether or not any applicant is qualified for pre-commissioning education through Army ROTC. More information on the AROTC program can be found on the AROTC Department home page:

<http://army.ucf.edu>.

Curriculum

The Military Science curriculum is designed to develop students' leadership potential and improve students' planning, organizational, and managerial skills. The on-campus curriculum is divided into two phases: Basic Military Science Course and Advanced Military Science Course.

1. Basic Military Science

A. The Basic Military Science Course consists of four semesters of classroom instruction of one hour each week and a two hours leadership lab. Students incur no military commitment by participating in the Basic Course, unless they qualify and choose to contract as a scholarship or non-scholarship student. These courses address military organizations, equipment, weapons, map reading, land navigation, management skills, grade structure, communications and leadership. There are non-contractual obligations or commitments for students in the Basic course phase. The Basic Course phase offers students the opportunity to see what Army ROTC is all about (MSL 1001C, MSL 1002C, MSL 2101C, MSL 2102C). Students will also participate in a Leadership Development Training Exercise (LDTX). These general elective courses are normally taken during the freshman and sophomore years and fulfill pre-requisite requirements for entering the Advanced Military Science phase.

B. Requisites for admission to the Basic Course:

- Enrollment in a Baccalaureate or Master's degree program
- Full-time student status

2. Advanced Military Science

A. The Advanced Military Science courses (MSL 3201C, MSL 3202C, MSL 4301C, MSL 4302C) consists of four semesters of classroom instruction of two hours each week and a two hour leadership lab that are taken during the junior and senior years. These courses specialize in small unit tactics, how to prepare and conduct military training, military justice system, staff procedures, decision making and

leadership. Students desiring to enroll in the Advanced Military Science courses must be willing to pursue a commission as a Second Lieutenant and must meet pre-requisite requirements to contract and must obtain permission from the department chair (Professor of Military Science) through an interview process, prior to participating in the advanced course. They must also successfully complete a 36-day Advanced Camp at Fort Knox, Kentucky, normally between their junior and senior years.

B. Requisites for Admission to the Advanced Course:

- Successful completion of Basic Course or placement credit.
- Must be at least 17 years of age at the time of entry but not more than 31 years of age at the time of commissioning (31-year age regulation may be waived for veterans up to age 34).
- Successful completion of an Army physical examination.
- Agreement to complete the Advanced Course requirements and serve on either Active, Reserve, or National Guard duty as a commissioned officer.
- Full-time undergraduate student status (minimum of 12 hours); full-time graduate student status (minimum six hours).
- US Citizen.
- A minimum cumulative GPA of 2.8 is required for STEMS and 3.2 for any other majors is required to contract as a non-scholarship cadet, and a minimum cumulative GPA of 3.0 is required for scholarship consideration.

3. Monetary Allowance

All contracted and scholarship students enrolled in the Basic and Advanced Military Science Courses receive a tax-free monthly stipend of \$420 during school year.

4. Scholarships
Four, three and two-year scholarships are available for all students who qualify on a competitive basis. These scholarships provide full tuition and fees or room and board not to exceed \$10,000 and \$1,200 annually for books. In addition, all contracted scholarship students also receive the monthly stipend during the school year. Contact the Enrollment Officer for additional information at 407-823-2649.
5. Placement Credit
Placement credit for the Basic Course can be offered to students with prior service, 4 years of Junior ROTC, or completion of the Leaders Training Course (see below). Placement credit for prior service is extended to include Active duty, Reserve Forces and National Guard. Although prior service and Junior ROTC waives the Basic Course, a student that qualifies for placement credit may elect to enroll in the Basic Course.

Summer Training Courses

1. Basic Camp Summer Training
Under the two year option, a student can earn placement credit for the Basic Course by attending a 31-day course at Fort Knox, Kentucky. Students attending the summer camp receive approximately \$985.00 pay. Additionally, all lodging, meals and transportation are furnished. Uniforms will be provided at no expense to the student.
2. Specialized Summer Training Courses
Qualified students can be selected to attend specialized military training occurring the summer months. These areas of training include: a) Airborne Training; b) Air Assault Training; c) Northern Warfare Training; d) Cadet Troop Leadership Training; and e) Mountain Training.
3. Advanced Camp
All Advanced Course students must attend and successfully pass a five-week camp conducted at Fort Knox, Kentucky, prior to receiving a commission as an Army Officer. This camp evaluates a student's leadership performance and potential. Advanced Camp waives the 9-hour summer school requirement for Army ROTC Cadets. Students normally attend Advanced Camp the summer following their junior year and receive approximately \$1300 pay for the training.

Minor

Military Science Minor

**College of Engineering and Computer Science
Army ROTC, Classroom Building 2, Room: 321**

LTC Christopher DeRuyter
Phone: 407-823-1872

Minor Admission Requirements

- Interview with 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.

Prerequisite Courses

Military Science Prerequisites (8 Credit Hours)

- MSL 1001C - Foundations of Officership **Credit Hours: 2**
- MSL 1002C - Basic Leadership **Credit Hours: 2**
- MSL 2101C - Individual Leadership Studies **Credit Hours: 2**
- MSL 2102C - Leadership and Teamwork **Credit Hours: 2**

Required Courses (16 Credit Hours)

- MSL 3201C - Leadership and Problem Solving **Credit Hours: 4**

- MSL 3202C - Leadership and Ethics **Credit Hours: 4**
- MSL 4301C - Leadership and Management **Credit Hours: 4**
- MSL 4302C - Officership **Credit Hours: 4**

Restricted Electives (3 Credit Hours)

Select one of the following (3 Credit Hours)

- AMH 3541 - U. S. Military History To 1900 **Credit Hours: 3**
- AMH 3547 - U.S. Military History Since 1900 **Credit Hours: 3**

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.

College of Health Professions and Sciences

Interim Dean: Jeffrey Stout

HPA1 365, 407-823-0171

<https://healthprofessions.ucf.edu/>

Interim Assistant Dean, Undergraduate Affairs: Denise Gammonley

HPA1 365; 407-823-0171

Interim Assistant Dean, Faculty Excellence and Graduate and Global Affairs: Linda Rosa-Lugo

HPA1 365, 407-823-0171

Interim Associate Dean of Research: Jennifer Kent-Walsh

HPA1 365; 407-823-0171

Interim Associate Dean of Clinical Affairs: Bari Hoffman Ruddy

HPA1 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 program.

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

Academic Advisement

Office of Undergraduate Affairs

Director: Andrea Small

HPA2 115, 407-823-0010

Email: CHPSundergrad@ucf.edu

Website: <https://healthprofessions.ucf.edu/undergraduate/>

The College of Health Professions and Sciences (CHPS) Office of Undergraduate Affairs 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 are available through the CHPS Success Program 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: <http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click [here](#). All Undergraduate programs for the College of Health Professions and Sciences are listed below.

Department of Health Sciences

Interim Chair: Suha Saleh
HPA1 268; 407-823-6761

<https://healthprofessions.ucf.edu/healthsciences/>

Faculty: Ferdowsi, Lee, Lopez Castillo, Rovito, Saleh, Schulz, Webster, Worrell

The Department of Health Sciences offers a baccalaureate program in Health Sciences with two academic tracks: Pre-Clinical and Health Promotion Track, and a minor in Health Sciences.

Baccalaureate in Health Sciences

The Bachelor of Science degree in Health Sciences is designed for students with interest in human health leading to graduate study or career advancement. This degree is designed to provide 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 in health professions including, but not limited to: medicine, pharmacy, physical therapy, physician assistant, athletic training and occupational therapy. The flexibility of this program allows students to prepare for multiple careers in health sciences.

Minor in Health Sciences

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 discipline.

Major

Health Sciences, Health Promotion Track (B.S.)

College of Health Professions and Sciences
Department of Health Sciences,
Health and Public Affairs I, Room: 124
<https://healthprofessions.ucf.edu/healthsciences/>

Dr. Suha Saleh, hsinfo@ucf.edu 407-823-0946

The Bachelor of Science degree in Health Sciences is designed for students with interest in human health leading to graduate study or career advancement. The Health Promotion Track is designed to provide the 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, physician assistant, occupational therapy, public health, and nutrition. The flexibility of this program allows students to prepare for multiple careers in health sciences.

Admission Requirements

- None

Degree Requirements

- Students who change programs and select this major must adopt the most current catalog.
- The courses designated in GEP and CPP below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- 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 2.5 overall GPA for graduation.

General Education Program (GEP) (38 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)

General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**

General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

- 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)

Mathematical Foundations (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- MAC 1114C - College Trigonometry **Credit Hours: 3** (Preferred)
- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (Suggested)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (Suggested)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Suggested)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (24 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**

Select One:

- MAC 1114C - College Trigonometry **Credit Hours: 3** (GEP)
- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (GEP)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (GEP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)

Complete one physics sequence

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
OR
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (6 Credit Hours)

- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**

Select One: (3 Credit Hours)

- HSC 2524 - Introduction to Human Disease **Credit Hours: 3**
- HSC 2000 - Introduction to Careers in Health Professions **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**

Core Requirements: Advanced Level (24 Credit Hours)

- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- HSC 3211 - Preventive Health Care **Credit Hours: 3**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**
- HSC 4501 - Epidemiology of Chronic Diseases **Credit Hours: 3**
- HSC 4730 - Applied Health Research Methodology **Credit Hours: 3**
- HSC 4572 - Clinical Nutrition **Credit Hours: 3**
- HSC 4930 - Health Sciences Seminar **Credit Hours: 3**

Restricted Electives (28 Credit Hours)

- 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, physician assistant, occupational therapy, public health, and nutrition.
- 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 below may have additional prerequisite courses required. 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 48 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**

Capstone Requirements

- None

Electives

- Students who transfer in with a Florida College System institution AA degree may need to take upper-level electives to reach the University requirement of 48 semester hours of upper division credit. Students are encouraged to choose from restricted electives 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.
- Students must achieve at least 2.5 overall GPA for 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.

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 application to a graduate program.

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 University graduation requirement of 48 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 hour 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:
http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 1012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- BSC 2011C - Biology II **Credit Hours: 4**

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 (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Select One: (3 Credit Hours)

- HSC 2000 - Introduction to Careers in Health Professions **Credit Hours: 3**
- HSC 2524 - Introduction to Human Disease **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- PCB 3703C - Human Physiology **Credit Hours: 4**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Sophomore Year - Summer (6 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 3211 - Preventive Health Care **Credit Hours: 3**
- HSC 4572 - Clinical Nutrition **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- PHY 2054C - College Physics II **Credit Hours: 4**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**
- HSC 4501 - Epidemiology of Chronic Diseases **Credit Hours: 3**

- HSC 4730 - Applied Health Research Methodology **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- HSC 4930 - Health Sciences Seminar **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Restricted Elective **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Health Sciences, Pre-Clinical Track (B.S.)

College of Health Professions and Sciences
Department of Health Sciences,
Health and Public Affairs I, Room: 124
<https://healthprofessions.ucf.edu/healthsciences/>

Dr. Suha Saleh, hsinfo@ucf.edu 407-823-0946

The Bachelor of Science degree in Health Sciences is designed for students with interest in human health leading to graduate study or career advancement. The Pre-Clinical Track is designed to provide 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 in health professions including but not limited to medicine, pharmacy, dentistry, optometry, physician assistant, and physical therapy. The flexibility of this program allows students to prepare for multiple careers in health sciences.

Admission Requirements

- Students must have a minimum overall GPA of 3.0

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 to get accepted into the Pre-Clinical track.
- Students who select the Pre-Clinical track will be classified as "pending". The program will verify that the students meet the GPA requirements for this track. If requirements are met, the track will be changed to Pre-Clinical.
- The courses designated in GEP and CPP below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- 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 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.

General Education Program (GEP) (38 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)

General Education Program elective from & Historical Foundation, Area 1 to meet Gordon Rule Requirement
Credit Hours: 3

General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1
Credit Hours: 3

Select One: (3 Credit Hours)

- 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)

Mathematical Foundations (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- MAC 1114C - College Trigonometry **Credit Hours: 3** (Preferred)
- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (Suggested)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (Suggested)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Suggested)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (24 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**

Select One:

- MAC 1114C - College Trigonometry **Credit Hours: 3** (GEP)
- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (GEP)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (GEP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)

Complete one physics sequence

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (6 Credit Hours)

- HUN 2201 - Fundamentals of Human Nutrition
Credit Hours: 3

Select One: (3 Credit Hours)

- HSC 2524 - Introduction to Human Disease
Credit Hours: 3
- HSC 2000 - Introduction to Careers in Health Professions **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**

Core Requirements: Advanced Level (24 Credit Hours)

- HSC 3147 - Introduction to Pharmacology
Credit Hours: 3
- HSC 3211 - Preventive Health Care **Credit Hours: 3**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**
- HSC 4501 - Epidemiology of Chronic Diseases
Credit Hours: 3
- HSC 4730 - Applied Health Research Methodology **Credit Hours: 3**
- HSC 4572 - Clinical Nutrition **Credit Hours: 3**
- HSC 4930 - Health Sciences Seminar **Credit Hours: 3**

Restricted Electives (28 Credit Hours)

- 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 physical therapy.
- 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 below may have additional prerequisite courses required. 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 48 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**

Capstone Requirements

- None

Electives

- Students who transfer in with a Florida College System institution AA degree may need to take upper-level electives to reach the University requirement of 48 semester hours of upper division credit. Students are encouraged to choose from restricted electives 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 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
- 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 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 application to a graduate program.

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 University graduation requirement of 48 credit hours of upper division (3000-4000) level credits.

Acceptable Substitutes for Transfer Courses

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- 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 hour 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:
http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 1012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- BSC 2011C - Biology II **Credit Hours: 4**

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 (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Select One: (3 Credit Hours)

- HSC 2000 - Introduction to Careers in Health Professions **Credit Hours: 3**
- HSC 2524 - Introduction to Human Disease **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- PCB 3703C - Human Physiology **Credit Hours: 4**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Sophomore Year - Summer (6 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 3211 - Preventive Health Care **Credit Hours: 3**
- HSC 4572 - Clinical Nutrition **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- PHY 2054C - College Physics II **Credit Hours: 4**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**
- HSC 4501 - Epidemiology of Chronic Diseases **Credit Hours: 3**

- HSC 4730 - Applied Health Research Methodology **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- HSC 4930 - Health Sciences Seminar **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Restricted Elective **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Minor

Health Sciences Minor

College of Health Professions and Sciences
Department of Health Sciences,
Health and Public Affairs I, Room: 267

L. Timothy Worrell, 407-823-5236

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.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Some courses below may have additional prerequisite courses required.

Required Courses (9 Credit Hours)

- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**
- HSC 3211 - Preventive Health Care **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- HSC 2524 - Introduction to Human Disease **Credit Hours: 3**
- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- HSC 4555 - Pathophysiology I **Credit Hours: 3**
- HSC 4558 - Pathophysiology II **Credit Hours: 3**
- HSC 4501 - Epidemiology of Chronic Diseases **Credit Hours: 3**
- HSC 3432 - Occupational Safety for the Health Care Professional **Credit Hours: 3**
- HSC 4572 - Clinical Nutrition **Credit Hours: 3**
- HSC 4730 - Applied Health Research Methodology **Credit Hours: 3**
- HSC 4008 - Professional Development in Health Professions **Credit Hours: 3**
- HSC 4652 - Health Law and Ethics **Credit Hours: 3**
- HSC 3559 - Disabilities in American Society **Credit Hours: 3**
- HSC 4564 - Health Care Needs of the Elderly **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**

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.

School of Communication Sciences and Disorders

Director: Richard Zraick
HPA2 101, 407-823-4798
<https://healthprofessions.ucf.edu/csd/>

Clinic Director: Debra Knox
3280 Progress Drive, Suite 500; 407-882-0468

Faculty: Bislick Wilson, Buchanan, Carnaby, Carson, Coleman, Cosby, Crary, DiNapoli, Dreilinger, Ehren, Engelhoven, Fix, Harrington, Hoffman-Ruddy, Hostetler, Kent-Walsh, Knox, Kong, Matura, Ratusnik, Resnick, Rivers, Rosa-Lugo, Ryalls, Thomas, Towson, Troche, Vanryckeghem, Zraick

The discipline of communication sciences and disorders involves the prevention, evaluation, management, and study of human communication and its disorders. The undergraduate program is preprofessional in nature and reflects the scientific foundations of the discipline. The three primary goals of the undergraduate program are:

1. to provide students with the necessary preparation for graduate study in speech-language pathology, audiology, or related fields such as special education, social work, and health services administration;
2. to provide the necessary background for those who seek careers in health and human services; and
3. to allow those who graduate with a Bachelor's degree required coursework to obtain licensure and employment as a speech-language pathology assistant.

The graduate program prepares speech-language pathologists for work with children and adults experiencing a variety of communication disorders in schools, hospitals, rehabilitation centers, community speech, language and hearing centers, and physician's offices. The graduate program has been accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing

Association since 1986. Students must plan their major or minor in consultation with a school advisor to meet their individual interests and career objectives.

In addition to course work in communication sciences and disorders, the school offers courses in American Sign Language and related topics.

Major

Communication Sciences and Disorders (B.A. or B.S.)

College of Health Professions and Sciences
School of Communication Sciences and Disorders,
Health and Public Affairs II, Room: 101
<http://www.healthprofessions.ucf.edu/csd>
Email: csdundergraduate@ucf.edu

Program Coordinators: Mrs. Therese Coleman and Dr. Jacqueline Towson
Phone: 407-823-4798

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.
- 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

- PHY, PSC, or CHM course listed in Science Foundation, Area 1 **Credit Hours: 3** (Required)
- BSC 1005 - Biological Principles **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP)

Note: Students are encouraged to select science course with PHY or CHM prefix.

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- BSC 1005 - Biological Principles **Credit Hours: 3** (GEP)
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- PHY, PSC or CHM (GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (50 Credit Hours)

Core Requirements (50 Credit Hours)

- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- SPA 3471 - Communication Disorders in Literature and Media **Credit Hours: 3**
- SPA 3101 - Physiological Bases of Speech **Credit Hours: 3**
- SPA 3112 - Basic Phonetics **Credit Hours: 3**
- SPA 3112L - Basic Phonetics Lab **Credit Hours: 1**
- LIN 3716 - Language Development **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**
- SPA 3011 - Speech Science I: Production **Credit Hours: 3**
- SPA 3011L - Speech Production lab **Credit Hours: 1**
- SPA 3104 - Neural Bases of Communication **Credit Hours: 3**
- SPA 3123 - Speech Science II: Perception **Credit Hours: 3**
- SPA 3123L - Speech Perception Lab **Credit Hours: 1**
- SPA 4476 - Speech Disorders Across the Lifespan **Credit Hours: 3**
- SPA 4032 - Audiology **Credit Hours: 3**
- SPA 4478 - Multicultural Aspects of Communication Disorders & Differences **Credit Hours: 3**
- SPA 4400 - Language Disorders Across the Life Span **Credit Hours: 3**
- LIN 3713 - Language Science **Credit Hours: 3**
- SPA 4326 - Hearing Disorders Across the Lifespan **Credit Hours: 3**

Select One: (3 hrs)

- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- EEX 4601 - Introduction to Behavior Management **Credit Hours: 3**

- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- EDF 3303 - Learning Environments and Guidance for Young Children **Credit Hours: 3**
- SPA 3472 - Guidance of Young Children with Communication Disorders **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Statistics Requirement (3 Credit Hours)

- Students have two options for completing this requirement:

Option One:

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP) and
- STA 4163 - Statistical Methods II **Credit Hours: 3**

Option Two:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP) and
- SPA 4803 - Research Methods in Communication Sciences and Disorders **Credit Hours: 3**
or
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP) and
 - SPA 4803 - Research Methods in Communication Sciences and Disorders **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- An additional nine credit hours of upper division course work in Communication Sciences and Disorders selected from a list provided in the CSD School or in consultation with a CSD undergraduate advisor.

B.A./B.S. Option (6-8 Credit Hours):

- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year in college (eight credit hours). ASL I and II can also be used to fulfill this requirement.
- Students pursuing the B.S. degree must complete two upper division health sciences courses (six credit hours) approved by the program.

Capstone Requirement (3 Credit Hours)

- SPA 4870C - Capstone Course: **Credit Hours: 3**

Electives (11-13 Credit Hours)

- Students pursuing the B.A. degree can choose 11 credit hours of electives. Students pursuing the B.S. degree can choose 13 credit hours of electives. Select courses that are 2000-level or higher with advisor approval. A minor or certificate is encouraged.

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

- 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
- 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 the undergraduate program coordinator.

Related Programs

- Health Services Administration (B.S.)
- Psychology (B.S.)
- Social Work (B.S.W.)

- Early Childhood Education

Certificates

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.

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 2014C 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:

http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$10 per term
- Full-Time Student: \$20 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- 2000-level or higher Elective **Credit Hours: 3**
- GEP Cultural **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- GEP Social **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

Select One: (3 Credit Hours)

- PHY or CHM Course **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- GEP Communication **Credit Hours: 3**
- SPA 3471 - Communication Disorders in Literature and Media **Credit Hours: 3**
- 2000-level or higher Elective **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**
- GEP Math **Credit Hours: 3**

Sophomore Year - Spring (13-14 Credit Hours)

- Students pursuing the B.A. degree should complete 4 credit hours of foreign language requirement. Students pursuing the B.S. degree should complete 3 credit hours of Health Sciences electives.
- SPA 3112 - Basic Phonetics **Credit Hours: 3**
- SPA 3112L - Basic Phonetics Lab **Credit Hours: 1**
- Foreign Language I (B.A.) **Credit Hours: 4 OR**
- Health Sciences (B.S.) elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- EDF 3303 - Learning Environments and Guidance for Young Children **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 4601 - Introduction to Behavior Management **Credit Hours: 3**
- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- SPA 3472 - Guidance of Young Children with Communication Disorders **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Summer (6-7 Credit Hours)

- Students pursuing the B.A. degree should complete 4 credit hours of foreign language requirement and 2 credit hours of 2000 level or higher electives. Students pursuing the B.S. degree should complete 3 credit hours of Health Sciences electives and 4 credit hours of 2000 level or higher electives.
- **B.A Degree**
- Foreign Language II (B.A.) **Credit Hours: 4**
- 2000-level or higher Electives **Credit Hours: 2**
- **B.S Degree**

- Health Sciences (B.S.) elective **Credit Hours: 3**
- 2000-level or higher Electives **Credit Hours: 4**

Junior Year - Fall (13 Credit Hours)

- SPA 3011 - Speech Science I: Production **Credit Hours: 3**
- SPA 3011L - Speech Production lab **Credit Hours: 1**
- SPA 3101 - Physiological Bases of Speech **Credit Hours: 3**
- LIN 3713 - Language Science **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SPA 3123 - Speech Science II: Perception **Credit Hours: 3**
- SPA 3123L - Speech Perception Lab **Credit Hours: 1**
- SPA 4476 - Speech Disorders Across the Lifespan **Credit Hours: 3**
- SPA 3104 - Neural Bases of Communication **Credit Hours: 3**
- LIN 3716 - Language Development **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**

Senior Year - Fall (15 Credit Hours)

- SPA 4032 - Audiology **Credit Hours: 3**
- SPA 4400 - Language Disorders Across the Life Span **Credit Hours: 3**
- SPA 4478 - Multicultural Aspects of Communication Disorders & Differences **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 4163 - Statistical Methods II **Credit Hours: 3**
- SPA 4803 - Research Methods in Communication Sciences and Disorders **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- SPA 4326 - Hearing Disorders Across the Lifespan **Credit Hours: 3**
- SPA 4870C - Capstone Course: **Credit Hours: 3**
- 2000-level or higher Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Minor

Communication Sciences and Disorders Minor

College of Health Professions and Sciences
School of Communication Sciences and Disorders,
Health and Public Affairs II, Room: 101
<http://www.healthprofessions.ucf.edu/csd>
Email: csdundergraduate@ucf.edu

Program Coordinators: Mrs. Therese Coleman and Dr. Jacqueline Towson
Phone: 407-823-4798

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.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- LIN 3713 - Language Science **Credit Hours: 3**

Required Courses (24 Credit Hours)

- SPA 3471 - Communication Disorders in Literature and Media **Credit Hours: 3**
- SPA 3112 - Basic Phonetics **Credit Hours: 3**
- SPA 3112L - Basic Phonetics Lab **Credit Hours: 1**

- 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 4032 - Audiology **Credit Hours: 3**
- SPA 4400 - Language Disorders Across the Life Span **Credit Hours: 3**
- SPA 4476 - Speech Disorders Across the Lifespan **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.

Certificate

Language Development and Disorders Certificate

College of Health Professions and Sciences
School of Communication Sciences and Disorders,
Health and Public Affairs II, Room: 101
<http://www.healthprofessions.ucf.edu/csd>
Email: csdundergraduate@ucf.edu

Program Coordinators: Mrs. Therese Coleman and Dr. Jacqueline Towson
 Phone: 407-823-4798

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.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses (11 Credit Hours)

- LIN 3713 - Language Science **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**
- LIN 3716 - Language Development **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: 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.

Accelerated Undergraduate- Graduate Program

Communication Sciences and Disorders (B.A. or B.S. / M.A.)

College of Health Professions and Sciences
School of Communication Sciences and Disorders,
Health and Public Affairs II, Room: 101
<http://www.healthprofessions.ucf.edu/csd>
Email: csdundergraduate@ucf.edu

Undergraduate Program Coordinators: Mrs. Therese
Coleman and Dr. Jacqueline Towson
Phone: 407-823-4798

Purpose of this program - This program allows highly
qualified undergraduate majors in communication sciences
and disorders to enroll in 16 credit hours of graduate-level
courses while completing the bachelor's degree. This
enables full-time students to achieve a master's degree in
one to two fewer semesters.

Admission Requirements

- Completion of at least 15 hours of undergraduate
CSD coursework at UCF.
- 3.6 GPA or better in courses in the major.
- A highly competitive GRE score taken within the
past 5 years.
- Completion of an application, including three
letters of recommendation from faculty in the
school, and a letter of intent which indicates
reasons for desiring entrance into the accelerated
program, personal strengths and how they have
been demonstrated, and future goals.
- Students who achieve a "B" or better for all 16
credit hours of graduate course work will be
formally admitted into the master's program in
Communication Sciences and Disorders
following receipt of the bachelor's degree.

Degree Requirements

- None

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit
Hours)

Cultural & Historical Foundations (9
Credit Hours)

Mathematical Foundations (6 Credit
Hours)

- MGF 1106 - Finite Mathematics **Credit Hours:**
3 (Preferred)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit
Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours:**
3 (Required)

Social Foundations (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

- PHY, CHM, or PSC course listed in Science Foundation, Area 1 **Credit Hours: 3** (Required)
- Any BSC course listed in Science Foundation, Area 2 or ANT 2511 **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP)

Note: Students are encouraged to select science course with PHY or CHM prefix.

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- Any BSC course or ANT 2511 (GEP)
- PHY, PSC or CHM (GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (41 Credit Hours)

- SPA 3471 - Communication Disorders in Literature and Media **Credit Hours: 3**
- SPA 3101 - Physiological Bases of Speech **Credit Hours: 3**
- SPA 3112 - Basic Phonetics **Credit Hours: 3**
- SPA 3112L - Basic Phonetics Lab **Credit Hours: 1**

- LIN 3716 - Language Development **Credit Hours: 3**
- SPA 3011 - Speech Science I: Production **Credit Hours: 3**
- SPA 3011L - Speech Production lab **Credit Hours: 1**
- SPA 3104 - Neural Bases of Communication **Credit Hours: 3**
- SPA 3123 - Speech Science II: Perception **Credit Hours: 3**
- SPA 3123L - Speech Perception Lab **Credit Hours: 1**
- SPA 4032 - Audiology **Credit Hours: 3**
- SPA 4326 - Hearing Disorders Across the Lifespan **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**
- LIN 3713 - Language Science **Credit Hours: 3**

Select One: (3 Credit Hours)

- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- EEX 4601 - Introduction to Behavior Management **Credit Hours: 3**
- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- EDF 3303 - Learning Environments and Guidance for Young Children **Credit Hours: 3**
- SPA 3472 - Guidance of Young Children with Communication Disorders **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Statistics Requirement (3-6 Credit Hours)

- Students have two options in completing this requirement:

Option One: (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**

- STA 4163 - Statistical Methods II **Credit Hours: 3**

responsible for meeting the 120 credit hours graduation requirement.

Option Two:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- SPA 6805 - Research in Communicative Disorders **Credit Hours: 3**
or
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- SPA 6805 - Research in Communicative Disorders **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- An additional six credit hours of upper division course work in Communication Sciences and Disorders selected from a list provided in the CSD School or in consultation with a CSD undergraduate advisor.

B.A./B.S. Option (6 -8 Credit Hours):

Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year in college (eight credit hours). ASL I and II can also be used to fulfill this requirement.

Students pursuing the B.S. degree must complete two upper division health sciences courses (six credit hours) approved by the program.

Capstone Requirements

- None

Electives

- Students pursuing the B.A. degree can choose 7-13 credit hours of electives. Students pursuing the B.S. degree can choose 9-15 credit hours of electives. Select courses that are 2000-level or higher with advisor approval. Note: Students are

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. American Sign Language (ASL) can be used to fulfill the foreign language admission requirement.

Graduation

Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year. ASL I and II can be used to fulfill this requirement.

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
- 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

Shared Courses (16 Credit Hours)

- SPA 6204 - Articulation/Phonological Disorders
Credit Hours: 3
- SPA 6410 - Aphasia and Related Disorders
Credit Hours: 3
- SPA 6496 - Language Disorders in Children and Adolescents **Credit Hours: 6**
- SPA 6805 - Research in Communicative Disorders **Credit Hours: 3**
- SPA 6551 - Foundations of Clinical Practice: Level I **Credit Hours: 1**

Additional Information

Honors In Major

- Interested students should contact the undergraduate program coordinator.

Related Programs

- Health Services Administration (B.S.)
- Physical Therapy
- Psychology (B.S.)
- Social Work (B.S.W.)
- Early Childhood Education
- Physical Therapy

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 2014C 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

School of Kinesiology and Physical Therapy

Interim Director: Patrick Pabian

HPA I 226; 407-823-3457

<https://healthprofessions.ucf.edu/kpt/>

Faculty: Beato, Biddle, Dawson, Duke, Dyson, Fisher, Fukuda, Garcia, Gaul, Hanney, Hoffman, Mangum, Neely, Pabian, Plant, Rothschild, Schellhase, Smith, Sonne, Stock, Stout, Tucker, Valdes, Wells

The School of Kinesiology and Physical Therapy includes the Athletic Training Program, Division of Kinesiology (formerly Sport and Exercise Science) and the Division of Physical Therapy. The programs and courses offered in the school prepare students to be professional providers of evidence-based practices in health care settings, sport and exercise science related professionals, and/or researchers in applied exercise physiology. The school has one bachelor's level program: Kinesiology. Students majoring in Kinesiology B.S. can select one of the following tracks: Exercise and Sport Physiology track or Sport and Athletic Coaching track. In addition, the school offers both a Fitness Training and Sport and Athletic Coaching Minor. The School of Kinesiology and Physical Therapy also offers a number of graduate programs and provides graduate courses to prepare students in the areas of Athletic Training, Kinesiology, Physical Therapy and Anatomical Sciences.

Major

Kinesiology, Exercise and Sport Physiology Track (B.S.)

College of Health Professions and Sciences

School of Kinesiology and Physical Therapy
Education Building, Room: 320

Website: <https://healthprofessions.ucf.edu/kpt/kinesiology/bachelors/>

Email: SESadvising@ucf.edu

Dr. David Fukuda, David.Fukuda@ucf.edu

Phone: 407-823-0623

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.

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.
- Have a minimum 2.5 overall GPA.
- Meet the Gordon Rule requirement
- Meet the SUS Foreign Language Admission requirement

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 Program (GEP) (38 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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (Preferred)
- THE 2000 - Theatre Survey **Credit Hours: 3** (Preferred)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- POS 2041 - American National Government **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Preferred)

Common Program Prerequisites (11 Credit Hours)

- A grade of "C" (2.0) or better is required.
- Some courses below may have additional prerequisite courses required.
- ZOO 3733C (4 credit hours) Human Anatomy is an acceptable equivalent course for ZOO 3736C.
- BSC 2085C and BSC 2086C will automatically substitute for ZOO 3736C and PCB 3703C.
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Core Requirements: Basic Level (24 Credit Hours)

- A grade of "C" (2.0) or better is required.
- PSY 2012 - General Psychology **Credit Hours: 3**
- PET 3005 - Introduction to Kinesiology **Credit Hours: 3**
- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**
- PET 4312C - Applied Biomechanics **Credit Hours: 3**
- APK 4110C - Advanced Exercise Physiology **Credit Hours: 3**
- PET 3361 - Nutrition and Metabolism in Kinesiology **Credit Hours: 3**

- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**
- APK 2300 - Basic Sport First Aid and CPR **Credit Hours: 3**

Core Requirements: Advanced Level (24 Credit Hours)

- A grade of "C" (2.0) or better is required.
- APK 4203 - Monitoring Training and Athletic Performance **Credit Hours: 3**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- PET 3125 - Fitness and Weight Management **Credit Hours: 3**
- PET 3771 - Strength and Conditioning Concepts **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- PET 4088 - Physical Activity & Preventive Medicine **Credit Hours: 3**
- PET 4215 - Motivational Aspects of Athletic Performance **Credit Hours: 3**
- PET 4552 - Exercise Prescription for Special Populations **Credit Hours: 3**

Restricted Electives (20 Credit Hours)

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 OR PET 4926 - Practicum in Kinesiology (9 hrs) AND 11 credits of preferred elective courses.

If students choose to complete Practicum as part of their restricted electives, it must be done during the final semester of the program. Students 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 grade of "C" (2.0) or better is required.

A minimum of twenty (20) hours must be selected from the list below. Select restricted electives with advisor approval.

- PEO 3324 - Coaching Volleyball **Credit Hours: 3**
- PEO 3514C - Coaching Soccer **Credit Hours: 3**
- PEO 3624 - Coaching Basketball **Credit Hours: 3**
- PEO 3644 - Coaching Football **Credit Hours: 3**
- APK 2160 - Facts and Fallacies in Exercise and Nutrition **Credit Hours: 3**
- PET 3097 - Health and Wellness **Credit Hours: 3**
- PET 3765 - Coaching Theory **Credit Hours: 3**
- PET 4083 - Personal Training Methods **Credit Hours: 3**
- PET 4143 - Current Issues & Trends in Kinesiology **Credit Hours: 3**
- PET 4763 - Coaching Methods and Principles **Credit Hours: 3**
- PET 4926 - Practicum in Kinesiology **Credit Hours: 9**
- SPM 3204 - Sports and Ethics **Credit Hours: 3**
- SPM 3415 - Public Relations in Sport and Athletic Coaching **Credit Hours: 3**
- SPM 3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching **Credit Hours: 3**
- SPM 4723 - Legal Issues in Sport and Athletic Coaching **Credit Hours: 3**
- HSC 3110 - Medical Self Assessment **Credit Hours: 3**
- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- ATR 3203C - Upper Extremity Function and Measurement **Credit Hours: 3**
- ATR 3204C - Lower Extremity Function and Measurement **Credit Hours: 3**
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
- APK 3400 - Sports Psychology **Credit Hours: 3**

- HSC 3537 - Medical Terminology **Credit Hours: 3**
- PEM 2431 - Beginning Judo **Credit Hours: 2**
- PEM 2432 - Intermediate Judo **Credit Hours: 2**
- PEM 2402 - Beginning Brazilian Jiu-Jitsu **Credit Hours: 2**
- PEM 2403 - Intermediate Brazilian Jiu-Jitsu **Credit Hours: 2**
- PEM 2104 - Personal Fitness **Credit Hours: 3**
- PEM 2131 - Strength Resistance Training **Credit Hours: 2**
- BSC 2010C - Biology I **Credit Hours: 4**

Capstone Requirements (3 Credit Hours)

- 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. Students must complete all Common Program Pre-requisites prior to admission into Capstone.
- A grade of "C" (2.0) or better is required.
- PET 4901 - Capstone in Kinesiology **Credit Hours: 3**

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.

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

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- Sport and Athletic Coaching Minor
- 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 Faculty Supervisor and their Faculty 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.

Transfer Notes

- Courses transferred from private and out-of-state institutions must be evaluated for equivalency credit. The student must provide all documentation.

Acceptable Substitutes for Transfer Courses

- The following substitutions are acceptable if taken at a Florida College System institution:

BSC 2085C OR BSC 2093C (4 credit hours with lab) with a grade of "C" or better will satisfy the ZOO 3736C - Exercise Physiology Anatomy requirement.

BSC 2086C OR BSC 2094C (4 credit hours with lab) with a grade of "C" or better will satisfy the PCB 3703C - Human Physiology requirement.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
<https://oeas.ucf.edu/academiclearningcompacts.html>

Plan of Study

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

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 (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- APK 2300 - Basic Sport First Aid and CPR
Credit Hours: 3
- HUN 2201 - Fundamentals of Human Nutrition
Credit Hours: 3
- SPC 1608 - Fundamentals of Oral Communication
Credit Hours: 3
- STA 2023 - Statistical Methods I
Credit Hours: 3
- Cultural & Historical Foundation, Area 1
Elective
Credit Hours: 3

Sophomore Year - Spring (12 Credit Hours)

- Kinesiology Elective Course (Choose from the list or consult with a Kinesiology advisor)
Credit Hours: 2
- PET 3005 - Introduction to Kinesiology
Credit Hours: 3
- ZOO 3736C - Exercise Physiology Anatomy
Credit Hours: 4
- Cultural & Historical Foundation, Area 3 (Prefer course from Cultural & Historical Foundation, Area 1)
Credit Hours: 3

Junior Year - Fall (16 Credit Hours)

- PCB 3703C - Human Physiology
Credit Hours: 4
- 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 3361 - Nutrition and Metabolism in Kinesiology
Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- ATR 4132 - Human Injuries: Mechanisms & Prevention
Credit Hours: 3
- PET 3125 - Fitness and Weight Management
Credit Hours: 3
- PET 4215 - Motivational Aspects of Athletic Performance
Credit Hours: 3
- APK 4110C - Advanced Exercise Physiology
Credit Hours: 3

- PET 4325 - Functional Kinesiology
Credit Hours: 3

Junior Year - Summer (9 Credit Hours)

- PET 4312C - Applied Biomechanics
Credit Hours: 3
- Kinesiology Elective Courses (Choose from the list or consult with a Kinesiology advisor)
Credit Hours: 6

Senior Year - Fall (15 Credit Hours)

- PET 3771 - Strength and Conditioning Concepts
Credit Hours: 3
- APK 4203 - Monitoring Training and Athletic Performance
Credit Hours: 3
- PET 4550C - Assessment and Evaluation in Kinesiology
Credit Hours: 3
- PET 4552 - Exercise Prescription for Special Populations
Credit Hours: 3
- Kinesiology Elective Course (Choose from the list or consult with a Kinesiology advisor)
Credit Hours: 3

Senior Year - Spring (12 Credit Hours)

- PET 4901 - Capstone in Kinesiology
Credit Hours: 3
- (Choose 1)
- PET 4926 - Practicum in Kinesiology
Credit Hours: 9
- 9 Credits of Kinesiology Electives (Choose from list or consult Kinesiology advisor)
9 Credit Hours

Kinesiology, Sport and Athletic Coaching Track (B.S.)

College of Health Professions and Sciences

School of Kinesiology and Physical Therapy
Education Building, Room: 320

Website: <https://healthprofessions.ucf.edu/kpt/kinesiology/>

bachelors/

Email: SESadvising@ucf.edu

Dr. David Fukuda, David.Fukuda@ucf.edu

Phone: 407-823-0623

The Kinesiology B.S. Sport and Athletic Coaching track is appropriate for students interested in coaching at all levels of competition, in a variety of sports, including strength and conditioning. Students are provided with a combination of course content as well as practical field and laboratory experiences. Sport and Athletic Coaching includes coursework leading to partial fulfillment of the Athletic Coaching Endorsement. Full eligibility for the endorsement may require additional criteria outlined by the Florida Department of Education (FLDOE). For further information regarding the Athletic Coaching Endorsement, visit <http://www.fldoe.org/edcert/>. This program Kinesiology B.S. - Sport and Athletic Coaching 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://healthprofessions.ucf.edu/kpt/kinesiology/bachelors/>

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.
- Have a minimum 2.5 overall GPA.
- Meet the Gordon Rule requirement
- Meet the SUS Foreign Language Admission requirement

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 Program (GEP) (38 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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

- General Education Program elective from Cultural & Historical Foundation, Area 1 to meet Gordon Rule Requirement **Credit Hours: 3**
- General Education Program elective: Prefer a second course from Cultural & Historical Foundation, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

- 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)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- POS 2041 - American National Government **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Preferred)

Common Program Prerequisites (CPP) (11 hours)

- A grade of "C" (2.0) or better is required.
- Some courses below may have additional pre-requisite courses required.
- ZOO 3733C (4 credit hours) Human Anatomy is an acceptable equivalent course for ZOO 3736C.
- BSC 2085C and BSC 2086C will automatically substitute for ZOO 3736C and PCB 3703C.
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Core Requirements: Basic Level (21 Credit Hours)

- A grade of "C" (2.0) or better is required.
- PSY 2012 - General Psychology **Credit Hours: 3**
- APK 2300 - Basic Sport First Aid and CPR **Credit Hours: 3**
- PET 3005 - Introduction to Kinesiology **Credit Hours: 3**
- PET 3361 - Nutrition and Metabolism in Kinesiology **Credit Hours: 3**
- PET 3765 - Coaching Theory **Credit Hours: 3**
- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**

(Choose 1)

- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- PET 4312C - Applied Biomechanics **Credit Hours: 3**

Core Requirements: Advanced Level (21 Credit Hours)

- A grade of "C" (2.0) or better is required.
- PET 4763 - Coaching Methods and Principles **Credit Hours: 3**
- PET 3771 - Strength and Conditioning Concepts **Credit Hours: 3**
- SPM 3204 - Sports and Ethics **Credit Hours: 3**
- SPM 3415 - Public Relations in Sport and Athletic Coaching **Credit Hours: 3**
- SPM 3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching **Credit Hours: 3**
- SPM 4723 - Legal Issues in Sport and Athletic Coaching **Credit Hours: 3**
- (Choose 1)
- PEO 3324 - Coaching Volleyball **Credit Hours: 3**
- PEO 3514C - Coaching Soccer **Credit Hours: 3**
- PEO 3624 - Coaching Basketball **Credit Hours: 3**
- PEO 3644 - Coaching Football **Credit Hours: 3**

Restricted Electives (17 Credit Hours)

Students have the opportunity to add learning experiences by earning a double major or minor. A minimum of seventeen (17) hours must be selected from the list below. Consult your Kinesiology advisor for alternate approved electives.

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.

A grade of "C" (2.0) or better is required.

- APK 4110C - Advanced Exercise Physiology **Credit Hours: 3**
- APK 4203 - Monitoring Training and Athletic Performance **Credit Hours: 3**
- PEO 3324 - Coaching Volleyball **Credit Hours: 3**

- PEO 3514C - Coaching Soccer **Credit Hours: 3**
- PEO 3624 - Coaching Basketball **Credit Hours: 3**
- PEO 3644 - Coaching Football **Credit Hours: 3**
- APK 2160 - Facts and Fallacies in Exercise and Nutrition **Credit Hours: 3**
- PET 3097 - Health and Wellness **Credit Hours: 3**
- PET 3125 - Fitness and Weight Management **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- PET 4083 - Personal Training Methods **Credit Hours: 3**
- PET 4088 - Physical Activity & Preventive Medicine **Credit Hours: 3**
- PET 4143 - Current Issues & Trends in Kinesiology **Credit Hours: 3**
- PET 4215 - Motivational Aspects of Athletic Performance **Credit Hours: 3**
- PET 4312C - Applied Biomechanics **Credit Hours: 3**
- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- PET 4552 - Exercise Prescription for Special Populations **Credit Hours: 3**
- PEM 2104 - Personal Fitness **Credit Hours: 3**
- PEM 2131 - Strength Resistance Training **Credit Hours: 2**
- PEM 2431 - Beginning Judo **Credit Hours: 2**
- PEM 2432 - Intermediate Judo **Credit Hours: 2**
- PEM 2402 - Beginning Brazilian Jiu-Jitsu **Credit Hours: 2**
- PEM 2403 - Intermediate Brazilian Jiu-Jitsu **Credit Hours: 2**
- BSC 2010C - Biology I **Credit Hours: 4**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**

Capstone Requirements (12 Credit Hours)

Completed during the final semester in the program. In order to be approved for Capstone and Practicum, students must meet with their Kinesiology advisor in the term prior to their final semester. Students must complete all Common Program Pre-requisites prior to admission into Capstone and Practicum.

A grade of "C" (2.0) or better is required.

- PET 4901 - Capstone in Kinesiology **Credit Hours: 3**
- PET 4926 - Practicum in Kinesiology **Credit Hours: 9**

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

1.
 - A minimum overall GPA of 2.5.

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.

Select One: (3 Credit Hours)

Total Undergraduate Credit Hours
Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- Sport and Athletic Coaching Minor
- 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 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 Faculty Supervisor and their Faculty 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.

Transfer Notes

- Courses transferred from private and out-of-state institutions must be evaluated for equivalency credit. The student must provide all documentation.

Acceptable Substitutes for Transfer Courses

- The following substitutions are acceptable if taken at a Florida College System institution:
- BSC 2085C OR BSC 2093C (4 credit hours with lab) with a grade of "C" or better will satisfy the ZOO 3736C - Exercise Physiology Anatomy requirement.
- BSC 2086C OR BSC 2094C (4 credit hours with lab) with a grade of "C" or better will satisfy the PCB 3703C - Human Physiology requirement.

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 (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

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 (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- APK 2300 - Basic Sport First Aid and CPR **Credit Hours: 3**
- HUN 2201 - Fundamentals of Human Nutrition **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- PET 3005 - Introduction to Kinesiology **Credit Hours: 3**

- PET 3765 - Coaching Theory **Credit Hours: 3**
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**
- Cultural & Historical Foundation, Area 3 (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- Kinesiology Elective Course (Choose from the list or consult with a Kinesiology advisor) **Credit Hours: 2**
- PET 3361 - Nutrition and Metabolism in Kinesiology **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- SPM 3204 - Sports and Ethics **Credit Hours: 3**

Select One: (3 Credit Hours)

- PEO 3324 - Coaching Volleyball **Credit Hours: 3**
- PEO 3514C - Coaching Soccer **Credit Hours: 3**
- PEO 3624 - Coaching Basketball **Credit Hours: 3**
- PEO 3644 - Coaching Football **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**
- PET 4763 - Coaching Methods and Principles **Credit Hours: 3**
- SPM 3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching **Credit Hours: 3**
- Kinesiology Elective Course (Choose from list or consult with Kinesiology advisor) **3 Credit Hours**

Junior Year - Summer (9 Credit Hours)

- Kinesiology Elective Course (Choose from the list or consult with a Kinesiology advisor) **Credit Hours: 6**

Select One: (3 Credit Hours)

- PET 4312C - Applied Biomechanics **Credit Hours: 3**
- PET 4325 - Functional Kinesiology **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PET 3771 - Strength and Conditioning Concepts **Credit Hours: 3**
- SPM 3415 - Public Relations in Sport and Athletic Coaching **Credit Hours: 3**
- SPM 4723 - Legal Issues in Sport and Athletic Coaching **Credit Hours: 3**
- Kinesiology Elective Courses (Choose from the list or consult with Kinesiology advisor.) **6 Credit Hours**

Senior Year - Spring (12 Credit Hours)

- PET 4901 - Capstone in Kinesiology **Credit Hours: 3**
- PET 4926 - Practicum in Kinesiology **Credit Hours: 9**

Minor

Fitness Training Minor

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 in the Sport and Fitness Profession. This Minor is available for students in the 2001 catalog year and beyond. The Fitness Training minor is not

available to Kinesiology Pending and Kinesiology - Exercise and Sport Physiology Track majors.

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

Minor Requirements

- No grades below "C" (2.0) and no "S" grades will be accepted.
- 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

Foreign Language Requirements

None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- An overall GPA of 2.5 is required to satisfy the minor.
- No grades below "C" (2.0) and no "S" grades will be accepted.
- At least 12 hours used in the minor must be earned at UCF.
- 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.

Required Courses (12 Credit Hours)

- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**

- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**
- PET 3361 - Nutrition and Metabolism in Kinesiology **Credit Hours: 3**

from a Florida College System or State University System Institution
Prerequisite Courses: None
Foreign Language Requirements

Restricted Electives (6 Credit Hours)

Select Two: (6 Credit Hours)

- APK 2300 - Basic Sport First Aid and CPR **Credit Hours: 3**
- PET 3125 - Fitness and Weight Management **Credit Hours: 3**
- PET 3771 - Strength and Conditioning Concepts **Credit Hours: 3**
- PET 4083 - Personal Training Methods **Credit Hours: 3**
- PET 4215 - Motivational Aspects of Athletic Performance **Credit Hours: 3**
- PET 4552 - Exercise Prescription for Special Populations **Credit Hours: 3**

- None

Total Undergraduate Credit Hours Required: 22

Other Requirements

- An overall GPA of 2.5 is required to satisfy the minor.
- No grades below "C" (2.0) and no "S" grades will be accepted.
- At least 12 hours used in the minor must be earned at UCF.
- 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 ATR 4132.

Sport and Athletic Coaching Minor

The Sport and Athletic Coaching Minor is designed to provide a limited, but substantive experience in the field of coaching. The state of Florida requires a coaching endorsement, which includes nine hours (Human Injuries, Coaching Theory, and a Coaching Specialization course), for all persons certified to teach. This minor is appropriate for those students who plan to coach and/or are seeking a career in the fields of Physical Education and sport. The Sport and Athletic Coaching Minor includes coursework leading to partial fulfillment of the Athletic Coaching Endorsement. Full eligibility for the endorsement may require additional criteria outlined by the Florida Department of Education. For further information regarding the Athletic Coaching Endorsement, visit <http://www.fldoe.org/edcert/>. This Minor is available for students in the 2001 Catalog Year and beyond. The Sport and Athletic Coaching Minor is not available to Kinesiology Pending and Kinesiology- Sport and Athletic Coaching Track majors.

Admission Requirements:

- Minimum 2.5 overall GPA
- Complete the University General Education Requirements or its equivalent, i.e. an AA degree

Required Courses (19 credit hours)

- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- PET 3765 - Coaching Theory **Credit Hours: 3**
- PET 4215 - Motivational Aspects of Athletic Performance **Credit Hours: 3**
- PET 4763 - Coaching Methods and Principles **Credit Hours: 3**
- SPM 3204 - Sports and Ethics **Credit Hours: 3**
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**

Select One: (3 credit hours)

- PEO 3324 - Coaching Volleyball **Credit Hours: 3**
- PEO 3624 - Coaching Basketball **Credit Hours: 3**
- PEO 3514C - Coaching Soccer **Credit Hours: 3**
- PEO 3644 - Coaching Football **Credit Hours: 3**

School of Social Work

Interim Director: Ana Leon
HPA1 204; 407-823-2114

<https://healthprofessions.ucf.edu/socialwork/>

Faculty: Anderson, Beltran, Brown, Burg, Chapple, Dziegielewski, Ferretti, Gammonley, Gryglewicz, Hall, Harris-Jackson, Kohn, Lawrence, Leon, Mazany, McGregor, Molina, Nam, O'Connor, Ramos, Roche, Steen, Stewart, Wang, Wharton, Whitworth, Withers, Yalim, Yegidis

The UCF School of Social Work BSW Program (undergraduate social work program) prepares generalist social work students to become practitioners who promote optimal well-being, human rights, and social and economic justice. The school focuses on social change from a regional and global perspective with individuals, families, groups and communities in diverse practice settings. Today social workers are continuing their efforts in healthcare facilities, mental health centers, schools, substance abuse programs, neighborhood centers, nursing homes, homeless shelters, hospice programs, and many other settings. Social workers work with people from all backgrounds to help them find ways to live richer and more productive lives. The strengths perspective is central to the social work profession emphasizing resources, capabilities, resilience, and seeing obstacles as challenges.

The curriculum, nationally accredited by the Council on Social Work Education, aims to graduate social work generalists who can teach people how to create their own path and enhance their quality of life. Graduates will assist people in changing patterns of behavior, ameliorate poverty, abuse, and oppression and help them to develop effective coping skills for life's challenges. The Social Work Program is a limited access program that requires a separate application to the School of Social Work.

If a student wishes to pursue their academic endeavors further, the School of Social Work also offers a Master's in Social Work.

Major

Social Work (B.S.W.)

College of Health Professions and Sciences
School of Social Work,

Health and Public Affairs I, Room: 204

<https://healthprofessions.ucf.edu/socialwork/>

Email: socialwk@ucf.edu

Dr. Ana Leon, Interim Director
Robin Kohn, Undergraduate Program Coordinator
Catherine Cash, BSW Advisor
Phone: 407-823-2114

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.

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 school 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

- BSC 1005 - Biological Principles **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP) (6 Credit Hours)

See Transfer Notes

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- POS 2041 - American National Government **Credit Hours: 3** (GEP)
- BSC 1005 - Biological Principles **Credit Hours: 3** (GEP)
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Core Requirements: Basic Level

- Required Principles of Statistics
- Choose ONE of the following courses, or see advisor for more options:
- STA 2014C - Principles of Statistics **Credit Hours: 3**
GEP
- STA 2023 - Statistical Methods I **Credit Hours: 3**
GEP

Core Requirements: Advanced Level (45 Credit Hours)

- SOW 3284 - Social Work Perspectives on Social Justice **Credit Hours: 3**
- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**
- SOW 3300 - Practice I: Generalist Practice in Social Work **Credit Hours: 3**
- SOW 3111 - Human Behavior and the Social Environment II **Credit Hours: 3**
- SOW 3352 - Practice II: Interpersonal Skills in Social Work **Credit Hours: 3**
- SOW 3401 - Social Work Research **Credit Hours: 3**
- SOW 3620 - Culturally Competent Social Work Practice **Credit Hours: 3**
- SOW 4730 - Documentation in Social Work Practice **Credit Hours: 3**
- SOW 4232 - Social Welfare Policies and Issues **Credit Hours: 3**
- SOW 4341 - Micro-Level Roles and Interventions in Social Work **Credit Hours: 3**
- SOW 4343 - Macro-Level Roles and Interventions in Social Work **Credit Hours: 3**
- SOW 4522 - Field Education Seminar **Credit Hours: 3**
- SOW 4510 - Field Education **Credit Hours: 9**

Cultural Diversity Requirement (6 Credit Hours)

Choose two of the following suggested courses

- ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ASH 4404 - Modern China **Credit Hours: 3**
- ASH 4442 - Modern Japan **Credit Hours: 3**
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3**
- HUM 3401 - Asian Humanities **Credit Hours: 3**
- REL 3333 - Hinduism **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**
- JST 3401 - Jewish People in Antiquity **Credit Hours: 3**

- JST 3402 - Wanderings: The Jewish People in Dispersion **Credit Hours: 3**
- JST 3820 - Modern Israeli Culture **Credit Hours: 3**
- LAH 3130 - Latin American History I **Credit Hours: 3**
- 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**
- AMH 3561 - Women in American History I **Credit Hours: 3**
- AMH 3571 - Black American History I **Credit Hours: 3**
- AMH 3586 - History of Latinos in the U.S. **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- SOP 3724 - Psychology of Prejudice **Credit Hours: 3**
- SOP 3742 - Psychology of Women **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- HSC 3593 - HIV Disease: A Human Concern **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Select six hours of social work electives in consultation with faculty advisor.

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
- 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

- 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

- None

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:
http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- The BSW program curriculum follows a structured sequence of courses. The Schedule of Study can be found in the Social Work Handbook.
- Courses should be taken sequentially and only when prerequisites have been met.
- Students are required to meet with the BSW program coordinator or program advisor to develop an academic degree plan and then revisit with them once a semester to ensure accuracy of the courses and to graduate on time.
- Students admitted to the BSW Major may enroll in:

SOW 3300 *Practice I: Understanding Generalist Practice* - Junior Year Summer Admission or Junior Year Fall Admission

SOW 3620 *Culturally Competent Social Work Practice* - Junior Year Spring or Junior Year Summer

SOW 4343 *Macro Level Roles and Interventions in Social Work* - Junior Year Summer or Senior Year Spring

Freshman Year - Fall (15 Credit Hours)

- 2000-level or higher Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

- BSC 1005 - Biological Principles **Credit Hours: 3**
- GEP Math **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- GEP Cultural **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- GEP Communication **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**
- 2000-level or higher Elective (SOW 2020 Careers in Creating Social Change - Preferred) **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- 2000-level or higher Elective **Credit Hours: 3**
- 2000-level or higher Elective **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**
- Cultural Diversity Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- SOW Elective **Credit Hours: 3**

- 2000 level or higher Elective **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- SOW 3284 - Social Work Perspectives on Social Justice **Credit Hours: 3**
- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**
- SOW 3300 - Practice I: Generalist Practice in Social Work **Credit Hours: 3**
- SOW Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SOW 3111 - Human Behavior and the Social Environment II **Credit Hours: 3**
- SOW 3352 - Practice II: Interpersonal Skills in Social Work **Credit Hours: 3**
- SOW 3401 - Social Work Research **Credit Hours: 3**
- SOW 3620 - Culturally Competent Social Work Practice **Credit Hours: 3**
- Cultural Diversity Elective **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- 2000-level or higher Elective **Credit Hours: 3**
- 2000-level or higher Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- SOW 4232 - Social Welfare Policies and Issues **Credit Hours: 3**
- SOW 4341 - Micro-Level Roles and Interventions in Social Work **Credit Hours: 3**
- SOW 4343 - Macro-Level Roles and Interventions in Social Work **Credit Hours: 3**
- SOW 4730 - Documentation in Social Work Practice **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

For Full-time students ONLY: (12 Credit Hours)

- SOW 4510 - Field Education **Credit Hours: 9**

- SOW 4522 - Field Education Seminar **Credit Hours: 3**

For Part-time students ONLY: (7 Credit Hours)

- SOW 4941 - Internship **Credit Hours: 5**
- SOW 4515 - Part Time Field Education Seminar **Credit Hours: 1-2**

Senior Year - Summer (5 Credit Hours)

For Part-time students ONLY:

- SOW 4941 - Internship **Credit Hours: 4**
- SOW 4515 - Part Time Field Education Seminar **Credit Hours: 1-2**

Minor

Aging Studies Minor

College of Health Professions and Sciences
School of Social Work

Health and Public Affairs I, Room: 248

Phone: 407-823-2215

Ms. Robin Kohn

Email: robin.kohn@ucf.edu

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 Admission Requirements

- None

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.

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- GEY 3001 - Gerontology: An Interdisciplinary Overview **Credit Hours: 3**

Required Internship Select One:

¹ For full-time Social Work majors. Cannot be used with SOW 4941.

² For part-time Social Work majors. Cannot be used with SOW 4510.

³ For Interdisciplinary Studies majors

Note: Students must enroll in a minimum of 3 credit hours if HSA 4850, IDS 4947 or PSY 3951 are selected to meet the Internship requirement.

- HSA 4850 - Health Services Administration Internship **Credit Hours: VAR**
- IDS 4947 - Internship **Credit Hours: 3**³
- PSY 3951 - Undergraduate Field Work **Credit Hours: 1-9**
- SOW 4510 - Field Education **Credit Hours: 9**¹
- SOW 4941 - Internship **Credit Hours: 9**²

Restricted Electives (12 Credit Hours)

- Students select FOUR courses from the following list of restricted electives:

College of Health Professions and Sciences

- SOW 4645 - Social Services for the Elderly **Credit Hours: 3**
- SOW 3740 - Social Work Practice with Loss & Life's Transitions **Credit Hours: 3**

College of Community Innovation and Education

- HSA 4220 - Long Term Patient Management **Credit Hours: 3**
- HSA 3222 - Long Term Care and Administration **Credit Hours: 3**
- HSC 4564 - Health Care Needs of the Elderly **Credit Hours: 3**
- PLA 4530 - Legal Issues of the Elderly **Credit Hours: 3**

College of Nursing

- NUR 4286 - Gerontologic Nursing **Credit Hours: 3**

College of Sciences

- DEP 3464 - Psychology of Aging **Credit Hours: 3**
- SYP 4730 - Aging in Society **Credit Hours: 3**
- SYP 4732 - Minority Aging **Credit Hours: 3**

Rosen College of Hospitality Management

- HFT 3005 - Introduction to Hospitality and Senior Living Industries **Credit Hours: 3**

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.

Certificate

Aging Studies Certificate

College of Health Professions and Sciences

School of Social Work

Health and Public Affairs I, Room: 248

Phone: 407-823-2215

Ms. Robin Kohn

Email: robin.kohn@ucf.edu

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 Admission Requirements

- None

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.

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- GEY 3001 - Gerontology: An Interdisciplinary Overview **Credit Hours: 3**

Required Internship: (Select one) (3 Credit Hours)

¹ Full-time social work majors ONLY. Cannot be used with SOW 4941.

² Part-time social work majors over two semesters ONLY. Cannot be used with SOW 4510.

³ For Interdisciplinary Studies majors

Note: Students must enroll in a minimum of 3 credit hours if HSA 4850, IDS 4947 or PSY 3951 are selected to meet the Internship requirement.

- HSA 4850 - Health Services Administration Internship **Credit Hours: VAR**
- IDS 4947 - Internship **Credit Hours: ³**
- PSY 3951 - Undergraduate Field Work **Credit Hours: 1-9**
- SOW 4510 - Field Education **Credit Hours: 9 ¹**

- SOW 4941 - Internship **Credit Hours: 9** ²

Restricted Electives (9 Credit Hours)

- Students select THREE courses from the following list of restricted electives:

College of Health Professions and Sciences

- SOW 4645 - Social Services for the Elderly **Credit Hours: 3**
- SOW 3740 - Social Work Practice with Loss & Life's Transitions **Credit Hours: 3**

College of Community Innovation and Education

- HSA 4220 - Long Term Patient Management **Credit Hours: 3**
- HSA 3222 - Long Term Care and Administration **Credit Hours: 3**
- HSC 4564 - Health Care Needs of the Elderly **Credit Hours: 3**
- PLA 4530 - Legal Issues of the Elderly **Credit Hours: 3**

College of Nursing

- NUR 4286 - Gerontologic Nursing **Credit Hours: 3**

College of Sciences

- DEP 3464 - Psychology of Aging **Credit Hours: 3**
- SYP 4730 - Aging in Society **Credit Hours: 3**
- SYP 4732 - Minority Aging **Credit Hours: 3**

Rosen College of Hospitality Management

- HFT 3005 - Introduction to Hospitality and Senior Living Industries **Credit Hours: 3**

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

Children's Services Certificate

College of Health Professions and Sciences
School of Social Work, Health and Public Affairs I,
Room: 204
Email: socialwk@ucf.edu

BSW Program Director
 Phone: 407-823-2967

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 Admission Requirements

- Must be a BSW major.

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.

Prerequisite Courses

- None

Required Courses (18 Credit Hours)

- SOW 3352 - Practice II: Interpersonal Skills in Social Work **Credit Hours: 3**
- SOW 4654 - Children's Services **Credit Hours: 3**
- SOW 4650 - Child Abuse: Treatment and Prevention **Credit Hours: 3**

Select One: (9 Credit Hours)

¹ (for full-time students ONLY)

² (for part-time students over two semesters)

- SOW 4510 - Field Education **Credit Hours: 9** ¹
- SOW 4941 - Internship **Credit Hours: 9** ²

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

College of Medicine

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

6850 Lake Nona Blvd., Suite 313, Orlando, FL 32827-7408
407-266-1000

<http://www.med.ucf.edu>

Director, Burnett School of Biomedical Sciences: Griffith Parks

BBS 101K; 407-823-5932

The UCF College of Medicine through its Burnett School of Biomedical Sciences (BSBS) offers the third 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 Burnett school 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. 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, 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 Burnett School is educating over 3,000 undergraduate majors including Biomedical Sciences (including the Pre-professional concentration), Biotechnology, and Medical Laboratory Sciences. The Biomedical Sciences BS also offers three tracks within the major: Molecular Microbiology, Molecular and Cellular Biology and Neuroscience. 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 the 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 HPA II room 335.

College of Medicine Mission, Vision and Goals

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 medical care and services, groundbreaking research, and leading edge medical and biomedical education in an environment enriched by diversity.

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 students 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.

Goals

- Excel in medical and biomedical education
- Excel in research and discovery in: biomedical sciences, medical education, and health care
- Provide outstanding, innovative, patient-centered care while transforming health care delivery
- Be America's leading partnership college of medicine
- Achieve a diversified self-sustaining infrastructure to support future operations

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Medicine are located at:

<http://oeas.ucf.edu/academiclearningcompacts.html>

All Undergraduate programs for the College of Medicine are listed below. For a full list of Graduate programs click [here](#).

Burnett School of Biomedical Sciences

Director, Burnett School of Biomedical Sciences: Griffith Parks

BBS 101K; 407-823-5932

Associate Director of Undergraduate Affairs, Burnett School of Biomedical Sciences: William Self

HPA2 335C; 407-823-5932

Associate Director of Graduate Affairs, Burnett School of Biomedical Sciences: Saleh Naser

BMS 136B; 407-823-1312

Associate Director, Academic Support Services, Burnett School of Biomedical Sciences: Greg Norris

BBS 101N; 407-266-7009

The Burnett School of Biomedical Sciences in the College of Medicine offers bachelor degrees in Biomedical Sciences (including the Biomedical Sciences, Pre-professional Concentration) and Biotechnology that prepare students for admission to health professional or graduate programs. The B.S. in Medical Laboratory Sciences provides training for students to work in clinical or hospital laboratories. BSBS also offers M.S. programs in

Biomedical Sciences, and Biotechnology. Also, it offers an interdisciplinary Ph.D. program in Biomedical Sciences. At this time, the Burnett School has over 3,000 undergraduate students and approximately 135 graduate students.

Program in Biomedical Sciences

Undergraduate Coordinator: Dorilyn Hitchcock

HPA2 312; 407-823-5932

Graduate Coordinator (M.S. program): Saleh Naser

BMS 136B; 407-823-1312

Graduate Co-Coordinator (Ph.D. Program): Jihe Zhao

BBS 316; 407-823-1312

The core curriculum in the baccalaureate program, with its broad and thorough background in the physical, computational, and life sciences, provides a solid foundation in concepts and applications of modern biology to contemporary and future problems. The restricted electives component of the baccalaureate program allows each student to enhance his/her academic preparation in areas of morphological, clinical, analytical or investigative applications. There are three tracks in the Biomedical Sciences B.S.: Molecular Microbiology, Molecular and Cellular Biology, and Neuroscience. Students are also encouraged to gain research experience and exposure to specialized topics not taught in formal courses through the directed research and independent study contracts with selected faculty. This thorough, but flexible, program provides an excellent preparation for industry, graduate education, and for the four-year health science professions (medicine, veterinary, pharmacy, podiatry, physician assistant, physical therapy, optometry, chiropractic and dentistry).

Program in Biotechnology

Undergraduate Coordinator: Dorilyn Hitchcock

HPA2 312; 407-823-5932

Graduate Coordinator: Saleh Naser

BMS 136B; 407-823-1312

To meet the demand for highly trained scientists in the biotechnology workforce, the Burnett School of Biomedical Sciences offers a Bachelor of Science degree in Biotechnology. This degree program prepares students to function in the industrial biotechnology/biomedical environment, providing them with more "hands on" laboratory experiences and opportunities for research. These students will be provided an industrial perspective and an understanding of product development as they are trained in the molecular techniques required for such development.

Program in Medical Laboratory Sciences

Director: Dorilyn Hitchcock
HPA2 312; 407-823-5932

Medical laboratory scientists are involved in medical diagnosis, patient treatment, health screening, laboratory management, research, and laboratory education. They use highly sophisticated analytical equipment for the examination of blood and body fluids.

The curriculum is designed to give students a thorough background in the physical and biological sciences; to develop the necessary laboratory skills and essential skills to assume leadership roles in management and education. It also prepares students in the development of a high level of proficiency in correlating clinical data.

The last two years of sequential courses constitute the upper division professional phase of the program. The Medical Laboratory Sciences class size to be selected is determined by the availability of space and equipment, as well as available spaces in the clinical facilities.

The Medical Laboratory Sciences is a limited access program that requires a separate application to the program. Preference will be given to those who apply by March 1st, but applications will be accepted until the class is filled.

The Medical Laboratory Sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS, 5600 N. River Road, Suite 720, Rosemont, IL 60018-5119) and is approved as a training program by the State of Florida Board of Clinical Laboratory Personnel.

Office of Student Services and Advisement (OSSA)

Director: Amanda Colee
HPA2 335; 407-823-5932;
Academic Advisor: Cynthia Contreras
HPA2 335; 407-823-5932;
Academic Advisor: Tera Bravo
HPA2 335; 407-823-5932
Email: BSBSAdvising@ucf.edu

The Office of Student Services and Advisement (OSSA) is the primary office for undergraduate academic advisement in the Burnett School of Biomedical Sciences. OSSA assists Biomedical Sciences, Biotechnology, and Medical Laboratory Sciences students with orientation, registration, university policies and procedures, major requirements, course substitutions, and graduation certification. Students

interested in pursuing the Medical Laboratory Sciences limited access program, should meet with an advisor or the Program Director for more information.

Major

Biomedical Sciences (B.S.)

College of Medicine

Burnett School of Biomedical Sciences

Health and Public Affairs II, Room: 335

<https://med.ucf.edu/biomed/>

Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director

Phone: 407-823-5932

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.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives will not be accepted.
- Students should consult with a BSBS academic advisor at least once per semester.

General Education Program (GEP) (36 Credit Hours)

- Certain courses must be selected in GEP for this major, bringing the total GEP hours to more than 36.

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)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)
- MAC 2311 - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

¹ or CHM 2040 and CHM 2041

- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹

Common Program Prerequisites (CPP)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ See Transfer Notes for possible substitutions.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (GEP)
- 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** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- 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**

Select one of the following sequences of courses:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
- or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level

Math and Statistics

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Chemistry

- 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**

Core Requirements: Advanced Level

Biomedical Sciences (25 Credit Hours)

- The following core courses are for students completing the general Biomedical Science degree.

Life Sciences (22 Credit Hours)

- MCB 3020C - General Microbiology **Credit Hours: 5**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**

Select one of the following sequences of courses:

- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
or
- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**

Biochemistry (3 Credit Hours)

- BCH 4024 - Medical Biochemistry **Credit Hours: 4**
or
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Restricted Electives

Biomedical Sciences Restricted Electives (17 Credit Hours)

- Select a minimum of five (5) courses from the list below. At least two must have a laboratory course. No more than two may be MLS courses. Enrollment in some MLS courses is restricted. Check with advisor before enrolling. Only three hours of Honors thesis will count towards restrictive elective requirement.

- Students can only select two (2) of the following BCH 4053, BCH 4103L, PCB 3063, PCB 4514, ZOO 4603C.
- As an alternative to one 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, including elective laboratory courses.
- Additional restricted electives can be taken as approved by the Associate Director.

¹ Recommended for Preprofessional students

² Students must take MCB 3203L - Pathogenic Microbiology laboratory in order for the combination to count as 1 restricted elective.

- BCH 4054 - Biochemistry II **Credit Hours: 3** ¹
- BCH 4103L - Biochemical Methods **Credit Hours: 2**
- BOT 4434C - General Mycology **Credit Hours: 4**
- BSC 3424 - Nanobiotechnology **Credit Hours: 3**
- BSC 4434 - Biomedical Informatics: Sequence Analysis **Credit Hours: 3**
- BSC 4439 - Biomedical Informatics: Structure Analysis **Credit Hours: 3**
- MCB 3202 - Principles of Infectious Disease **Credit Hours: 3** ¹
- MCB 3203 - Pathogenic Microbiology **Credit Hours: 3** ²
- MCB 4404 - Bacterial Genetics and Physiology **Credit Hours: 3** ¹
- MCB 4114C - Determinative & Systemic Microbiology **Credit Hours: 4**
- MCB 4207 - Infectious Processes **Credit Hours: 3** ¹
- MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions **Credit Hours: 3**
- MCB 4276 - Epidemiology of Infectious Diseases **Credit Hours: 3** ¹
- MCB 4312 - Molecular Biotechnology **Credit Hours: 3** ¹
- MCB 4503C - Virology **Credit Hours: 3** ¹
- MCB 4603 - Environmental Microbiology **Credit Hours: 3**
- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**
- MCB 4970H - Honors Undergraduate Thesis II **Credit Hours: 3**

- MCB 4224 - Molecular Biology of Diseases **Credit Hours: 3**¹
- MCB 4653 - Applied Industrial Microbiology **Credit Hours: 3**
- MCB 5932 - Current Topics in Molecular Biology **Credit Hours: 3**
- MLS 3220C - Techniques in Clinical Microscopy **Credit Hours: 3**
- MLS 3305 - Hematology **Credit Hours: 3**¹
- MLS 4334 - Hemostasis **Credit Hours: 3**¹
- MLS 4430C - Clinical Microbiology I **Credit Hours: 4**¹
- MLS 4505C - Immunodiagnostics **Credit Hours: 3**¹
- MLS 4625 - Advanced Clinical Chemistry I **Credit Hours: 3**
- MLS 4630 - Advanced Clinical Chemistry II **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**¹
- PCB 3703C - Human Physiology **Credit Hours: 4**¹
- PCB 4028 - Molecular and Cellular Pharmacology **Credit Hours: 3**¹
- 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 4264 - Stem Cell Biology **Credit Hours: 3**
- PCB 4284 - Immunobiology **Credit Hours: 3**¹
- PCB 4514 - Genetics II **Credit Hours: 3**¹
- PCB 4521 - Tissue Engineering **Credit Hours: 3**
- PCB 4529C - Experimental Molecular Cell Biology **Credit Hours: 4**
- PCB 4663 - Human Genetics **Credit Hours: 3**
- PCB 4708L - Laboratory Virtual Simulations in Physiology **Credit Hours: 3**¹
- PCB 4805 - Endocrinology **Credit Hours: 3**¹
- PCB 4832 - Cellular and Molecular Basis of Brain Functions **Credit Hours: 3**¹
- PCB 4833 - Advanced Human Physiology **Credit Hours: 3**¹
- PCB 4843 - Cellular and Molecular Neuroscience **Credit Hours: 3**
- PCB 5275 - Signal Transduction Mechanics **Credit Hours: 3**
- ZOO 4701 - Dissection Techniques **Credit Hours: 3**¹
- ZOO 3733C - Honors Human Anatomy **Credit Hours: 4**¹

- ZOO 3744 - Neurobiology **Credit Hours: 3**¹
- ZOO 3755C - Introductory Histology **Credit Hours: 4**¹
- ZOO 4603C - Embryology/Development **Credit Hours: 5**¹
- ZOO 4605 - Human Clinical Embryology and Congenital Malformation **Credit Hours: 3**¹
- ZOO 4742 - Advanced Neurobiology **Credit Hours: 3**¹
- ZOO 4743C - Clinical Neuroanatomy and Neuroscience **Credit Hours: 4**¹
- ZOO 4747C - Clinical Neuroscience **Credit Hours: 4**
- ZOO 4756C - Comparative Vertebrate Histology **Credit Hours: 4**¹
- ZOO 5745C - Neuroanatomical Pathways and their Neurotransmitters **Credit Hours: 4**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**

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
- 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

Acceptable Substitutes for Transfer Courses

- 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

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.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**
- 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, Molecular and Cellular Biology Track (B.S.)

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<http://biomed.ucf.edu>
Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director, 407-823-5932

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.

- Grades below a C in Common Program Prerequisites, Core Requirements and Restricted Electives will not be accepted.
- Students in this track must maintain a minimum science GPA of 3.2. Students who are unable to maintain such GPA, the student will have to revert back into the non-track Biomedical Sciences B.S.
- Students should consult with a BSBS academic advisor at least once per semester.

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 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311 - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

¹ or CHM 2040 and CHM 2041

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (12 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ or CHM 2040 and CHM 2041

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- MAC 2311 - Calculus with Analytic Geometry I (GEP)

Physics

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level

Math and Statistics (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- MAC 2311 - Calculus with Analytic Geometry I (GEP)

Chemistry (8 Credit Hours)

- 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**

Core Requirements: Advanced Level (35 Credit Hours)

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- MCB 4410 - Cellular Metabolism **Credit Hours: 3**

Select One:

- BCH 4024 - Medical Biochemistry **Credit Hours: 4**
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Track Core Requirements

- PCB 4529C - Experimental Molecular Cell Biology **Credit Hours: 4**
- PCB 4028 - Molecular and Cellular Pharmacology **Credit Hours: 3**
- PCB 4234 - Cancer Biology **Credit Hours: 3**

Restricted Electives

Students must choose three electives from the list below.

At least one must have a laboratory component.

As an alternative to one 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, including elective laboratory courses.

Additional restricted electives can be taken as approved by the associate director.

- BSC 4434 - Biomedical Informatics: Sequence Analysis **Credit Hours: 3**
- MCB 4224 - Molecular Biology of Diseases **Credit Hours: 3**
- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**
- PCB 4663 - Human Genetics **Credit Hours: 3**
- PCB 4174 - Foundation of Bio-Imaging Science **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- PCB 4521 - Tissue Engineering **Credit Hours: 3**
- PCB 4264 - Stem Cell Biology **Credit Hours: 3**
- PCB 4284 - Immunobiology **Credit Hours: 3**
- PCB 4813 - Molecular Aspects of Obesity, Diabetes & Metabolism **Credit Hours: 3**
- PCB 5275 - Signal Transduction Mechanics **Credit Hours: 3**
- ZOO 3744 - Neurobiology **Credit Hours: 3**

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
- 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

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: 4¹

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.

Acceptable Substitutes for Transfer Courses

- The combination of CHM 2040 and CHM 2041 substitutes CHM 2045C.

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 (120 Credit Hours)

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311 - 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**
- ENC 1102 - Composition II **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- 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

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- BSC 3403C - Honors Quantitative Biological Methods **Credit Hours: 4**
- Restricted Elective **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**

Select One:

- Restricted 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**

Select One:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- Restricted Elective **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 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 4028 - Molecular and Cellular Pharmacology **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 (12 Credit Hours)

Select One:

- MCB 4410 - Cellular Metabolism **Credit Hours: 3**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- PCB 4234 - Cancer Biology **Credit Hours: 3**

Select One:

- Restricted Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

Select One:

- MCB 4410 - Cellular Metabolism **Credit Hours: 3**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- PCB 4529C - Experimental Molecular Cell Biology **Credit Hours: 4**

Select One:

- Restricted Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Biomedical Sciences, Molecular Microbiology Track (B.S.)

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<https://med.ucf.edu/biomed/>
Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director, 407-823-5932

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.
- Grades below a C in Common Program Prerequisites, Core Requirements and restricted Electives will not be accepted.
- Students in this track must maintain a minimum science GPA of 3.2. Students who are unable to maintain such GPA, the student will have to revert back into the nontrack Biomedical Sciences B.S.
- Students should consult with a BSBS academic advisor at least once per semester.

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 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (Preferred)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311 - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

¹ or CHM 2040 and CHM 2041

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (Required)

Common Program Prerequisites (CPP)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ or CHM 2040 and CHM 2041

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- MAC 2311 - Calculus with Analytic Geometry I (GEP)

Select one of the following sequences of courses:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
- or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level

Math and Statistics

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- MAC 2311 - Calculus with Analytic Geometry I (GEP)

Chemistry

- 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**

Core Requirements: Advanced Level

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**

Select One:

- BCH 4024 - Medical Biochemistry **Credit Hours: 4**
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Track Core Requirements

- MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions **Credit Hours: 3**
- MCB 4404 - Bacterial Genetics and Physiology **Credit Hours: 3**
- MCB 4201 - Microbial Stress Response **Credit Hours: 3**

Restricted Electives

Students must choose 3 courses from the list below:

At least 2 must have a laboratory component

¹ Must also choose MCB 3203L - Pathogenic Microbiology laboratory

As an alternative to one 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, including elective laboratory courses.

Additional restricted electives can be taken as approved by the associate director.

- BOT 4434C - General Mycology **Credit Hours: 4**
- MCB 3203 - Pathogenic Microbiology **Credit Hours: 3**¹
- MCB 4503C - Virology **Credit Hours: 3**
- MCB 3202 - Principles of Infectious Disease **Credit Hours: 3**
- MCB 4207 - Infectious Processes **Credit Hours: 3**
- MCB 4276 - Epidemiology of Infectious Diseases **Credit Hours: 3**
- MCB 4603 - Environmental Microbiology **Credit Hours: 3**
- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**
- MCB 4653 - Applied Industrial Microbiology **Credit Hours: 3**

- PCB 4028 - Molecular and Cellular Pharmacology **Credit Hours: 3**
- PCB 4284 - Immunobiology **Credit Hours: 3**

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
- 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

- 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

¹ Honors Section

- BSC 3403C - Quantitative Biological Methods
Credit Hours: 4¹

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 upperdivision courses.

Acceptable Substitutes for Transfer Courses

- the combination of CHM 2040 and CHM 2041 substitutes CHM 2045C.

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 (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311 - Calculus with Analytic Geometry I **Credit Hours: 4**
- General Education Program Course **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**
- 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**
- Restricted Elective **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**

Select One:

- PHY 2054C - College Physics II **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Select One:

- MCB 4404 - Bacterial Genetics and Physiology **Credit Hours: 3**

- MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions **Credit Hours: 3**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**

Senior Year - Fall (12 Credit Hours)

Select One:

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**
- MCB 4201 - Microbial Stress Response **Credit Hours: 3**
- Restricted Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

Select One:

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**

Select One:

- MCB 4404 - Bacterial Genetics and Physiology **Credit Hours: 3**
- MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions **Credit Hours: 3**
- Restricted Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Biomedical Sciences, Neuroscience Track (B.S.)

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<https://med.ucf.edu/biomed/>
Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director, 407-823-5932

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 CollegeSystem or State University System.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives will not be accepted.
- 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.

General Education Program (GEP)

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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

¹ or CHM 2040 and CHM 2041

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ¹ (Required)

Common Program Prerequisites (CPP)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- 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** (GEP)

Select one of the following sequences of courses:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
- or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level

Math and Statistics

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Chemistry

- 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**

Core Requirements: Advanced Level

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- MCB 4410 - Cellular Metabolism **Credit Hours: 3**

Select One:

- BCH 4024 - Medical Biochemistry **Credit Hours: 4**
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Track Core Requirements

- MCB 4224 - Molecular Biology of Diseases **Credit Hours: 3**
- PCB 4843 - Cellular and Molecular Neuroscience **Credit Hours: 3**
- ZOO 3744 - Neurobiology **Credit Hours: 3**
- ZOO 4743C - Clinical Neuroanatomy and Neuroscience **Credit Hours: 4**

Restricted Electives

Students must choose 3 courses. Two must come from the list below and the additional course can come from the broader list under the Biomedical Sciences (non-track).

Two of these three courses must have a laboratory component.

As an alternative to one 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, including elective laboratory courses.

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
- 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 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.oas.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 of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
Email: bsbsadvising@ucf.edu
<https://med.ucf.edu/biomed/>

Dr. Griffith Parks, Director
407-823-5932

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

- 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.
- 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 will not be accepted.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations

- 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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Select One: (4 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (21 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ This course is substituted with BSC 3403C.

² See Transfer Notes for possible substitutions.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4** ¹
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** ² (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (52 Credit Hours)

Life Sciences

- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- MCB 4720 - Industrial Perspectives Seminar **Credit Hours: 3**
- MCB 4312 - Molecular Biotechnology **Credit Hours: 3**
- PCB 4135 - Applied Molecular Cell Biology **Credit Hours: 3**
Select one of the following courses
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
or
- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**

Select one of the following sequences of courses:

- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
or
- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**

Chemistry

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**

Physics

Select one of the following sequences of courses:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Math

Select One: (3 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- MAC 2253 - Applied Calculus **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

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.

¹ Students must take MCB 3203L - Pathogenic Microbiology laboratory in order for the combination to count as 1 restricted elective

- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BCH 4103L - Biochemical Methods **Credit Hours: 2**
- MCB 3203 - Pathogenic Microbiology **Credit Hours: 3**¹
- MCB 4404 - Bacterial Genetics and Physiology **Credit Hours: 3**
- MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions **Credit Hours: 3**

- PCB 4284 - Immunobiology **Credit Hours: 3**
- MCB 4503C - Virology **Credit Hours: 3**
- MCB 4603 - Environmental Microbiology **Credit Hours: 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 3063 - Genetics **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- PCB 4234 - Cancer Biology **Credit Hours: 3**
- PCB 4521 - Tissue Engineering **Credit Hours: 3**
- PCB 4805 - Endocrinology **Credit Hours: 3**
- PCB 5275 - Signal Transduction Mechanics **Credit Hours: 3**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**

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
- 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

- 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.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**
- 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 PHY 2048C/PHY 2049C sequence must plan to accommodate MAC 2311C/MAC 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 (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 PHY 2048C/PHY 2049C sequence must plan to accommodate MAC 2311C/MAC 2312 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 PHY 2048C/PHY 2049C sequence must plan to accommodate MAC 2311C/MAC 2312 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 of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<https://med.ucf.edu/biomed/>

Dr. Griffith Parks, Director
Dorilyn Hitchcock, Program Director
Phone: 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).

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- 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.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (25 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ See Transfer Notes

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- ZOO 3733C - Human Anatomy **Credit Hours: 4**¹
- MCB 3020C - General Microbiology **Credit Hours: 5**¹
- PCB 3703C - Human Physiology **Credit Hours: 4**¹

Take all of the following: (4 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Take all of the following: (8 Credit Hours)

- 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**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level
(64 Credit Hours)

- MLS 3220C - Techniques in Clinical Microscopy **Credit Hours: 3**
- MLS 4625 - Advanced Clinical Chemistry I **Credit Hours: 3**
- MLS 4630 - Advanced Clinical Chemistry II **Credit Hours: 3**
- PCB 3233 - Immunology **Credit Hours: 3**
- MLS 4430C - Clinical Microbiology I **Credit Hours: 4**
- MLS 3305 - Hematology **Credit Hours: 3**
- MLS 4505C - Immunodiagnostics **Credit Hours: 3**
- MLS 4910 - Introduction to Clinical Research **Credit Hours: 1**
- MLS 4550 - Clinical Immunohematology **Credit Hours: 4**
- MLS 4460C - Clinical Pathogenic Microbiology **Credit Hours: 5**
- MLS 4334 - Hemostasis **Credit Hours: 3**

- MLS 4625L - Advanced Clinical Chem I Lab **Credit Hours: 1**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- MLS 3305L - Hematology Lab **Credit Hours: 2**
- MLS 4933 - Medical Technology Seminar **Credit Hours: 2**
- MLS 3705 - Concepts in Education/Management **Credit Hours: 3**
- MLS 4830L - Interpretive & Practical Clinical Chemistry **Credit Hours: 4**
- MLS 4831L - Interpretive & Practical Immunohematology **Credit Hours: 4**
- MLS 4832L - Interpretive & Practical Hematology **Credit Hours: 4**
- MLS 4833L - Diagnostic Microbiology **Credit Hours: 4**
- CGS 1060C - Introduction to Computers **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- MCB 3203 - Pathogenic Microbiology **Credit Hours: 3**

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

- 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.
- 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
- 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: 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 3020C - General Microbiology **Credit Hours: 5**
may be substituted with: MCB 2010C

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 (16 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- GEP **Credit Hours: 9**

Freshman Year - Spring (17 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: 6**

Sophomore Year - Fall (16 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- GEP **Credit Hours: 9**

Sophomore Year - Spring (17 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- MLS 3220C - Techniques in Clinical Microscopy **Credit Hours: 3**
- MLS 4625 - Advanced Clinical Chemistry I **Credit Hours: 3**
- MLS 4625L - Advanced Clinical Chem I Lab **Credit Hours: 1**
- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- MLS 4430C - Clinical Microbiology I **Credit Hours: 4**

Junior Year - Spring (15 Credit Hours)

- MLS 3305 - Hematology **Credit Hours: 3**
- MLS 3305L - Hematology Lab **Credit Hours: 2**
- MLS 4630 - Advanced Clinical Chemistry II **Credit Hours: 3**
- MLS 4460C - Clinical Pathogenic Microbiology **Credits Hours: 5**
- MCB 3203 - Pathogenic Microbiology **Credit Hours: 3**

Junior Year - Summer (7 Credit Hours)

- MLS 4334 - Hemostasis **Credit Hours: 3**
- MLS 4550 - Clinical Immunohematology **Credit Hours: 4**

Senior Year - Fall (16 Credit Hours)

- MLS 4830L - Interpretive & Practical Clinical Chemistry **Credit Hours: 4**
- MLS 4831L - Interpretive & Practical Immunohematology **Credit Hours: 4**
- MLS 4832L - Interpretive & Practical Hematology **Credit Hours: 4**
- MLS 4833L - Diagnostic Microbiology **Credit Hours: 4**

Senior Year - Spring (13 Credit Hours)

- MLS 4910 - Introduction to Clinical Research **Credit Hours: 1**
- MLS 4505C - Immunodiagnostics **Credit Hours: 3**
- MLS 4933 - Medical Technology Seminar **Credit Hours: 2**

- MLS 3705 - Concepts in Education/Management
Credit Hours: 3
- BSC 3403C - Quantitative Biological Methods
Credit Hours: 4

Minor

Biofluids Engineering Minor

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<https://med.ucf.edu/biomed/>
Email: bsbsadvising@ucf.edu
Dr. Griffith Parks, Director
Phone: 407-823-5932

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.

Math Foundations (11 Hrs)

- 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

Engineering Foundations (9 Hrs)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics
Credit Hours: 3
- EGN 3343 - Thermodynamics **Credit Hours: 3**

Thermofluids Foundations (3 Hrs)

- EML 3701 - Fluid Mechanics I **Credit Hours: 3**

Thermofluids Elective (3 Hrs)

- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3101 - Thermodynamics of Mechanical Systems **Credit Hours: 3**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- EML 4703 - Fluid Mechanics II **Credit Hours: 3**

Total Credit Hours: 26

Biomechanics Engineering Minor

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<http://biomed.ucf.edu>
Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director, 407-823-5932

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.

Math Foundations (11 Hrs)

- 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

Engineering Foundations (9 Hrs)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics
Credit Hours: 3
- EGN 3343 - Thermodynamics **Credit Hours: 3**

Mechanics Foundations (3 Hrs)

Mechanics Electives (3 Hrs)

- EML 3022C - Introduction to Computer Aided Engineering **Credit Hours: 3**
- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3262 - Kinematics of Mechanisms **Credit Hours: 3**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- EML 3500 - Design and Analysis of Machine Components **Credit Hours: 3**

Total Credit Hours: 26

Biomedical Sciences

Minor

College of Medicine
Burnett School of Biomedical Sciences
Health and Public Affairs II, Room: 335
<https://med.ucf.edu/biomed/>
Email: bsbsadvising@ucf.edu

Dr. Griffith Parks, Director
Phone: 407-823-5932

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (23 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods
Credit Hours: 4

Select One: (3 Credit Hours)

- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**

Restricted Electives (7 Credit Hours)

At least two courses from the Restricted Elective category of the baccalaureate curriculum.

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.

College of Nursing

Dean: Mary Lou Sole
UTWR 3RD floor; 407-823-5496
Email:ucfnurse@ucf.edu
<http://www.nursing.ucf.edu>

Chair, Nursing Practice: Maureen M. Covelli
UTWR 3rd floor; 407-823-4941

Chair, Nursing Systems: Joellen Edwards
UTWR 3rd floor; 407-823-3079

Faculty:

Allred, Anderson, Andrews, Blackwell, Bourgault, Breit, Burgunder, Burr, Bushy, Butts, Chase, Conner, Cook, Covelli, D'Amato-Kubiet, Deatrick, Decker, Decker, DeGennaro, Desmarais, Dever, Diaz, Duckworth, Eckhoff, Edwards, Galura, Gonzalez, Guido-Sanz, Heglund, Hill, Hoyt, Iacobellis, Keiffer, Kinchen, LaManna, Landreville, Lindo, Loerzel, Lopp, Luzincourt, Montoya, Neff, Neubauer, Ng, Peach, Quelly, Ricci, Sole, Sturgeon, Talbert, Tiwari, Thiamwong, Turnage, Upvall, Valenti, Warshawsky, Welch

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, second

degree accelerated, 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 a regionally accredited college or university 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 in Orlando, Cocoa, Daytona Beach, 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 Family Nurse Practitioner, Adult/Gerontology Primary Care Nurse Practitioner, Nurse Educator, and Nursing Leadership and Management. 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.

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. It is offered in a mostly online format with two Intensive on campus meetings per year.

The Doctor of Nursing Practice (DNP) prepares advanced practice nurses and nurse executives for leadership roles in specialized areas of advanced practice nursing. This program 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: <http://www.nursing.ucf.edu>

Academic Advisement

Office of Undergraduate Student Services

UTWR 3rd floor; 407-823-2744
Email: ucfnurse@ucf.edu
<http://www.nursing.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:
<http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the College of Nursing are listed below.

Major

Nursing (B.S.N.)

College of Nursing
UTWR, Room: 3rd floor
<http://www.nursing.ucf.edu>
Email: ucfnurse@ucf.edu

Dr. Mary Lou Sole, Dean
Dr. Maureen Covelli, Chair, Department of Nursing Practice
Dr. Kelly Allred, Director, Traditional BSN and Second Degree BSN Programs
Phone: 407-823-2744

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. 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. For more information on how this program may prepare you in that regard, please visit <https://nursing.ucf.edu/academics/nclex/>.

Nursing RN (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.

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 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 all applicants 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.

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 a college advisor or Florida College System A.A. transfer advisor regarding completion of General Education

requirements and the Common Program Prerequisites

- 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

General Education Program (GEP) (38 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major, bringing the total GEP hours to more than 36. The courses designated in sections 1 and 2 below may be taken at a Florida College System or State University System institution, and should be completed in the first 60 hours.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Mathematics (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Test.

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Statistics (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Economics/Political Science (3 Credit Hours)

Social Sciences (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Preferred)

Science Foundations (8 Credit Hours)

Physical Sciences (3 Credit Hours)

- CHM 1032 - General Chemistry **Credit Hours: 3** (Suggested)

Life Sciences (4 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (18 Credit Hours)

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 in writing by the College of Nursing. Petition forms are available on the College of Nursing website at <http://www.nursing.ucf.edu>.

¹ or other approved Science

- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- HUN 3011 - Human Nutrition **Credit Hours: 3**

- CHM 1032 - General Chemistry **Credit Hours: 3**¹ (GEP)
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (62 Credit Hours)

Any variation from the following must be approved in advance by the College of Nursing.

- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3616L - Health Promotion Across the Lifespan Clinical **Credit Hours: 1**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3145 - Pharmacology for Nursing Practice **Credit Hours: 3**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**

- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3816 - Professional Nurse Seminar **Credit Hours: 1**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**
- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**
- NUR 4945L - Nursing Practicum **Credit Hours: 4**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4637L - Public Health Nursing Clinical **Credit Hours: 1**

Restricted Electives (3 Credit Hours)

Nursing Electives

- One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

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

- 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
- 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

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. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- The following substitutions for Common Program Prerequisites may be acceptable if taken prior to transferring to UCF. Courses must be petitioned to the College of Nursing if not automatically approved.
 - CHM 1032: May substitute a college Chemistry course or approved Science course. **Credit Hours: 3**
 - DEP 2004C: May substitute a Human Growth & Development across Life Span **Credit Hours: 3**
 - HUN 3011: May substitute a Human Nutrition course **Credit Hours: 3**
 - MCB 2004C: May substitute a General Microbiology course which has a lab. **Credit Hours: 4**
 - PCB 3703C: May take an Anatomy and Physiology sequence (AP I & II). **Credit Hours: 4**
 - PSY 2012: May substitute a General Psychology course. **Credit Hours: 3**
 - STA 2014C: May substitute a Statistics course. **Credit Hours: 3**
 - SYG 2000: May substitute an Introductory Sociology course. **Credit Hours: 3**
 - ZOO 3733C: May take an Anatomy and Physiology sequence (AP I & II). **Credit Hours: 4**

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

Plan of Study

Freshman Year - Fall (13 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- PSY 2012 - General Psychology **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
OR STA 2014C Principles of Statistics
- CHM 1032 - General Chemistry **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Freshman Year - Summer (4 Credit Hours)

- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**

Sophomore Year - Fall (13 Credit Hours)

- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- GEP **Credit Hours: 3**
- HUN 3011 - Human Nutrition **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- PCB 3703C - Human Physiology **Credit Hours: 4**
- GEP **Credit Hours: 3**

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3616L - Health Promotion Across the Lifespan Clinical **Credit Hours: 1**

Junior Year - Spring (15 Credit Hours)

- NUR 3816 - Professional Nurse Seminar **Credit Hours: 1**
- NUR 3145 - Pharmacology for Nursing Practice **Credit Hours: 3**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
For the Cocoa & Daytona Cohorts, NUR 3445 and NUR 3445L are taken in senior fall semester.

Junior Year - Summer (9 Credit Hours)

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR XXXX - Nursing Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**
For the Cocoa and Daytona Cohorts, NUR 4535 and NUR 4535L are taken in the junior spring semester.

Senior Year - Spring (14 Credit Hours)

- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4945L - Nursing Practicum **Credit Hours: 4**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4637L - Public Health Nursing Clinical **Credit Hours: 1**
- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**

Nursing, Concurrent A.S.N. to B.S.N. Enrollment Option (B.S.N.)

College of Nursing
UTWR- 3rd Floor
<http://www.nursing.ucf.edu/>
Email: ucfnurse@ucf.edu

Dr. Mary Lou Sole, Dean
Dr. Joellen Edwards, Chair, Department of Nursing Systems
Dr. Stephen Heglund, Director, Post-Licensure BSN Programs
Phone: 407-823-2744

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. For more information on how this program may prepare you for licensure or certification, please visit <https://nursing.ucf.edu/academics/nclex/>.

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.

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 and Common Program Prerequisites should usually be completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Preferred)
- PSY 2012 - General Psychology **Credit Hours: 3** (Preferred)

Science Foundations (7 Credit Hours)

¹ Science Foundation is six credit hours for General Education Program. This BSC course is needed as a course prerequisite for Anatomy and Physiology and Health Microbiology.

² or other Physical Science

- BSC 2010C - Biology I **Credit Hours: 4**¹ (Required)
- CHM 1032 - General Chemistry **Credit Hours: 3**² (Required)

Common Program Prerequisites (CPP) (18 Credit Hours)

Applicants should see a UCF Nursing Advisor for possible course substitutions.

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ Or other approved science. Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.

² May take Anatomy and Physiology sequence (AP I & II) of eight total credits.

³ Also meets General Education Requirements; Applicants should see an advisor.

- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**
- CHM 1032 - General Chemistry **Credit Hours: 3**¹ (GEP)
- ZOO 3733C - Human Anatomy **Credit Hours: 4**²
- PCB 3703C - Human Physiology **Credit Hours: 4**²

- HUN 3011 - Human Nutrition **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Select One:

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- STA 2014C - Principles of Statistics **Credit Hours: 3**³ (GEP)

Select One:

- PSY 2012 - General Psychology **Credit Hours: 3**³ (GEP)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**³ (GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (57 Credit Hours)

Seminole State Concurrent Track (28 Credit Hours)

- NUR 3806 - Professional Socialization Seminar **Credit Hours: 1**
- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**
- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**

Valencia College Concurrent Track (28 Credit Hours)

- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3806 - Professional Socialization Seminar **Credit Hours: 1**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**

Upper Division Credit (29 Credit Hours)

Upper Division Credit may be met by Validation and RN License.

- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**

- NUR 4535L - Psychiatric Mental Health Clinical
Credit Hours: 2

Restricted Electives (3 Credit Hours)

- One College of Nursing elective. A list of approved restricted electives is found in the myKnight audit.

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
- 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

- See Nursing HIM 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Plan of Study (Freshman & Sophomore)

Freshman Year - Fall (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- MAC 1105C - College Algebra **Credit Hours: 3**
- PSY 1012 - General Psychology **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
OR STA 2014C Principles of Statistics
- CHM 1032 - General Chemistry **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Freshman Year - Summer (4 Credit Hours)

- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**

Sophomore Year - Fall (13 Credit Hours)

- ZOO 3733C - Honors Human Anatomy **Credit Hours: 4**
- HUN 3011 - Human Nutrition **Credit Hours: 3**
General Education Course
General Education Course

Sophomore Year - Spring (13 Credit Hours)

- PCB 3703C - Human Physiology **Credit Hours: 4**
General Education Course
General Education Course
General Education Course

Plan of Study (Seminole State Junior & Senior)

Junior Year - Fall (1 Credit Hour)

- NUR 3806 - Professional Socialization Seminar **Credit Hours: 1**
Also Enrolled in ASN Degree Program at SSC

Junior Year - Spring (3 Credit Hours)

- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
Also Enrolled in ASN Degree Program at SSC

Junior Year - Summer (3 Credit Hours)

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
Also Enrolled in ASN Degree Program at SSC

Senior Year - Fall (6 Credit Hours)

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
Also Enrolled in ASN Degree Program at SSC

Senior Year - Spring (6 Credit Hours)

Graduate with ASN from SSC

- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
Also Enrolled in ASN Degree Program at SSC

Senior Year - Summer (6 Credit Hours)

- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
NUR XXXX Nursing Elective

Fifth Year - Fall (6 Credit Hours)

Must have RN License

- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**

Plan of Study (Valencia Junior & Senior)

Junior Year - Fall (3 Credit Hours)

- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
Also Enrolled in ASN Degree Program at Valencia

Junior Year - Spring (3 Credit Hours)

- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
Also Enrolled in ASN Degree Program at Valencia

Junior Year - Summer (4 Credit Hours)

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3806 - Professional Socialization Seminar **Credit Hours: 1**
Also Enrolled in ASN Degree Program at Valencia

Senior Year - Fall (3 Credit Hours)

- NUR 3165 - Nursing Research **Credit Hours: 3**
Also Enrolled in ASN Degree Program at Valencia

Senior Year - Spring (2 Credit Hours)

Finish ASN at Valencia

- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
Also Enrolled in ASN Degree Program at Valencia

Senior Year - Summer (9 Credit Hours)

- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
NUR XXXX Nursing Elective

Fifth Year - Fall (7 Credit Hours)

Must have RN License

- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**

Nursing, R.N. to B.S.N. Program (B.S.N.)

College of Nursing
UTWR, Room: 3rd floor

<http://www.nursing.ucf.edu>

Email: ucfnurse@ucf.edu

Dr. Mary Lou Sole, Dean

Dr. Joellen Edwards, Chair, Department Of Nursing Systems

Dr. Stephen Heglund, Director, Post-Licensure BSN Programs

Phone: 407-823-2744

BSN completion program for individuals who are licensed RNs. Students must complete all university-wide graduation requirements (general education, 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. For more information, please

visit <https://nursing.ucf.edu/academics/bachelors-degrees/online-rn-bsn/#faqs>.

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.

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 College of Nursing Undergraduate Student Services Office for clarification or questions regarding Common Program Prerequisites (CPP) requirements.
- The courses designated in sections 1 and 2 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 UCF General Education Program (GEP) 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- Select a course from Social Foundations, Area 1 **Credit Hours: 3**

Select One: (3 Credit Hours)

¹ One of these courses is required to meet General Education requirements.

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** ¹ (Required)
- PSY 1212 - General Psychology **Credit Hours: 3** ¹ (Required)

Science Foundations (6 Credit Hours)

¹Science Foundation is 6 credit hours for General Education Program. The BSC course is needed as a course prerequisite for Anatomy and Physiology and Health Microbiology. Chemistry is a prerequisite for Nutrition(HUN 3011)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 1032 - General Chemistry **Credit Hours: 3** ¹ (Required)

Common Program Prerequisites (CPP) (18 Credit Hours)

- See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.

² (or other approved Science)Also meets General Education Requirements; Applicants should see a UCF Nursing Advisor for possible course substitutions.

³ May take Anatomy and Physiology sequence (AP I & II) of eight total credits

Select One:

- PSY 1212 - General Psychology **Credit Hours: 3** ¹ (GEP)
or
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** ¹ (GEP)
- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**
- CHM 1032 - General Chemistry **Credit Hours: 3** ² (GEP)
- ZOO 3733C - Human Anatomy **Credit Hours: 4** ³
- PCB 3703C - Human Physiology **Credit Hours: 4** ³
- HUN 3011 - Human Nutrition **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Select One:

- STA 2014C - Principles of Statistics **Credit Hours: 3** ¹ (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (56 Credit Hours)

UCF Core (27 Credit Hours)

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3165 - Nursing Research **Credit Hours: 3**

- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**

Upper Division Credit (29 Credit Hours)

Upper Division Credit may be met by Validation and RN License.

- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**

Restricted Electives (3 Credit Hours)

- One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

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
- 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

- Contact Program Director or HIM 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

Plan of Study (30 Credit Hours)

- assuming general education, foreign language, and nursing prerequisites are complete

Junior Year - Fall

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**

Junior Year - Spring

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**

Junior Year - Summer

- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**

Senior Year - Fall

- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR/NSP XXXX - Nursing Elective **Credit Hours: 3**

Senior Year - Spring

- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**

Accelerated Undergraduate-Graduate Program

Nursing, Accelerated Second Degree B.S.N. Option (B.S.N.)

College of Nursing

UTWR, Room: 3rd floor

<http://www.nursing.ucf.edu>

Email: ucfnurse@ucf.edu

Dr. Mary Lou Sole, Dean

Dr. Maureen Covelli, Chair, Dept of Nursing Practice

Dr. Kelly Allred, Director, Traditional and Second Degree BSN Programs

Phone: 407-823-2744

For individuals who are not Registered Nurses but who hold a baccalaureate or higher degree from a regionally accredited college or university. 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. For more information on how this program may prepare you in that regard, please visit <https://nursing.ucf.edu/academics/nclex/>.

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 a regionally accredited college or university 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 all applicants 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.

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)

UCF General Education Program (GEP)

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (27 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information. Any variation from the stated prerequisites must be approved in writing by the College of Nursing. Petition forms are available in the College of Nursing office.

¹ science prerequisite

² or other approved science prerequisite

- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4** ¹
- CHM 1032 - General Chemistry **Credit Hours: 3** ²
- ZOO 3733C - Human Anatomy **Credit Hours: 4** ¹
- PCB 3703C - Human Physiology **Credit Hours: 4** ¹
- HUN 3011 - Human Nutrition **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Select One: (3 Credit Hours)

- PSY 1012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (57 Credit Hours)

Any variation from the following must be approved by the College of Nursing.

¹ Students without a research course on transcript must take NUR 3165 **Credit Hours: 3**

- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3616L - Health Promotion Across the Lifespan Clinical **Credit Hours: 1**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3145 - Pharmacology for Nursing Practice **Credit Hours: 3**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3816 - Professional Nurse Seminar **Credit Hours: 1**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
- NUR 3167 - Accelerated Nursing Research Seminar **Credit Hours: 1** ¹
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4829 - Accelerated Transitioning into Professional Practice as a Leader **Credit Hours: 3**

- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**
- NUR 4945L - Nursing Practicum **Credit Hours: 4**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4637L - Public Health Nursing Clinical **Credit Hours: 1**

Restricted Electives (3 Credit Hours)

Nursing Elective (3 Credit Hours)

- One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

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
- 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: 60

Additional Information

Honors In Major

- University Honors and Honors in the Major 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. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- The following substitutions for Common Program Prerequisites may be acceptable if taken prior to transferring to UCF. Courses must be petitioned to the College of Nursing if not automatically approved.
- General Psychology (PSY X012) or a General Psychology course **Credit Hours: 3**

- General Sociology (SYG 2000) or an Intro to Sociology course **Credit Hours: 3**
- Statistics (STA 2014C or STA 2023) or a Statistics course **Credit Hours: 3**
- General Chemistry (CHM 1032 or another approved chemistry course **Credit Hours: 3** or approved science course **Credit Hours: 3**
- Human Anatomy and Physiology I & II w/lab (BSC 2093/2094) or (BSC X085/X086) or an A&P I&II **Credit Hours: 8**
- General Microbiology (MCB 3020C) (MCB X010C) w/lab or a Microbiology course w/lab. **Credit Hours: 4**
- Developmental Psychology (DEP 2004C) or a Human Growth & Development Across Life Span **Credit Hours: 3**
- Human Nutrition (HUN 3011 or 2202 or HUN 2201) or a Human Nutrition course **Credit Hours: 3**

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Plan of Study

First Semester - Summer (15 Credit Hours)

- NUR 3065 - Health Assessment **Credit Hours: 2**

- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 3616L - Health Promotion Across the Lifespan Clinical **Credit Hours: 1**

Second Semester - Fall (15 Credit Hours)

- NUR 3816 - Professional Nurse Seminar **Credit Hours: 1**
- NUR 3145 - Pharmacology for Nursing Practice **Credit Hours: 3**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**

Third Semester - Spring (18 Credit Hours)

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**
NUR XXXX Nursing Elective (if needed)

Fourth Semester - Summer (14 Credit Hours)

- NUR 4829 - Accelerated Transitioning into Professional Practice as a Leader **Credit Hours: 3**
- NUR 4945L - Nursing Practicum **Credit Hours: 4**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 4637L - Public Health Nursing Clinical **Credit Hours: 1**
- NUR 4257 - Introduction to Critical Care Nursing **Credit Hours: 3**

Articulated A.S. Programs

Nursing, A.S. to B.S.N. Track (B.S.N.)

College of Nursing

UTWR, Room: 3rd floor

<http://www.nursing.ucf.edu>

Email: ucfnurse@ucf.edu

Dr. Mary Lou Sole, Dean

Dr. Joellen Edwards, Chair, Department of Nursing Systems

Dr. Stephen Heglund, Director, Post-Licensure BSN Programs

Phone: 407-823-2744

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. For more information on how this program may prepare you for licensure or certification, please visit <https://nursing.ucf.edu/academics/nclex/>.

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.

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) 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.

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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (7 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 1032 - General Chemistry **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP) (18 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

¹ (or other Approved Science) Also meets general education requirements; applicants should see a UCF Nursing advisor for possible course substitutions.

² May take Anatomy and Physiology sequence of eight total credits

³ Also meets general education requirements; applicants should see a UCF Nursing advisor for possible course substitutions.

- CHM 1032 - General Chemistry **Credit Hours: 3**¹ (GEP)
- HUN 3011 - Human Nutrition **Credit Hours: 3**
- MCB 2004C - Microbiology for Health Professionals **Credit Hours: 4**
- PCB 3703C - Human Physiology **Credit Hours: 4**²
- ZOO 3733C - Human Anatomy **Credit Hours: 4**²
- DEP 2004 - Developmental Psychology **Credit Hours: 3**

Select One:

- STA 2014C - Principles of Statistics **Credit Hours: 3**³ (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Select One:

- PSY 2012 - General Psychology **Credit Hours: 3** (GEP)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (GEP)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (56 Credit Hours)

UCF Core (27 Credit Hours)

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**
- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**
- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**

Upper Division Credit (29 Credit Hours)

May be met by validation and RN License

- NUR 3028 - Essentials of Nursing Practice **Credit Hours: 3**
- NUR 3028L - Essentials of Nursing Practice Lab **Credit Hours: 1**
- NUR 3755L - Essentials of Nursing Practice Clinical **Credit Hours: 2**
- NUR 3225L - Nursing Care of the Adult I: Clinical Practice: **Credit Hours: 2**
- NUR 3445 - Nursing Care of Families **Credit Hours: 4**
- NUR 3445L - Nursing Care of Families Clinical **Credit Hours: 2**
- NUR 4227 - Nursing Care of the Adult II **Credit Hours: 4**
- NUR 4227L - Nursing Care of the Adult II: Clinical Practice **Credit Hours: 3**
- NUR 4535 - Psychiatric Mental Health Nursing **Credit Hours: 3**
- NUR 4535L - Psychiatric Mental Health Clinical **Credit Hours: 2**
- NUR 3225 - Nursing Care of the Adult I **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

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; and 2) 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
- 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

- Contact Program Coordinator or HIM Advisor

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
- Health Informatics and Information Management 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

- NUR 4604L - Practicum in Community and Public Health Nursing for RNs **Credit Hours: 4**

Plan of Study (30 Credit Hours)

- assuming general education, foreign language and nursing prerequisites are complete

First Semester (3 Credit Hours)

- NUR 3125 - Pathophysiology for Nursing Practice **Credit Hours: 3**
While enrolled in ASN

Second Semester (3 Credit Hours)

- NUR 3065 - Health Assessment **Credit Hours: 2**
- NUR 3065L - Health Assessment Lab **Credit Hours: 1**
While enrolled in ASN

Third Semester (3 Credit Hours)

- NUR 3805 - Dimensions of Professional Nursing Practice **Credit Hours: 3**
While enrolled in ASN

Fourth Semester (6 Credit Hours)

- NUR 3165 - Nursing Research **Credit Hours: 3**
- NUR/NSP XXXX - Nursing Elective **Credit Hours: 3**

Fifth Semester (8 Credit Hours)

- NUR 3616 - Health Promotion Across the Lifespan **Credit Hours: 2**
- NUR 4837 - Health Care Issues, Policy, and Economics **Credit Hours: 3**
- NUR 4828 - Nursing Leadership, Management and Role Transition **Credit Hours: 3**

Sixth Semester (7 Credit Hours)

- NUR 4637 - Public and Community Health Nursing **Credit Hours: 3**

College of Optics and Photonics

Dean and Director: Bahaa Saleh
CROL 207; 407-823-6800

College Website
www.creol.ucf.edu

Associate Dean for Academic Affairs: David J. Hagan
CROL 209; 407-823-6817

Associate Director, Academic Affairs: Mike McKee
CROL 108B; 407-823-6376; undergrad@creol.ucf.edu

Faculty: Abouraddy, Amezcua-Correa, Aregenti, Bandres, Chang, Christodoulides, Delfyett, Deppe, Dogariu, Driggers, Fathpour, Gelfand, Glebov, Gaume, Hagan, Han, Kar, Khajavikhan, Kik, Kuebler, Li, LiKamWa, Pang, Patel, Moharam, Renshaw, K. Richardson, M. Richardson, Saleh, Schoenfeld, Schülzgen, Soileau, Vodapyanov, Wu, Yu

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, 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.
8. Retain students in the Photonic Science and Engineering Bachelor of Science program.

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 www.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 <https://www.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:
<http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the College of Optics and Photonics are listed below.

Major

Photonic Science and Engineering (B.S.P.S.E.)

College of Optics and Photonics
CREOL, Room: 108B
Email: undergrad@creol.ucf.edu

Phone: 407-823-6376

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 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 <https://www.creol.ucf.edu/academics/undergrad/mission-educational-objectives-abet/>.

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 2048C, and CHS 1440 or CHM 2045C.

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 and 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.
- Students in the BSPSE Major must obtain a 2.0 or greater GPA in the following courses: EGN 3211, EEL 3004C, EEL 3123C, and MAP 2302

General Education Program (GEP) (38 Credit Hours)

- Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions for each Foundation 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 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**

Cultural & Historical Foundations (9 Credit Hours)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Suggested)

- Select one additional class from either Historical or Cultural Foundations **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Suggested)
- THE 2000 - Theatre Survey **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)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Select One (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ANT 2000 - General Anthropology **Credit Hours: 3**

Science Foundations (7 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)
- Choose one class 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 postsecondary schools and may be transferred directly to UCF programs.

A "C" (2.0) or better is required in all CPP courses listed below.

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Part of GEP Credit Total)
- 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** (Part of GEP Credit Total)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Select One: (3 Credit Hours)

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (6-8 Credit Hours)

¹ C (2.0) or better required

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3** ¹
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (Part of GEP Credit Total)

Core Requirements: Advanced Level (47 Credit Hours)

Engineering Requirements (17 Credit Hours)

¹ C (2.0) or better required.

- EEL 3004C - Linear Circuits I **Credit Hours: 3** ¹
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEL 3123C - Linear Circuits II **Credit Hours: 3** ¹
- EEE 3307C - Electronics I **Credit Hours: 4**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**

Photonics Requirements (30 Credit Hours)

- OSE 3200 - Geometric Optics **Credit Hours: 3**
- OSE 3200L - Geometric Optics Lab **Credit Hours: 1**
- OSE 3052 - Foundations of Photonics **Credit Hours: 3**
- OSE 3052L - Foundations of Photonics Laboratory **Credit Hours: 1**
- OSE 3053 - Electromagnetic Waves for Photonics **Credit Hours: 3**
- OSE 4520 - Laser Engineering **Credit Hours: 3**
- OSE 4520L - Laser Engineering Laboratory **Credit Hours: 1**
- OSE 4410 - Optoelectronics **Credit Hours: 3**
- OSE 4410L - Optoelectronics Laboratory **Credit Hours: 1**
- OSE 4470 - Fiber-Optic Communications **Credit Hours: 3**
- OSE 4470L - Fiber-Optic Communications Laboratory **Credit Hours: 1**
- OSE 4830 - Imaging and Display **Credit Hours: 3**
- OSE 4830L - Imaging and Display Laboratory **Credit Hours: 1**
- OSE 4930 - Frontiers of Optics and Photonics **Credit Hours: 3**

Restricted Electives

- Please refer to the myKnight Audit for a list of approved restricted electives.
- Students must complete 10-12 restricted elective credits. Students must select at least 3 credit hours of restricted electives with the course prefix OSE. The remaining 7 hours may be taken from approved upper level photonics, engineering, physics, mathematics, or other related electives. All electives must be approved

by the program advisor. See myKnight audit for complete list of approved electives. If EGS 1006C and EGN 1007C are not completed, the restricted electives requirement increases to 12 hrs.

- Students who are Electrical or Computer Engineering double degree majors along with Photonic Science and Engineering majors and who enroll in OSE 4953 will have their restricted elective credit hour total reduced by 2 (1 credit hour per course enrolled).
- 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 Requirements (6-8 Credit Hours)

- OSE 4951 - Senior Design I **Credit Hours: 3**
- OSE 4952 - Senior Design II **Credit Hours: 3**
or
- EEL 4914 - Senior Design I **Credit Hours: 3**
- EEL 4915L - Senior Design II **Credit Hours: 3**
- OSE 4953 - Senior Design Double Major ECE **Credit Hours: VAR** (Taken 2 times, once for EEL 4914 and once for EEL 4915L)
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)

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
- 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

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 (C preferred).
- 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.

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/academiclearningcompacts.html>

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term

Plan of Study (128 Credit Hours)

Freshman Year - Fall (15 Credit Hours)

- Historical Foundation **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4**

Freshman Year - Spring (15 Credit Hours)

- ENC 1101 - Composition I **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**

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- OSE 3200 - Geometric Optics **Credit Hours: 3**
- OSE 3200L - Geometric Optics Lab **Credit Hours: 1**
- Science Foundation **Credit Hours: 3**

Sophomore Year - Summer (12 Credit Hours)

- EEL 3123C - Linear Circuits II **Credit Hours: 3**
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP Social Foundation **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EEE 3307C - Electronics I **Credit Hours: 4**
- OSE 3052 - Foundations of Photonics **Credit Hours: 3**
- OSE 3052L - Foundations of Photonics Laboratory **Credit Hours: 1**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- HUM 2020 - Encountering the Humanities **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- OSE 3053 - Electromagnetic Waves for Photonics **Credit Hours: 3**
- OSE 4410 - Optoelectronics **Credit Hours: 3**
- OSE 4410L - Optoelectronics Laboratory **Credit Hours: 1**
- OSE 4520 - Laser Engineering **Credit Hours: 3**
- OSE 4520L - Laser Engineering Laboratory **Credit Hours: 1**
- Restricted Elective (Suggested OSE 4240 - Introduction to Optical Design) **Credit Hours: 3**

Senior Year - Fall (14 Credit Hours)

- OSE 4470 - Fiber-Optic Communications **Credit Hours: 3**
- OSE 4470L - Fiber-Optic Communications Laboratory **Credit Hours: 1**
- OSE 4951 - Senior Design I **Credit Hours: 3**
- OSE 4930 - Frontiers of Optics and Photonics **Credit Hours: 3**
- OSE 4830 - Imaging and Display **Credit Hours: 3**
- OSE 4830L - Imaging and Display Laboratory **Credit Hours: 1**

Senior Year - Spring (13 Credit Hours)

- OSE 4952 - Senior Design II **Credit Hours: 3**
- Restricted Elective - Suggest MAS 3105 Matrix and Linear Algebra **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Historical Foundation **Credit Hours: 3**

College of Sciences

Dean: Michael Johnson
CSB 201; 407-823-1997
<http://sciences.ucf.edu/>

Associate Dean: Teresa Dorman
CSB 201; 407-823-5167

Associate Dean: Tosha Dupras
CSB 201; 407-823-6725

Associate Dean: Enrique del Barco
CSB 201; 407-823-1912

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, Political Science, Psychology, Sociology, and Statistics. The college also shared with the College of Arts and Humanities oversight of the Nicholson School of Communication and Media, an interdisciplinary, inter-college unit. In addition, the college houses several additional academic and research units, including the Arboretum, Global Perspectives, the Lou Frey Institute of Politics and Government, the National Center for Forensic Science, and iSTEM (Initiatives in Sciences, Technology, Engineering, and Mathematics).

The College is responsible for 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: <http://www.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 as defined by each department (see program specific requirements). Some departments also require a minimum grade in specified courses and/or in portions of the program of study. Consult the program requirements and a 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 satisfy the requirement unless specifically permitted within the major (see "Foreign Language Requirements" under specific program requirements).

Preprofessional Programs

Prelaw Program

Prelaw Advisor: Roger Handberg
PH 302; 407-823-2608

Office of Pre-Health and Pre-Law Advising:
<http://www.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). General information pertaining to programs of study, the LSAT, careers, and law schools can be obtained from the Pre-Law Advisor. Advisement within the major is provided by the department offering the major. Students are also encouraged to seek advisement from the university's Office of Pre-Health and Pre-Law Advising.

Prehealth Professions

Office of Pre-Health and Pre-Law Advising:
<http://www.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. The College of Sciences offers many of the courses that fulfill admission requirements for professional schools in the health sciences. Refer to the Biology Preprofessional Concentration for additional information. Students are also 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
CSB 250; 407-823-6131
Email: cosas@ucf.edu
<http://sciences.ucf.edu/cosas/>

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 primary advisors, one within COSAS and one within the department of their major. Second year students transitioning from the "First Year" advising offices should make an appointment with their COSAS advisor by the end of the fall term of their second year at UCF. At that appointment, students will also then be referred to an advisor within the department of their major. New transfer students within COS should meet with their COSAS advisor 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 our website.

Program Academic Learning Compacts

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

Graduate Programs

For a full list of Graduate programs click [here](#). All Undergraduate programs for the College of Sciences are listed below.

Department of Anthropology

Interim Chair: John Schultz
PH 309; 407-823-2227
Email: anthro@ucf.edu
<http://sciences.ucf.edu/anthropology>

Associate Chair: Ty Matejowsky
Undergraduate Coordinator: Sarah (Stacy) Barber

Please see the department website for a listing of the department's faculty and staff.

The undergraduate Anthropology program provides students with broad knowledge of the field's four sub-disciplines: cultural anthropology, physical anthropology, archaeology, and linguistics. Students gain the skills needed to apply the concepts, methods, and theories of Anthropology in the real world. Graduates are well prepared for careers in various industries or graduate school. While undergraduate students are exposed to each of Anthropology's subdisciplines, the training for advanced work in each field differs. Thus, students should consult with their departmental advisor early in their academic careers. There is a wide range of research, internship, and service learning experiences available to students. The Department of Anthropology offers a Bachelor of Arts in Anthropology, a number of minors or undergraduate certificate programs (see below for full list), a Master of Arts in Anthropology, a graduate certificate in Geographic Information Systems, and a PhD in Integrative Anthropological Sciences.

Major

Anthropology (B.A.)

College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), Room: 309
<https://sciences.ucf.edu/anthropology>
Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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.

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

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 Program (GEP) (36 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3** (Required)
- Cultural and Historical Foundation - **Credit Hours: 3**
- Cultural and Historical Foundation - **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

Select one:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Suggested)

Social Foundations (6 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Suggested)
- Select from the Social Foundation, Area 1 list **Credit Hours: 3**

Science Foundations (6 Credit Hours)

- ANT 2511 - The Human Species **Credit Hours: 3** (Required)
- Select from the Science Foundation, Area 1 list **Credit Hours: 3**

Common Program Prerequisites (CPP)

- ANT 2000 - General Anthropology **Credit Hours: 3** (GEP)
- ANT 2511 - The Human Species **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (6 Credit Hours)

Core-Required, also satisfy the CPP

- ANT 2511 - The Human Species **Credit Hours: 3** (GEP/ CPP)

Take all of the following: (6 Credit Hours)

- ANT 2140 - Archaeology and the Rise of Human Culture **Credit Hours: 3**
- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**

Core Requirements: Advanced Level (6 Credit Hours)

- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 4034 - History of Anthropological Thought **Credit Hours: 3**

Anthropology B.A. Tracks

- Students must choose either the General Track or the Anthropological Methods and Practice Track

Restricted Electives (30 Credit Hours)

Anthropology B.A. General Track (30 Credit Hours)

Core Requirements (6 Credit Hours)

- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**

Select One:

- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
- ANT 4586C - Human Origins **Credit Hours: 3**

General Track Restricted Electives (24 Credit Hours)

Area Study (3 Credit Hours)

Select one from the following courses:

- ANT 3107 - Blood and Valor in the Viking World **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3176 - African Archaeology and Prehistory **Credit Hours: 3**
- ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**
- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**
- ANT 4153 - North American Archaeology **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**
Additional area study electives with the ANT prefix can be taken as approved by an advisor.

Additional Restricted Electives (21 Credit Hours)

- Select 7 additional upper-level Anthropology courses; 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 **Credit Hours: 3**
- ANT 3940 - Internship **Credit Hours: 3**
- ANT 3949 - Cooperative Education in Anthropology **Credit Hours: 0**
- ANT 3943 - Caribbean Archaeology Practicum **Credit Hours: 3**
- ANT 3955 - Study Abroad **Credit Hours: 3**
- ANT 4906 - Directed Independent Study **Credit Hours: 3**
- ANT 4912 - Directed Independent Research **Credit Hours: 3**
- ANT 4941 - Internship **Credit Hours: 3**
- ANT 4949 - Cooperative Education **Credit Hours: 3**
- ANT 4955 - Study Abroad **Credit Hours: 3**
- ANG 5907 - Independent Study **Credit Hours: 3**
- ANG 5917 - Directed Research **Credit Hours: 3**

None of the following may be taken:

- ANT 4903H - Honors Directed Reading I **Credit Hours: 3**
- ANT 4904H - Honors Directed Reading II **Credit Hours: 3**
- ANT 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Anthropology B.A. Anthropological Methods and Practice Track (30 Credit Hours)

- Additional core requirement courses with the ANT prefix and required concentration can be taken as approved by an advisor.

Core Requirements: Anthropological Methodology and Theory (3 Credit Hours)

Select one:

- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
- ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**
- ANT 4591 - Quantitative Methods in Biological Anthropology **Credit Hours: 3**

Core Requirements: Applied, Field, or Laboratory Method (3 Credit Hours)

Select one:

- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 4187 - Paleoethnobotany **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
- ANT 4525C - Human Osteology **Credit Hours: 4**
- ANT 4586C - Human Origins **Credit Hours: 3**
- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**

- ANT 4854 - Advanced GIS Methods in Anthropology **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
- ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**
- ANT 4591 - Quantitative Methods in Biological Anthropology **Credit Hours: 3**

Core Requirements: High-Impact Learning Experience (3 Credit Hours)

Select one:

- ANT 3940 - Internship **Credit Hours: 3**
- ANT 3943 - Caribbean Archaeology Practicum **Credit Hours: 3**
- ANT 3949 - Cooperative Education in Anthropology **Credit Hours: 3**
- ANT 3955 - Study Abroad **Credit Hours: 3**
- ANT 4912 - Directed Independent Research **Credit Hours: 3**
- ANT 4941 - Internship **Credit Hours: 3**
- ANT 4949 - Cooperative Education **Credit Hours: 3**
- ANT 4955 - Study Abroad **Credit Hours: 3**
- ANT 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Anthropological Methods and Practice Track Restricted Electives (21 Credit Hours)

- Select 7 additional upper-level Anthropology courses; 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.
- ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead **Credit Hours: 3**
- ANT 3106 - Archaeology and Popular Culture **Credit Hours: 3**
- ANT 3107 - Blood and Valor in the Viking World **Credit Hours: 3**

- ANT 3142 - Old World Prehistory **Credit Hours: 3**
- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3173 - Archaeology of Sex **Credit Hours: 3**
- ANT 3176 - African Archaeology and Prehistory **Credit Hours: 3**
- ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**
- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**

- ANT 3451 - Race Matters: Anthropological Approaches to Racism **Credit Hours: 3**
 - ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
 - ANT 3550C - Primatology **Credit Hours: 3**
 - ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
 - ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
 - ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
 - ANT 4051 - Environmental Anthropology **Credit Hours: 3**
 - ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
 - ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
 - ANT 4123 - Archaeology of Coastal Societies **Credit Hours: 3**
 - ANT 4153 - North American Archaeology **Credit Hours: 3**
 - ANT 4170 - Household Archaeology: The Archaeology of Everyday Life **Credit Hours: 3**
 - ANT 4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender **Credit Hours: 3**
 - ANT 4183 - Archaeological Sciences **Credit Hours: 3**
 - ANT 4184 - Mortuary Archaeology **Credit Hours: 3**
 - ANT 4187 - Paleoethnobotany **Credit Hours: 3**
 - ANT 4189 - Lithic Analysis: Archaeology of Stone Tools **Credit Hours: 3**
 - ANT 4303 - Anthropology of Tourism **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**
 - ANT 4406 - Pain and Suffering: The Anthropology of Violence **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 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
 - ANT 4482 - Anthropology of Mental Health **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**
 - ANT 4591 - Quantitative Methods in Biological Anthropology **Credit Hours: 3**
 - ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
 - ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**
 - ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**
 - ANT 4854 - Advanced GIS Methods in Anthropology **Credit Hours: 3**
- One course can be used if not taken to complete Core Requirements: High-Impact Learning Experience:
- ANT 3940 - Internship **Credit Hours: 3**
 - ANT 3949 - Cooperative Education in Anthropology **Credit Hours: 3**
 - ANT 4941 - Internship **Credit Hours: 3**
 - ANT 4949 - Cooperative Education **Credit Hours: 3**
 - ANT 4970H - Undergraduate Honors Thesis **Credit Hours: 3**
- Students may not receive credit towards Core Requirements: High-Impact Learning Experience or Restricted Electives for both the 3000 and 4000 level Internship or Cooperative Education Courses
- None of the following maybe taken as restricted electives:

- ANT 4903H - Honors Directed Reading I **Credit Hours: 3**
- ANT 4904H - Honors Directed Reading II **Credit Hours: 3**
- ANT 3943 - Caribbean Archaeology Practicum **Credit Hours: 3**
- ANT 3955 Study Abroad **Credit Hours: 3**
- ANT 4906 - Directed Independent Study **Credit Hours: 3**
- ANT 4912 - Directed Independent Research **Credit Hours: 3**
- ANT 4955 - Study Abroad **Credit Hours: 3**

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 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

- None

Departmental Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 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 hrs) and a "C" (2.0) or better is earned are also included in the GPA calculation.
- Students will be required to take a standard exit exam.

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

- 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

- Social Sciences (B.S.)
- Sociology (B.A./ B.S.)

Certificates

- Anthropology of Global Health Certificate
- Crime Scene Investigation Certificate
- Cultural Tourism Certificate
- Geographic Information Systems Certificate
- Health Communication Certificate
- Human Biology Certificate
- Native American Studies Certificate

Related Minors

- The first seven 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
- 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

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".

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.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.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (12 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP-Math **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- Foreign Language (XXX1120C) **Credit Hours: 4**

Freshman Year - Summer (7 Credits)

- GEP **Credit Hours: 3**
- Foreign Language XXX1121 **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- ANT 2140 - Archaeology and the Rise of Human Culture **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- Anthro Area Study **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- Elective **Credit Hours: 3**

- Elective **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
or
- ANT 4586C - Human Origins **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- ANT 4034 - History of Anthropological Thought **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Summer (3 Credits)

- Restricted Elective **Credit Hours: 3**
Field School is strongly recommended

Senior Year - Fall (13 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Senior Year - Spring (12 Credit Hours)

- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Exit Exam

Minor

American Indian Studies Minor

College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), Room: 309
<https://sciences.ucf.edu/anthropology>
Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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 Admission Requirements

- The minor is not open to Anthropology majors.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all course 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.

Required Courses (9 Credit Hours)

Complete three of the following courses:

- AMH 3580 - North American Indians **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 4153 - North American Archaeology **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Complete three of the following courses:

One course substitution for the American Indian Studies minor will only be allowed with prior approval from a minor advisor.

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- AMH 3441 - History of the Frontier: Eastern America **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3154 - A Survey of American Historical Archaeology **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- POS 3076 - American Indian Politics **Credit Hours: 3**

Foreign Language Requirements

- None

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 of Sciences
Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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.

Admission Requirements

- The minor is not open to Anthropology majors.

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 Department of Anthropology.
- 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.

Required Courses (6 Credit Hours)

Complete the following courses:

- ANT 2140 - Archaeology and the Rise of Human Culture **Credit Hours: 3**
- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Students may substitute one upper level course in anthropology for those not listed here with prior permission.

Complete four of the following courses:

- ANT 3106 - Archaeology and Popular Culture **Credit Hours: 3**
- ANT 3107 - Blood and Valor in the Viking World **Credit Hours: 3**
- ANT 3142 - Old World Prehistory **Credit Hours: 3**
- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3154 - A Survey of American Historical Archaeology **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3173 - Archaeology of Sex **Credit Hours: 3**
- ANT 3174 - Battlefield Archaeology **Credit Hours: 3**
- ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**
- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3943 - Caribbean Archaeology Practicum **Credit Hours: 3**
- ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
- ANT 4051 - Environmental Anthropology **Credit Hours: 3**

- ANT 4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology **Credit Hours: 3**
- ANT 4123 - Archaeology of Coastal Societies **Credit Hours: 3**
- ANT 4153 - North American Archaeology **Credit Hours: 3**
- ANT 4170 - Household Archaeology: The Archaeology of Everyday Life **Credit Hours: 3**
- ANT 4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender **Credit Hours: 3**
- ANT 4183 - Archaeological Sciences **Credit Hours: 3**
- ANT 4184 - Mortuary Archaeology **Credit Hours: 3**
- ANT 4187 - Paleoethnobotany **Credit Hours: 3**
- ANT 4441 - Anthropology of Cities **Credit Hours: 3**
- ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective **Credit Hours: 3**
- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**
- ANT 4854 - Advanced GIS Methods in Anthropology **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- None

Anthropology in Multicultural Studies Minor

College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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.

Admission Requirements

- The minor is not open to Anthropology majors.

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 Department of Anthropology.
- 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.

Required Courses (3 Credit Hours)

Select from: (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3**
- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Select from the following. Substitutions, including graduate courses, require prior consent of the Anthropology Coordinator.

- ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead **Credit Hours: 3**
- ANT 3107 - Blood and Valor in the Viking World **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**
- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**
- ANT 3451 - Race Matters: Anthropological Approaches to Racism **Credit Hours: 3**
- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
- ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
- ANT 4034 - History of Anthropological Thought **Credit Hours: 3**
- ANT 4051 - Environmental Anthropology **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4187 - Paleoethnobotany **Credit Hours: 3**
- ANT 4303 - Anthropology of Tourism **Credit Hours: 3**
- ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4441 - Anthropology of Cities **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
- ANT 4482 - Anthropology of Mental Health **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 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Anthropology Minor

College of Sciences

Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Sandra Wheeler

sandra.wheeler@ucf.edu

Phone: 407-823-2227

The Anthropology minor develops a student's holistic understanding of the past and present human condition.

Admission Requirements

- The minor is not open to Anthropology majors.

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 Department of Anthropology 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 Department of Anthropology.
- 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.

Required Courses (9 Credit Hours)

- May substitute one upper level anthropology course with prior permission.

Complete three of the following courses:

- ANT 2000 - General Anthropology **Credit Hours: 3**
- ANT 2140 - Archaeology and the Rise of Human Culture **Credit Hours: 3**
- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Complete at least three of the following courses:

- ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead **Credit Hours: 3**
- ANT 3106 - Archaeology and Popular Culture **Credit Hours: 3**
- ANT 3107 - Blood and Valor in the Viking World **Credit Hours: 3**
- ANT 3142 - Old World Prehistory **Credit Hours: 3**
- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3154 - A Survey of American Historical Archaeology **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3173 - Archaeology of Sex **Credit Hours: 3**
- ANT 3174 - Battlefield Archaeology **Credit Hours: 3**
- ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**
- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**
- ANT 3451 - Race Matters: Anthropological Approaches to Racism **Credit Hours: 3**
- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 3943 - Caribbean Archaeology Practicum **Credit Hours: 3**
- ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
- ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
- ANT 4034 - History of Anthropological Thought **Credit Hours: 3**
- ANT 4051 - Environmental Anthropology **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology **Credit Hours: 3**
- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
- ANT 4123 - Archaeology of Coastal Societies **Credit Hours: 3**
- ANT 4153 - North American Archaeology **Credit Hours: 3**
- ANT 4170 - Household Archaeology: The Archaeology of Everyday Life **Credit Hours: 3**
- ANT 4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender **Credit Hours: 3**
- ANT 4183 - Archaeological Sciences **Credit Hours: 3**
- ANT 4184 - Mortuary Archaeology **Credit Hours: 3**
- ANT 4187 - Paleoethnobotany **Credit Hours: 3**
- ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
- ANT 4406 - Pain and Suffering: The Anthropology of Violence **Credit Hours: 3**
- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4441 - Anthropology of Cities **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 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
- ANT 4482 - Anthropology of Mental Health **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**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**
- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**
- ANT 4854 - Advanced GIS Methods in Anthropology **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Biological Anthropology Minor

College of Sciences

Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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.

Admission Requirements

- The minor is not open to anthropology majors.

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 Department of Anthropology.
- 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.

Required Courses (3 Credit Hours)

- ANT 2511 - The Human Species **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Complete five of the following courses:

Students may substitute one anthropology upper level course that is either an archaeological area study course or a health related course with prior permission.

- ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead **Credit Hours: 3**
- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- 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 4183 - Archaeological Sciences **Credit Hours: 3**
- ANT 4184 - Mortuary Archaeology **Credit Hours: 3**
- ANT 4406 - Pain and Suffering: The Anthropology of Violence **Credit Hours: 3**
- ANT 4462 - Medical Anthropology **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Cultural Anthropology Minor

College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), Room: 309
<https://sciences.ucf.edu/anthropology>
Email: anthro@ucf.edu

Dr. Sandra Wheeler
sandra.wheeler@ucf.edu
Phone: 407-823-2227

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.

Admission Requirements

- The minor is not open to anthropology majors.

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 Department of Anthropology.
- 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.

Required Courses (3 Credit Hours)

- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Complete five of the following courses:

- ANT 3179 - Australian Archaeology and Indigenous Cultures **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**
- ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
- ANT 3362 - Peoples of Southeast Asia **Credit Hours: 3**
- ANT 3451 - Race Matters: Anthropological Approaches to Racism **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
- ANT 4034 - History of Anthropological Thought **Credit Hours: 3**
- ANT 4051 - Environmental Anthropology **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4441 - Anthropology of Cities **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 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
- ANT 4482 - Anthropology of Mental Health **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- ANT 4802 - Ethnographic Field Methods **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Medical Anthropology Minor

College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), Room: 309
<https://sciences.ucf.edu/anthropology>
Email: anthro@ucf.edu

Dr. Joanna Mishtal
joanna.mishtal@ucf.edu
Phone: 407-823-2227

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.

Admission Requirements

- The minor is not open to anthropology majors.

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 Department of Anthropology.
- 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.

Required Courses (6 Credit Hours)

Complete all of the following:

- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4462 - Medical Anthropology **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select four courses:

- ANT 3148 - Life and Death in Ancient Egypt **Credit Hours: 3**
- ANT 3169 - Life and Death in the Ancient Andes **Credit Hours: 3**
- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**

- ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4184 - Mortuary Archaeology **Credit Hours: 3**
- ANT 4406 - Pain and Suffering: The Anthropology of Violence **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
- ANT 4482 - Anthropology of Mental Health **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 4802 - Ethnographic Field Methods **Credit Hours: 3**

Foreign Language Requirements

- None

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.

Certificate

Anthropology of Global Health Certificate

College of Sciences

Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Joanna Mishtal

joanna.mishtal@ucf.edu

Phone: 407-823-2227

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

Required Courses (6 Credit Hours)

Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**

Choose one of the following:

- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Students select 3 additional courses from the following list:

- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 4013 - Anthropology of Fast Food **Credit Hours: 3**
- ANT 4081 - Science, Technology, and Culture **Credit Hours: 3**
- ANT 4462 - Medical Anthropology **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4481 - Anthropology of Drugs and Addiction **Credit Hours: 3**
- ANT 4482 - Anthropology of Mental Health **Credit Hours: 3**
- ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- COM 4550 - Public Communication Campaigns **Credit Hours: 3**
- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3103 - Comparative Politics **Credit Hours: 3**
- ENC 3453 - Writing About Health and Medicine **Credit Hours: 3**
- ENC 4378 - Writing in Global and Transnational Contexts **Credit Hours: 3**

- GEO 3471 - World Political Geography **Credit Hours: 3**
- HSA 3012 - Issues & Trends in Public Health **Credit Hours: 3**
- HSC 4201 - Community Health **Credit Hours: 3**
- HSC 4652 - Health Law and Ethics **Credit Hours: 3**
- INR 3016 - Global Political Issues **Credit Hours: 3**
- INR 4008 - Global Perspectives **Credit Hours: 3**
- INR 4011 - Politics of Globalization **Credit Hours: 3**
- INR 4035 - International Political Economy **Credit Hours: 3**
- INR 4075 - Human Rights Policy **Credit Hours: 3**
- INR 4076 - Global Drug Policy **Credit Hours: 3**
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3**
- INR 4350 - Global Environmental Politics **Credit Hours: 3**
- MCB 4276 - Epidemiology of Infectious Diseases **Credit Hours: 3**
- PAF 4754 - Interdisciplinary Leadership in Public Affairs **Credit Hours: 3**
- SYO 4400 - Medical Sociology **Credit Hours: 3**
- SYO 4401 - Social Determinants of Health **Credit Hours: 3**
- SYO 4132 - Global Family Trends **Credit Hours: 3**
- SYP 4454 - Global Inequality and Society **Credit Hours: 3**
- WST 3020 - Girls' Studies **Credit Hours: 3**
- WST 4415 - Global and Transnational Feminism **Credit Hours: 3**

Foreign Language Requirements

- None

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.

Human Biology Certificate

College of Sciences

Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Department of Biology

Biological Sciences Building (BIO), Room: 301

<https://sciences.ucf.edu/biology>

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.

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.

Native American Studies Certificate

College of Sciences

Department of Anthropology

Howard Phillips Hall (HPH), Room: 309

<https://sciences.ucf.edu/anthropology>

Email: anthro@ucf.edu

Dr. Sandra Wheeler

sandra.wheeler@ucf.edu

Phone: 407-823-2227

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.

Required Courses (6 Credit Hours)

- ANT 3245 - Native American Religions **Credit Hours: 3**
- ANT 3312 - Ethnology of North American Indians **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Choose three of the following:

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- AMH 3441 - History of the Frontier: Eastern America **Credit Hours: 3**
- AMH 3580 - North American Indians **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**
- ANT 3152 - Archaeology of the Greater Southwest **Credit Hours: 3**
- ANT 3158 - Florida Archaeology **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 3164 - Ancient Incas **Credit Hours: 3**
- ANT 3165 - Archaeology of South America **Credit Hours: 3**
- ANT 3168 - Maya Archaeology **Credit Hours: 3**
- ANT 3311 - Indians of the Southeastern United States **Credit Hours: 3**
- ANT 4153 - North American Archaeology **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- POS 3076 - American Indian Politics **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 15

Other Requirements

- Course substitutions must be approved in advance by the Director of the Native American Studies Program.

Department of Biology

Chair: Graham Worthy
BL 301; 407-823-1333
Email: biology@ucf.edu
<http://sciences.ucf.edu/biology>

Associate Chair: Laurie von Kalm
Undergraduate Coordinator: Eric Hoffman

Please see the department website for a listing of the department's faculty and staff.

The core undergraduate curriculum provides a background in the chemical, mathematical, and physical sciences, as well as broad preparation in the biological sciences. This diverse background provides flexible career opportunities for graduates, including science-related employment and professional or graduate schools. Students may pursue a general biology or a specialized track focusing in any of the following: ecology, evolutionary, and conservation biology; marine and aquatic biology; plant sciences; pre-health professional biology, or zoology and pre-veterinarian biology. The selection of electives, in consultation with a faculty advisor, permits further emphasis on a subspecialty. The pre-health professional and pre-veterinarian biology tracks allow students to satisfy requirements for admission to professional or graduate school while completing their B.S. degree in Biology. Research experience and exposure to specialized topics not taught through formal courses may be gained through independent study. The Department of Biology offers a Bachelor of Science in Biology, a minor in Biology, the Master of Science in Biology, a graduate Certificate in Conservation Biology, a Ph.D. in Conservation Biology, and participates in an interdisciplinary Ph.D. program in Biomolecular Sciences.

Major

Biology (B.S.)

College of Sciences
Department of Biology

Biological Sciences Building (BIO), Room: 301

<https://sciences.ucf.edu/biology>

Email: bioadvise@ucf.edu

Phone: 407-823-2141

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

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 **Credit Hours: 1**
- BSC 4937 - Instructional Experiences in Undergraduate Biology **Credit Hours: 2**

- 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 **Credit Hours: 4**
 - BSC 2011C - Biology II **Credit Hours: 4**
 - CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
 - CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
 - CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
 - 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**
 - PHY 2053C - College Physics I **Credit Hours: 4**
 - PHY 2054C - College Physics II **Credit Hours: 4**

General Education Program (GEP) (38 Credit Hours)

- Certain courses must be selected in the GEP for this major, bringing the total GEP hours to more than 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Mathematics: (3 Credit Hours)

- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Select one:

- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (Suggested)
- MAC 2253 - Applied Calculus **Credit Hours: 3** (Suggested)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Preferred)

Statistics (3 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

A minimum grade of "C" (2.0) is required for this Biology course to be used as a prerequisite.

- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Select the sequence identified by the Chemistry Placement exam;

- Prior to enrolling in Chemistry, take Chemistry Placement Test- <https://www.sdes.ucf.edu/placement-tests/>

For students with a strong chemistry background and a high Chemistry Placement score:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)

or - Students with little chemistry background should take this two semester equivalent instead.

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (Required)
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (Required)

Common Program Prerequisites (CPP) (16 Credit Hours)

- Completion of the CPPs should take into account the GEP and Major requirements. Although other courses may satisfy the CPP, those identified in this section specifically satisfy the major requirements.
- See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

Biology:

A minimum grade of "C" (2.0) is required in these Biology courses to meet prerequisites for subsequent biology courses. While a lower grade may satisfy the CPP, it will not satisfy the major.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**

Chemistry:

Take Placement test before starting chemistry; <https://www.sdes.ucf.edu/placement-tests/>

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- or
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (GEP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**

- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**

Mathematics:

Select one math course and the identified statistics course.

- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (GEP)
or
- MAC 2253 - Applied Calculus **Credit Hours: 3** (GEP)
or
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
and
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Physics: Complete one entire sequence (8 Credit Hours)

- PHY 2053C - College Physics I **Credit Hours: 4** (GEP)
- PHY 2054C - College Physics II **Credit Hours: 4**
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (8 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core;

Biology Basic Core:

- 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.

Take all of the following:

- BSC 2010C - Biology I **Credit Hours: 4** (GEP/CPP)
- BSC 2011C - Biology II **Credit Hours: 4** (CPP)

Cognate Sciences Basic Core:

Chemistry Sequence

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP/CPP)
or
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (GEP/CPP)
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (GEP/CPP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP)
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP)

Organic or Analytic Sequence (8-9 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3** (Preferred)
- CHM 2211 - Organic Chemistry II **Credit Hours: 3** (Preferred)
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** (Preferred)
or
- CHM 2205 - Introduction to Organic and Biochemistry **Credit Hours: 5**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**

Physics Sequence

- PHY 2053C - College Physics I **Credit Hours: 4** (GEP/CPP)
- PHY 2054C - College Physics II **Credit Hours: 4** (CPP)
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (CPP)

- PHY 2049C - General Physics Using Calculus II
Credit Hours: 4 (CPP)

Mathematics

- MAC 2233 - Concepts of Calculus **Credit Hours: 3** (GEP/ CPP)
or
- MAC 2253 - Applied Calculus **Credit Hours: 3** (GEP/ CPP)
or
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP) (Preferred)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP/ CPP)

Core Requirements: Advanced Level (13 Credit Hours)

Biology Advanced Core:

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.

- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**

Biology Laboratories:

- Students are required to take two labs from those listed below
- One of these labs must come from section A. The second lab can come from section B or an additional lab from section A.

A. Laboratories

- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**

- PCB 4683L - Evolutionary Biology Lab **Credit Hours: 1**

B. Laboratories

May include other laboratories as approved by an advisor

- BOT 3018C - Culinary Botany Across the Cultures **Credit Hours: 4**
- BOT 4223C - Plant Anatomy **Credit Hours: 4**
- BOT 4282L - PLANT MICROTCHNIQUES **Credit Hours: 2**
- BOT 4303C - Plant Kingdom **Credit Hours: 4**
- BOT 4503C - Plant Physiology **Credit Hours: 4**
- BOT 4713C - Plant Taxonomy **Credit Hours: 5**
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4**
- BSC 4445C - Genomics Laboratory **Credit Hours: 4**
- ENY 4004C - General Entomology **Credit Hours: 4**
- PCB 4301C - Wetland Ecology & Biogeochemistry **Credit Hours: 4**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**
- ZOO 4462C - Herpetology **Credit Hours: 4**
- ZOO 4480L - Mammalogy Lab **Credit Hours: 1**
- ZOO 4603C - Embryology/Development **Credit Hours: 5**
- ZOO 4753C - Human Histology **Credit Hours: 4**
- ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment **Credit Hours: 3**

Biology Tracks

For each track the following apply:

- Student must complete at least one course dealing exclusively with zoology and one course dealing exclusively with botany.
- A minimum C (2.0) 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 C (2.0) overall 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 B.S.: General Track (22 Credit Hours)

- 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.

Restricted Electives (22 Credit Hours)

Courses must be selected from the list below.

Additional courses may be added to the list of restricted electives in the future and will appear on the myKnight audit.

¹ Fulfills Botany requirement and taught within the Biology department.

² Taught within the Biology department.

³ Fulfills Zoology requirement and taught within the Biology department.

- ANT 3550C - Primatology **Credit Hours: 3** ³
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BOT 3015 - Principles of Plant Science **Credit Hours: 3** ¹
- BOT 3018C - Culinary Botany Across the Cultures **Credit Hours: 4** ¹
- BOT 3802 - Ethnobotany **Credit Hours: 3** ¹
- BOT 4223C - Plant Anatomy **Credit Hours: 4** ¹
- BOT 4282L - PLANT MICROTECHNIQUES **Credit Hours: 2** ²
- BOT 4303C - Plant Kingdom **Credit Hours: 4** ¹

- BOT 4434C - General Mycology **Credit Hours: 4** ²
- BOT 4503C - Plant Physiology **Credit Hours: 4** ¹
- BOT 4713C - Plant Taxonomy **Credit Hours: 5** ¹
- BOT 4850 - Medical Botany **Credit Hours: 3** ¹
- BOT 4922 - Plant Science Capstone **Credit Hours: 2** ²
- BSC 3052 - Conservation Biology **Credit Hours: 3** ²
- BSC 3312 - Principles of Marine Biology **Credit Hours: 3** ²
- BSC 3453C - Biological Research Methods and Experimental Design **Credit Hours: 3** ²
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4** ²
- BSC 4330 - Invasion Biology **Credit Hours: 3** ²
- BSC 4445C - Genomics Laboratory **Credit Hours: 4** ²
- BSC 4821 - Biogeography **Credit Hours: 4** ²
- BSC 4861L - Urban Ecological Field Studies **Credit Hours: 3** ²
- BSC 5258L - Tropical Biology Research and Conservation **Credit Hours: 3** ²
- ENY 4004C - General Entomology **Credit Hours: 4** ³
- MCB 3020C - General Microbiology **Credit Hours: 5**
- OCE 3008 - Oceanography **Credit Hours: 3** ²
- PAZ 4234 - Zoo and Aquarium Management **Credit Hours: 3** ³
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1** ²
- PCB 3063L - Genetics Laboratory **Credit Hours: 1** ²
- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 3343L - Principles of Field Ecology **Credit Hours: 2-5** ²
- PCB 3354 - Tropical Ecology and Conservation **Credit Hours: 3** ²
- PCB 3355L - Tropical Marine Biology **Credit Hours: 2** ²
- PCB 3442 - Aquatic Ecology **Credit Hours: 3** ²
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- PCB 4301C - Wetland Ecology & Biogeochemistry **Credit Hours: 4** ²

- PCB 4353 - Florida Ecology, Natural History and Conservation **Credit Hours: 3**²
- PCB 4402 - Disease Ecology & Ecoimmunology **Credit Hours: 3**²
- PCB 4514 - Genetics II **Credit Hours: 3**²
- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- PCB 4575 - Wildlife Genomics **Credit Hours: 3**²
- PCB 4678 - Evolution and Medicine **Credit Hours: 3**²
- PCB 4683L - Evolutionary Biology Lab **Credit Hours: 1**²
- PCB 4684 - Population Genetics **Credit Hours: 3**²
- PCB 4723 - Animal Physiology **Credit Hours: 4**³
- PCB 5435C - Marine Ecology of Florida **Credit Hours: 4**²
- PCB 5485 - Models in Ecology **Credit Hours: 3**²
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**³
- ZOO 3454 - Ichthyology **Credit Hours: 3**³
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**³
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**³
- ZOO 4462C - Herpetology **Credit Hours: 4**³
- ZOO 4480 - Mammalogy **Credit Hours: 4**³
- ZOO 4480L - Mammalogy Lab **Credit Hours: 1**²
- ZOO 4513 - Animal Behavior **Credit Hours: 3**³
- ZOO 4603C - Embryology/Development **Credit Hours: 5**³
- ZOO 4756C - Comparative Vertebrate Histology **Credit Hours: 4**³
- ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment **Credit Hours: 3**³

Biology B.S.: Ecology, Evolutionary and Conservation Biology Track (22 Credit Hours)

Required Electives (choose two from the following): (6-8 Credit Hours)

"C" (2.0) or better required in each course.

- BSC 3052 - Conservation Biology **Credit Hours: 3**
- BSC 4821 - Biogeography **Credit Hours: 4**
- PCB 4684 - Population Genetics **Credit Hours: 3**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**

Restricted Electives (choose from the following): (7-9 Credit Hours)

- Additional courses may be added to the lists of restricted electives in the future and will appear on the myKnight audit.
- BOT 4303C - Plant Kingdom **Credit Hours: 4**
- BSC 4330 - Invasion Biology **Credit Hours: 3**
- BSC 4821 - Biogeography **Credit Hours: 4**
- BSC 3052 - Conservation Biology **Credit Hours: 3**
- BSC 4861L - Urban Ecological Field Studies **Credit Hours: 3**
- PCB 3343L - Principles of Field Ecology **Credit Hours: 2-5**
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- PCB 3355L - Tropical Marine Biology **Credit Hours: 2**
- PCB 3442 - Aquatic Ecology **Credit Hours: 3**
- PCB 4353 - Florida Ecology, Natural History and Conservation **Credit Hours: 3**
- PCB 4514 - Genetics II **Credit Hours: 3**
- PCB 4575 - Wildlife Genomics **Credit Hours: 3**
- PCB 5326C - Ecosystems of Florida **Credit Hours: 5**
- PCB 4678 - Evolution and Medicine **Credit Hours: 3**
- PCB 4684 - Population Genetics **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**
- ZOO 4480 - Mammalogy **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**

Additional Biology Electives: (5-9 Credit Hours)

- Courses must be selected from the General Biology Track restricted elective list

Biology B.S.: Marine and Aquatic Biology Track (22 Credit Hours)

Required Elective (3 Credit Hours)

"C" (2.0) or better required.

- BSC 3312 - Principles of Marine Biology **Credit Hours: 3**

Restricted Electives (choose from the following): (12 Credit Hours)

- Additional courses may be added to the lists of restricted electives in the future and will appear on the myKnight audit.
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4**
- BSC 4821 - Biogeography **Credit Hours: 4**
- OCE 3008 - Oceanography **Credit Hours: 3**
- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**
- PCB 3355L - Tropical Marine Biology **Credit Hours: 2**
- PCB 3442 - Aquatic Ecology **Credit Hours: 3**
- PCB 4723 - Animal Physiology **Credit Hours: 4**
- PAZ 4234 - Zoo and Aquarium Management **Credit Hours: 3**
- ZOO 3454 - Ichthyology **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**
- ZOO 4480 - Mammalogy **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**

Additional Biology Electives (7 Credit Hours)

- Courses must be selected from the General Biology Track restricted elective list

Biology B.S.: Plant Sciences Track (22 Credit Hours)

Required Elective (3 Credit Hours)

"C" (2.0) or better required.

- BOT 3015 - Principles of Plant Science **Credit Hours: 3**

Restricted Electives (choose at least one course from Group A and two from Group B) Remaining credits can be from any group. (14 Credit Hours)

- Additional courses may be added to the lists of restricted electives in the future and will appear on the myKnight audit.
- BOT 3018C - Culinary Botany Across the Cultures **Credit Hours: 4**
- BOT 4850 - Medical Botany **Credit Hours: 3**
- BOT 4223C - Plant Anatomy **Credit Hours: 4**
- BOT 4503C - Plant Physiology **Credit Hours: 4**
- BOT 4713C - Plant Taxonomy **Credit Hours: 5**
- BSC 4330 - Invasion Biology **Credit Hours: 3**
- PCB 3354 - Tropical Ecology and Conservation **Credit Hours: 3**

Group A (2 Credit Hours)

- BOT 4922 - Plant Science Capstone **Credit Hours: 2**
or
- BOT 4970H - Honors Undergraduate Thesis **Credit Hours: 3**

Group B (5 Credit Hours)

- BOT 4223C - Plant Anatomy **Credit Hours: 4**
or
- BOT 4282L - PLANT MICROTCHNIQUES **Credit Hours: 2**
or
- BOT 4303C - Plant Kingdom **Credit Hours: 4**
or
- BOT 4503C - Plant Physiology **Credit Hours: 4**
or
- BOT 4713C - Plant Taxonomy **Credit Hours: 5**
or
- BOT 4912 - Directed Independent Research **Credit Hours: 4**
or

- BSC 3453 Biological Research Methods and Experimental Design **Credit Hours: 3**

Group C (Other Restricted Electives) (7 Credit Hours)

- BOT 3802 - Ethnobotany **Credit Hours: 3**
or
- BOT 3018C - Culinary Botany Across the Cultures **Credit Hours: 4**
or
- BOT 4850 - Medical Botany **Credit Hours: 3**
or
- BSC 4330 - Invasion Biology **Credit Hours: 3**
or
- PCB 3354 - Tropical Ecology and Conservation **Credit Hours: 3**
or
- PCB 4575 - Wildlife Genomics **Credit Hours: 3**

Additional Biology Electives (5 Credit Hours)

- Courses must be selected from the General Biology Track restricted elective list

Biology B.S.: Pre-Health Professional Biology Track (22 Credit Hours)

Required Electives (choose two from the following): (9-10 Credit Hours)

"C" (2.0) or better required in each course.

- PCB 4723 - Animal Physiology **Credit Hours: 4**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4603C - Embryology/Development **Credit Hours: 5**

Restricted Electives (choose from the following): (5-6 Credit Hours)

- Additional courses may be added to the lists of restricted electives in the future and will appear on the myKnight audit.
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BOT 4434C - General Mycology **Credit Hours: 4**

- BOT 4850 - Medical Botany **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3233 - Immunology **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- PCB 4514 - Genetics II **Credit Hours: 3**
- PCB 4575 - Wildlife Genomics **Credit Hours: 3**
- PCB 4678 - Evolution and Medicine **Credit Hours: 3**
- PCB 4723 - Animal Physiology **Credit Hours: 4**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**
- ZOO 4603C - Embryology/Development **Credit Hours: 5**
- ZOO 4756C - Comparative Vertebrate Histology **Credit Hours: 4**

Additional Biology Electives: (6-8 Credit Hours)

- Courses must be selected from the General Biology Track restricted elective list

Biology B.S.: Zoology and Pre-Veterinarian Science Track (22 Credit Hours)

Required Electives (choose one from the following): (3-4 Credit Hours)

"C" (2.0) or better required in each course.

- PCB 4723 - Animal Physiology **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**

Restricted Electives (choose from the following): (11-12 Credit Hours)

- Additional courses may be added to the lists of restricted electives in the future and will appear on the myKnight audit.
- ANT 3550C - Primatology **Credit Hours: 3**
- ENY 4004C - General Entomology **Credit Hours: 4**

- PAZ 4234 - Zoo and Aquarium Management **Credit Hours: 3**
- PCB 4575 - Wildlife Genomics **Credit Hours: 3**
- PCB 4723 - Animal Physiology **Credit Hours: 4**
- ZOO 3454 - Ichthyology **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**
- ZOO 4603C - Embryology/Development **Credit Hours: 5**
- ZOO 4480 - Mammalogy **Credit Hours: 4**

Additional Biology Electives: (6-8 Credit Hours)

- Courses must be selected from the General Biology Track restricted elective list

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after consulting with your departmental advisor. May be outside of the department.

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 "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
- 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

- 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.)
- Interdisciplinary Studies (B.A./B.S.) Environmental Studies Track

Certificates

- None

Related Minors

- 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.

- 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".

Acceptable Substitutes for Transfer Courses

- 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

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in CHM 2045C, take Chemistry Placement Test. Instructions are at <https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt

Freshman Year - Fall (14 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One

- MAC 2233 - Concepts of Calculus **Credit Hours: 3**
or
- MAC 2253 - Applied Calculus **Credit Hours: 3**
or
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Freshman Year - Spring (14 Credit Hours)

Note: Lab may be taken in a later term if seats are not available.

- BSC 2011C - Biology II **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**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Summer (5 Credit Hours)

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Select One

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
or
- PHY 2053C - College Physics I **Credit Hours: 4**

Senior Year - Fall (16 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Exit Exam

Select One

- PHY 2054C - College Physics II **Credit Hours: 4**
or
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Senior Year - Spring (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Minor

Biology Minor

College of Sciences
Department of Biology

Biological Sciences Building (BIO), Room: 301

<https://sciences.ucf.edu/biology>

Email: biology@ucf.edu

Phone: 407-823-2141

Minor Admission Requirements

- The minor is not open to Biology majors.

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.

Required Courses (31 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- BSC 2011C - Biology II **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
or, depending on Chemistry Placement score (6 Credit Hours)
Chemistry Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 31

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Department of Chemistry

Chair: Cherie Yestrebsky
PS 255; 407-823-2246
Email: chemstaff@ucf.edu
<http://sciences.ucf.edu/chemistry/>

Associate Chair: Seth Elsheimer
Associate Chair and Undergraduate Coordinator,
Chemistry: Pedro Patino Marin
Undergraduate Coordinator, Forensic Science: Tamra
Legron-Rodriguez

Please see the department website for a listing of the department's faculty and staff.

The undergraduate degree program in chemistry is accredited by the American Chemical Society Committee on Professional Training. It prepares the graduate for career opportunities in the chemical or related industries, or in government laboratories. The program also prepares students for further study at the graduate level in chemistry or in a related area such as materials science, pharmacology, or toxicology. With an appropriate choice of electives it also constitutes excellent preparation for the professional schools of dentistry, medicine, pharmacy, and veterinary medicine. The Department of Chemistry offers courses and programs leading to a Bachelor of Science in Chemistry, Bachelor of Science in Forensic Science, minor in Chemistry, Master of Science in Chemistry, Master of Science in Forensic Science, and Ph.D. in Chemistry. The department also participates in the Ph.D. in Biomedical Science.

Major

Chemistry (B.S.)

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), Room: 255
<https://sciences.ucf.edu/chemistry>

Dr. Pedro Patino
pedro.patino@ucf.edu
Phone: 407-823-4051

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 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
- 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 **Credit Hours: 4**

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- 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**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

General Education Program (GEP) (39 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (24 Credit Hours)

- Prior to enrolling in Chemistry, you must take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

Select either:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

and complete all the following

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- 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**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (4 hrs)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (CPP) and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP) or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP)
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP)
- CHM 2210 - Organic Chemistry I **Credit Hours: 3** (CPP)
- CHM 2211 - Organic Chemistry II **Credit Hours: 3** (CPP)
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** (CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/ CPP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

Core: Additional requirements (4 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (34 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- CHM 3215L - Organic Laboratory Techniques II **Credit Hours: 2**
- CHM 3410 - Physical Chemistry I **Credit Hours: 4**
- CHM 3411 - Physical Chemistry II **Credit Hours: 3**
- CHM 3411L - Physical Chemistry Laboratory **Credit Hours: 2**
- CHM 4610 - Inorganic Chemistry **Credit Hours: 3**
- CHM 4610L - Inorganic Chemistry Laboratory **Credit Hours: 2**
- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4130L - Advanced Analytical Chemistry Laboratory **Credit Hours: 2**
- CHM 4930 - Chemistry Seminar I **Credit Hours: 1**
- CHM 4931 - Chemistry Seminar II **Credit Hours: 1**
- AND
- CHM 4912 - Directed Independent Research **Credit Hours: 4**
- OR
- PSC 3911 - FLC Physical Science Capstone R/I **Credit Hours: 3**
- CHM 4912 - Directed Independent Research **Credit Hours: 1**

Restricted Electives (9 Credit Hours)

Select from the following courses: (6 Credit Hours)

- BCH 4054 - Biochemistry II **Credit Hours: 3**

- CHM 4220 - Organic Chemistry III **Credit Hours: 3**
- CHM 4427 - Electrochemistry **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**
- CHM 5451C - Techniques in Polymer Science **Credit Hours: 3**
- CHM 5580 - Advanced Physical Chemistry **Credit Hours: 3**
- CHS 4615 - Environmental Chemistry **Credit Hours: 3**
Additional upper level courses can be taken as approved by a departmental advisor.

Directed Electives (3 Credit Hours)

- Course will be selected with the aid of a departmental advisor and approved in advance by the department chair. Course will be selected from the physical, biological, mathematical sciences and/or related disciplines and normally will be at the 3000/4000 level. Co-op courses cannot be used in the major.

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 high school, or one year college language (or equivalent proficiency exam) prior to graduation.

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.

Required Minors

- None

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

- 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 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.)

Certificates

- None

Related Minors

- 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.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

- One of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Before registering for Chemistry, you must take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Before registering for Math, you must take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (15 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- BSC 2010C - Biology I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (Lab may be taken in a later term if seats are not available.)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Summer (6 Credits)

- STA 2023 - Statistical Methods I **Credit Hours: 3**

Select One:

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (15 hrs)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- Elective **Credit Hours: 4**

Sophomore Year - Spring (12 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** (Lab may be taken in a later term if seats are not available.)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- CHM 3215L - Organic Laboratory Techniques II **Credit Hours: 2**

- CHM 3410 - Physical Chemistry I **Credit Hours: 4**

Junior Year - Spring (13 Credit Hours)

- CHM 3411 - Physical Chemistry II **Credit Hours: 3**
- CHM 3411L - Physical Chemistry Laboratory **Credit Hours: 2**
- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4130L - Advanced Analytical Chemistry Laboratory **Credit Hours: 2**
- CHM 4610 - Inorganic Chemistry **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- CHM 4610L - Inorganic Chemistry Laboratory **Credit Hours: 2**
- CHM 4930 - Chemistry Seminar I **Credit Hours: 1**
- CHM 4912 - Directed Independent Research **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- CHM 4931 - Chemistry Seminar II **Credit Hours: 1**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Chemistry, Biochemistry Track (B.S.)

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), Room: 255
<http://www.cos.ucf.edu/chemistry>

Dr. Pedro Patino
pedro.patino@ucf.edu
Phone: 407-823-2246

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 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.
- 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 **Credit Hours: 4**
 - CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
 - CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
 - 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**
 - MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

General Education Program (GEP) (39 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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 (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (20 Credit Hours)

- See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

Select either:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
or
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**

and complete all the following

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- 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**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (10 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)
or
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (CPP)
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP)
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP)
- CHM 2210 - Organic Chemistry I **Credit Hours: 3** (CPP)
- CHM 2211 - Organic Chemistry II **Credit Hours: 3** (CPP)
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** (CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/ CPP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

Basic Core: Additional Requirements (10 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- CHM 3215L - Organic Laboratory Techniques II **Credit Hours: 2**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (37 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BCH 4103L - Biochemical Methods **Credit Hours: 2**
- CHM 3410 - Physical Chemistry I **Credit Hours: 4**
- CHM 3411 - Physical Chemistry II **Credit Hours: 3**
- CHM 3411L - Physical Chemistry Laboratory **Credit Hours: 2**
- CHM 4610 - Inorganic Chemistry **Credit Hours: 3**
- CHM 4912 - Directed Independent Research **Credit Hours: 4**
- CHM 4930 - Chemistry Seminar I **Credit Hours: 1**
- CHM 4931 - Chemistry Seminar II **Credit Hours: 1**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**

Restricted Electives (10 Credit Hours)

Select from the following:

- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4220 - Organic Chemistry III **Credit Hours: 3**
- CHM 4906 - Directed Independent Study **Credit Hours: 1**
- CHM 5225 - Advanced Organic Chemistry **Credit Hours: 3**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- Additional upper level courses as approved by a departmental advisor

Additional physical, biological, and mathematical sciences courses.

- In addition to those listed above, course selected with the aid of a departmental advisor and approved in advance by the department chair may also be used.

- These courses should be at least at the 3000 level.

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 high school, or one year college language (or equivalent proficiency exam) prior to graduation.

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

Required Minors

- None

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
- 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

- 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.)

Certificates

- None

Related Minors

- 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

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (15 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- BSC 2010C - Biology I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (Lab may be taken in a later term if seats are not available.)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Summer (6 Credits)

- STA 2023 - Statistical Methods I **Credit Hours: 3**

Select One:

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** (Lab may be taken in a later term if seats are not available.)
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- PCB 3063 - Genetics **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3215L - Organic Laboratory Techniques II **Credit Hours: 2**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BCH 4103L - Biochemical Methods **Credit Hours: 2**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- Restricted Elective **Credit Hours: 3**

Senior Year - Fall (14 Credit Hours)

- CHM 3410 - Physical Chemistry I **Credit Hours: 4**
- CHM 4912 - Directed Independent Research **Credit Hours: 2**
- CHM 4930 - Chemistry Seminar I **Credit Hours: 1**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 4**

Senior Year - Spring (11 Credit Hours)

- CHM 4931 - Chemistry Seminar II **Credit Hours: 1**
- CHM 3411 - Physical Chemistry II **Credit Hours: 3**
- CHM 3411L - Physical Chemistry Laboratory **Credit Hours: 2**

- CHM 4610 - Inorganic Chemistry **Credit Hours: 3**
- CHM 4912 - Directed Independent Research **Credit Hours: 2**

Forensic Science, Biochemistry Track (B.S.)

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), Room: 255
<https://sciences.ucf.edu/chemistry>
Email: chemstaff@ucf.edu

Dr. Tamra Legron-Rodriguez
tamra.legron-rodriguez@ucf.edu
Phone: 407-823-1167

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).

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 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.
- 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 Program (GEP) (39 Credit Hours)

- Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- Before registering for Math, take Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

- Before registering for Chemistry, take Chemistry Placement Test,
see: <https://www.sdes.ucf.edu/placement-tests/>
- BSC 2010C - Biology I **Credit Hours: 4**
(Required)
- PHY 2048C - General Physics Using Calculus I
Credit Hours: 4 (Required)

Common Program Prerequisites (CPP) (16 Credit Hours)

- See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)

Select one of the following sequences of courses:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Take all of the following:

- 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** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (16 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP

- BSC 2010C - Biology I **Credit Hours: 4**
(GEP/CPP) and
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (CPP) and
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP)
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP) and
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP) and
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/CPP) and
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP) and
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/CPP) and
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

Basic Core: Additional Requirements (16 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3** and
- CHM 2211 - Organic Chemistry II **Credit Hours: 3** and
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2** and
- CHM 3120 - Analytical Chemistry **Credit Hours: 3** and
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1** and
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP) and
- PCB 3063 - Genetics **Credit Hours: 3** and
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**

Core Requirements: Advanced Level (47 Credit Hours)

Forensic Science Core: (35 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3422 - Applied Physical Chemistry **Credit Hours: 3**
- CHS 3501 - Introduction to Forensic Science **Credit Hours: 3**
- CHS 3505C - Forensic Microscopy **Credit Hours: 4**
- CHS 3511C - Trace Evidence **Credit Hours: 4**
- CHS 3530C - Forensic Analysis of Controlled Substances **Credit Hours: 4**
- CHS 3533 - Forensic Biochemistry I **Credit Hours: 2**
- CHS 3595 - Forensic Science in the Courtroom **Credit Hours: 3**
- CHS 4515C - Forensic Crime Scene Investigation **Credit Hours: 3**
- CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice **Credit Hours: 3**
- CHS 4591 - Forensic Science Internship **Credit Hours: 3**

Forensic Biochemistry Track: (12 Credit Hours)

- CHS 3533L - Forensic Biochemistry I Laboratory **Credit Hours: 1**
- CHS 4534C - Forensic Biochemistry II **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Note: Substitutions require prior approval by the Forensic Science Program Advisor

- ANT 4521 - Forensic Anthropology **Credit Hours: 3**

- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- CHM 3215L - Organic Laboratory Techniques II **Credit Hours: 2**
- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4130L - Advanced Analytical Chemistry Laboratory **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 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 4524 - Molecular Biology II **Credit Hours: 3**
- 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 Requirements

CHS 4591 Forensic Science Internship is the capstone for the program.

Electives

- Select primarily from upper level courses after consulting with a departmental advisor. Courses may be outside the department.

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

- 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

- 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: 124

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 <https://honors.ucf.edu/research/>.

Related Programs

- Forensic Science, Chemistry Track (B.S.)
- Chemistry (B.S.)
- Biomedical Sciences (B.S.)

Certificates

- None

Related Minors

- 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 satisfy the CPP, the specified courses are required in the major and still must be taken.
- Physics: Although CPP requirements permit substitution by Organic Chemistry, all the specified courses are required for graduation and 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

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

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.

- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Before registering for Chemistry, take Chemistry Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>
- Before registering for Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- This plan assumes you need to begin with the three semester chemistry sequence and calculus. Having to start at a lower math class will increase the hours taken.

Freshman Year - Fall (14 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHS 3501 - Introduction to Forensic Science **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** Lab may be taken in a later term if seats are not available.
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- BSC 2010C - Biology I **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PCB 3063 - Genetics **Credit Hours: 3**

- PCB 3063L - Genetics Laboratory **Credit Hours: 1**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Summer (5 Credit Hours)

Lab may be taken in a later term if seats are not available.

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- CHS 3505C - Forensic Microscopy **Credit Hours: 4**
- CHS 3533 - Forensic Biochemistry I **Credit Hours: 2**
- CHS 3533L - Forensic Biochemistry I Laboratory **Credit Hours: 1**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**

Junior Year - Spring (13 Credit Hours)

- CHS 3595 - Forensic Science in the Courtroom **Credit Hours: 3**
- CHS 4534C - Forensic Biochemistry II **Credit Hours: 3**
- CHS 3511C - Trace Evidence **Credit Hours: 4**
- GEP **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- CHS 3530C - Forensic Analysis of Controlled Substances **Credit Hours: 4**
- CHM 3422 - Applied Physical Chemistry **Credit Hours: 3**
- CHS 4515C - Forensic Crime Scene Investigation **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice **Credit Hours: 3**
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Summer (3 Credit Hours)

- CHS 4591 - Forensic Science Internship **Credit Hours: 3**

Forensic Science, Chemistry Track (B.S.)

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), Room: 255
<https://sciences.ucf.edu/chemistry>
Email: chemstaff@ucf.edu

Dr. Tamra Legron-Rodriguez,
tamra.legron-rodriguez@ucf.edu
Phone: 407-823-1167

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).

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 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry
- 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 Program (GEP) (39 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major, which brings the GEP hours above 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

Before registering for Math, take Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (8 Credit Hours)

Before registering for Chemistry, take Chemistry Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (16 Credit Hours)

See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)

Select one of the following sequences of courses:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Take all of the following:

- 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** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (16 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

Basic Core: Required, satisfies the CPP

- BSC 2010C - Biology I **Credit Hours: 4** (GEP/ CPP)
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (CPP) and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP) or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP)
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/ CPP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

Basic Core: Additional Requirements (16 Credit Hours)

- 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**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**

Core Requirements: Advanced Level (40 Credit Hours)

Forensic Science Core: (35 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHM 3422 - Applied Physical Chemistry **Credit Hours: 3**
- CHS 3501 - Introduction to Forensic Science **Credit Hours: 3**
- CHS 3505C - Forensic Microscopy **Credit Hours: 4**
- CHS 3511C - Trace Evidence **Credit Hours: 4**
- CHS 3530C - Forensic Analysis of Controlled Substances **Credit Hours: 4**
- CHS 3533 - Forensic Biochemistry I **Credit Hours: 2**
- CHS 3595 - Forensic Science in the Courtroom **Credit Hours: 3**
- CHS 4515C - Forensic Crime Scene Investigation **Credit Hours: 3**
- CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice **Credit Hours: 3**
- CHS 4591 - Forensic Science Internship **Credit Hours: 3**

Forensic Chemistry Track: (5 Credit Hours)

- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4130L - Advanced Analytical Chemistry Laboratory **Credit Hours: 2**

Restricted Electives (13 Credit Hours)

Select from the following: (13 Credit Hours)

Note: Substitutions require prior approval by the Forensic Science Program advisor.

- 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 Requirements

CHS 4591 Forensic Science Internship is the capstone for the program.

Electives

- Select primarily from upper level courses after consulting with a departmental advisor. Courses may be outside the department.

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

- 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
- 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: 124

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

- Chemistry (B.S.)
- Forensic Science, Biochemistry Track (B.S.)

Certificates

- Behavioral Forensics Certificate
- Crime Scene Investigation Certificate

Related Minors

- 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 courses may satisfy the CPP, the specified courses are required in the major and still must be taken.
- Physics: Although CPP requirements permit substitution by Organic Chemistry, all the specified courses are required for graduation and 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

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

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.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Before registering for Chemistry, take Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Before registering for Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- This plan assumes you need to begin with the three semester chemistry sequence and calculus. Having to start at a lower math class will increase the hours taken.

Freshman Year - Fall (14 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHS 3501 - Introduction to Forensic Science **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** Lab may be taken in a later term if seats are not available.
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3063L - Genetics Laboratory **Credit Hours: 1**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**

Sophomore Year - Summer (5 Credit Hours)

Lab may be taken in a later term if seats are not available.

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- CHS 3505C - Forensic Microscopy **Credit Hours: 4**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**
- CHM 3422 - Applied Physical Chemistry **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- CHS 3511C - Trace Evidence **Credit Hours: 4**
- CHS 3595 - Forensic Science in the Courtroom **Credit Hours: 3**
- CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- CHS 3530C - Forensic Analysis of Controlled Substances **Credit Hours: 4**
- CHS 3533 - Forensic Biochemistry I **Credit Hours: 2**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- CHS 4515C - Forensic Crime Scene Investigation **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- CHM 4130 - Advanced Analytical Laboratory Technique **Credit Hours: 3**
- CHM 4130L - Advanced Analytical Chemistry Laboratory **Credit Hours: 2**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 2**
- GEP **Credit Hours: 3**

Senior Year - Summer (3 Credit Hours)

- CHS 4591 - Forensic Science Internship **Credit Hours: 3**

Minor

Chemistry Minor

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), Room: 255
<https://sciences.ucf.edu/chemistry>
Email: chemstaff@ucf.edu

Dr. Pedro Patino
pedro.patino@ucf.edu
Phone: 407-823-4051

Minor Admission Requirements

- The minor is not open to chemistry majors.

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.

Required Courses (20 Credit Hours)

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**
and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- 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**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- CHM 3120L - Analytical Chemistry Laboratory **Credit Hours: 1**

Restricted Electives (8 Credit Hours)

At least one course must be selected from Group I and the remaining from Group I and/or II

Group I: Select at least one course

- 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.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 28

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Department of Mathematics

Chair: Xin Li

MSB 209; 407-823-2826

Email: math@ucf.edu

<http://sciences.ucf.edu/math/>

Associate Chair: Joseph Brennan

Undergraduate Program Coordinators: Limin (Laura)

Yang, Maria Capursi, Barry Griffiths, Tammy Muhs

Please see the department website for a listing of the department's faculty and staff.

The programs in mathematics are guided by the department's goals to offer the best undergraduate program in mathematics in the State of Florida and to be a leader in the development of the technological expertise that is necessary for realizing Florida's high-technology future. The programs are designed to serve:

1. Students who desire to pursue careers in mathematics after having completed a baccalaureate degree;
2. Students who desire to continue their education in graduate and professional schools; and
3. Students who need to use mathematics as a tool in their specialty areas.

To this end, the department offers coursework that provides contemporary approaches for solving mathematical problems. Graduates of the undergraduate degree program in mathematics can go on to further study in mathematics, can go into another area of science or to professional schools, or they can find employment in a wide variety of fields. One of the reasons that our graduates have proven very attractive to employers is the skills that they have acquired for the analysis of problem-solving and the analysis of data.

In order to serve such a wide variety of students, the courses and programs in the Department of Mathematics

have developed along several lines, including service courses in pre-calculus and calculus along with strong programs in the upper division in the areas of algebra and analysis as well as the areas of applied and computational mathematics.

The department's programs offer students opportunities to concentrate their studies not only in foundational mathematics but also in a number of areas of interdisciplinary mathematics, including: mathematical biology, mathematical economics, computational mathematics, and engineering/physics. The Department of Mathematics offers programs leading to a Bachelor of Science in Mathematics, a minor in Mathematics, a Graduate Certificate in Mathematics, a Master of Science in Mathematical Science, and a Ph.D. in Mathematics.

The department does not award credit by examination for courses that are regularly taught. Students who have mastered the material in a given course are encouraged to take a more advanced class to fulfill their mathematics requirement.

Major

Mathematics (B.S.)

College of Sciences

Department of Mathematics

Mathematical Sciences Building (MSB), Room: 207

<http://math.ucf.edu>

Dr. Joseph Brennan

Joseph.Brennan@ucf.edu

Phone: 407-823-0147

Admission Requirements

- None

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 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- All mathematics courses, except the following, must be either taken from, or approved by, the Department of Mathematics at UCF:
 - 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**
 - MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

Note: the following courses will not satisfy any Math degree requirements:

- MTG 4212 - Modern Geometries **Credit Hours: 4**
- MHF 4404 - History of Mathematics **Credit Hours: 3**

General Education Program (GEP) (38 Credit Hours)

- Note: Certain courses must be selected for this major, bringing GEP hours above 36
- Some concentrations require particular selections of courses in the GEP program. Please consult the desired concentration listed below.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- COP 3502C - Computer Science I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)
- Select a course listed in Social Foundations **Credit Hours: 3**

Science Foundations (8 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Suggested)
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Suggested)
- BSC 2010C - Biology I **Credit Hours: 4** (Suggested)

Common Program Prerequisites (CPP) (11 Credit Hours)

See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

- COP 3502C - Computer Science I **Credit Hours: 3** (GEP)
- 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**

Select from the courses listed in the GEP Program (4 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**¹ (GEP)
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
¹or the two semester equivalent: CHM 2040/CHM 2041

Core Requirements: Basic Level (22 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.
- 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 all three of the CHM 2045C/CHM 2046/CHM 2046L, the BSC 2010C/BSC 2011C, and the PHY 2048C/PHY 2049C sequences.
- The Engineering/Physics track requires the PHY 2048C/PHY 2049C sequence.

Core: Basic Requirements

- COP 3502C - Computer Science I **Credit Hours: 3** (GEP/CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP)
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3** (CPP)

Core: Science Sequence:

Select from the following (4 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**¹ (GEP/CPP)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
or
- BSC 2010C - Biology I **Credit Hours: 4** (GEP/PPP)
- BSC 2011C - Biology II **Credit Hours: 4**
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/PPP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
¹ or the two semester equivalent CHM 2040/CHM 2041

Core: Additional Requirements (18 Credit Hours)

Substitution of COT 3100 for MHF 3302 is possible with approval of Department Undergraduate Coordinator.

- MAA 4226 - Advanced Calculus I **Credit Hours: 4**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3106 - Linear Algebra **Credit Hours: 4**
- MAS 4301 - Abstract Algebra I **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**

Core Requirements: Advanced Level

- None

Restricted Electives

- Students must select one of the following tracks.

General Mathematics Track (18 Credit Hours)

- Select 3 credit hours from 4000 or 5000 level courses with an MAP or MAT prefix offered by the Department of Mathematics **Credit Hours: 3**
- Select 3 credit hours from 4000 or 5000 level courses with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics,

except MTG 4212.

Credit Hours: 3

- Select an additional 12 credits from 4000 or 5000 level courses offered by the Department of Mathematics except MTG 4212 or MHF 4404. **Credit Hours: 12**
- Additional Mathematics courses can be taken as approved.

Mathematical Biology Track (45 Credit Hours)

Track Prerequisites: (12 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (GEP/PPP)
- BSC 2011C - Biology II **Credit Hours: 4** (PPP)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP) (Notes: or the two semester equivalent CHM 2040/CHM 2041)
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Take all of the following: (33 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- MAP 4484 - Mathematical Biology I **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**
- Any 4000 or 5000 level course with an MAP or MAT prefix offered by the Department of Mathematics **Credit Hours: 3**
- Any 4000 or 5000 level course with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics except MTG 4212 **Credit Hours: 3**

- Select 9 credit hours from lecture courses listed in the restricted electives within the Biology and/or Biomedical Sciences programs. **Credit Hours: 9**
- Additional courses can be taken as approved.

Mathematical Economics Track (36 Credit Hours)

Track Prerequisites:

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Take all of the following: (30 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**
- ECO 3203 - Intermediate Macroeconomics **Credit Hours: 3**
- ECO 3410 - Mathematical Economics **Credit Hours: 3**
- ECO 4412 - Econometrics I **Credit Hours: 3**
- MAP 4113 - Probability, Random Processes and Applications **Credit Hours: 3**
- MAP 4640 - Financial Mathematics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- Select 3 credit hours from 4000 or 5000 level courses with an MAA, MAD MAS or MTG prefix offered by the Department of Mathematics except MTG 4212 **Credit Hours: 3**
- Additional courses can be taken as approved.

And select six credit hours from the following: (6 Credit Hours)

- ECO 3703 - International Microeconomics **Credit Hours: 3**
- ECO 4504 - Public Economics **Credit Hours: 3**
- ECO 4713 - International Macroeconomics **Credit Hours: 3**
- ECP 4303 - Environmental and Natural Resource Economics **Credit Hours: 3**

- ECP 4403 - Industrial Organization **Credit Hours: 3**
 - STA 4322 - Statistical Theory II **Credit Hours: 3**
- Additional courses can be taken as approved.

Computational Track (36 Credit Hours)

Track Prerequisites:

- COP 3502C - Computer Science I **Credit Hours: 3** (GEP/CPP/Core)

Take all of the following: (27 Credit Hours)

- COP 3503C - Computer Science II **Credit Hours: 3**
- MAP 4303 - Ordinary Differential Equations II **Credit Hours: 3**
- MAP 4341 - Introduction to Partial Differential Equations **Credit Hours: 3**
- MAP 4371 - Numerical Methods for Differential Equations **Credit Hours: 3**
- MAP 4384 - Numerical Methods for Computational Sciences **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- Select 3 credit hours from 4000 or 5000 level courses with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics except MTG 4212 **Credit Hours: 3**
- Select an additional 3 credits from 4000 or 5000 level courses offered by the Department of Mathematics except for MTG 4212 or MHF 4404 **Credit Hours: 3**

And select nine credit hours from the following: (9 Credit Hours)

- COP 3402 - Systems Software **Credit Hours: 3**
- COP 4020 - Programming Languages I **Credit Hours: 3**
- COT 4210 - Discrete Structures II **Credit Hours: 3**
- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- COP 4600 - Operating Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**

Additional courses can be taken as approved.

Engineering/Physics Track (39 Credit Hours)

Track Prerequisites:

- PHY 2048C - General Physics Using Calculus I
Credit Hours: 4 (GEP/CPP/Core)
or
- PHY 2049C - General Physics Using Calculus II
Credit Hours: 4 (CPP/Core)

Take all of the following courses: (15 Credit Hours)

- EGN 3321 - Engineering Analysis-Dynamics
Credit Hours: 3
- MAA 4402 - Introduction to Complex Variables
Credit Hours: 3
- MAP 4103 - Mathematical Modeling I **Credit Hours: 3**
- MAP 4341 - Introduction to Partial Differential Equations **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III
Credit Hours: 3

Select One: (3 Credit Hours)

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- EGN 3420 - Engineering Analysis **Credit Hours: 3**
- MAP 4371 - Numerical Methods for Differential Equations **Credit Hours: 3**
- MAP 4384 - Numerical Methods for Computational Sciences **Credit Hours: 3**
- PHZ 3151 - Computer Methods in Physics
Credit Hours: 3

Select One: (3 Credit Hours)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- PHY 3220 - Mechanics I **Credit Hours: 3**

Select One: (3 Credit Hours)

- EGN 3343 - Thermodynamics **Credit Hours: 3**
- PHY 3513 - Thermal and Statistical Physics
Credit Hours: 3

Select at least six hours: (6 Credit Hours)

- CES 4100C - Structural Analysis I and Lab
Credit Hours: 4
- EAS 3101 - Fundamentals of Aerodynamics
Credit Hours: 3
- EEL 3004C - Linear Circuits I **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3**
- ESI 4312 - Deterministic Methods for Operations Research **Credit Hours: 3**
- PHY 4604 - Wave Mechanics I **Credit Hours: 3**
- PHY 4605 - Wave Mechanics II **Credit Hours: 3**

Select at least six hours: (6 Credit Hours)

- CWR 3201 - Engineering Fluid Mechanics
Credit Hours: 3
- EAS 4105 - Flight Mechanics **Credit Hours: 3**
- EAS 4200 - Analysis & Design of Aerospace Structures **Credit Hours: 3**
- EAS 4400 - Spacecraft Attitude Dynamics
Credit Hours: 3
- EAS 4505 - Orbital Mechanics **Credit Hours: 3**
- EEE 3342C - Digital Systems **Credit Hours: 3**
- EEL 3470 - Electromagnetic Fields **Credit Hours: 3**
- EEL 3552C - Signal Analysis and Analog Communication **Credit Hours: 4**
- EEL 3657 - Linear Control Systems **Credit Hours: 3**
- EEL 3801C - Computer Organization **Credit Hours: 4**
- EEL 4742C - Embedded Systems **Credit Hours: 3**
- EEL 4750 - Digital Signal Processing Fundamentals **Credit Hours: 3**
- EEL 4832 - Engineering Applications of Computer Methods **Credit Hours: 3**
- EEL 4851C - Engineering Data Structures **Credit Hours: 4**
- EGN 3365 - Structure and Properties of Materials
Credit Hours: 3

- EGN 3613 - Engineering Economic Analysis
Credit Hours: 2
- EIN 4333 - Production and Distribution Systems
Credit Hours: 3
- EMA 4223 - Fundamentals of Mechanical Behavior of Materials **Credit Hours: 3**
- EML 3262 - Kinematics of Mechanisms **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 4142 - Heat Transfer **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EML 4313 - Intermediate System Dynamics and Controls **Credit Hours: 3**
- EML 4703 - Fluid Mechanics II **Credit Hours: 3**
- ENV 4561 - Advanced Environmental Engineering Operations & Processes **Credit Hours: 3**
- ESI 4234 - Quality Engineering **Credit Hours: 3**
- ESI 4523 - Systems Simulation **Credit Hours: 3**
- PHY 3323 - Electricity and Magnetism I **Credit Hours: 3**
- PHY 4324 - Electricity and Magnetism II **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**

Select One: (3 Credit Hours)

- MAD 4203 - Introduction to Combinatorics
Credit Hours: 3
 - MAD 4301 - Introduction to Graph Theory
Credit Hours: 3
- Additional courses can be taken as approved.

Capstone Requirements

- None

Electives

- If track allows, select electives primarily from upper level courses and with departmental advisor's approval. May be outside of the department.

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

- 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
- 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

- 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.)

Certificates

- None

Related Minors

- 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".

Acceptable Substitutes for Transfer Courses

- 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.oeads.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Freshman Year - Fall (13 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Select One

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
or

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**

Freshman Year - Summer (7 Credits)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3** - Prerequisite for COP 3502C

Sophomore Year - Fall (14 Credit Hours)

- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**

Sophomore Year - Spring (14 Credit Hours)

- MAS 3106 - Linear Algebra **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Select One

- BSC 2011C - Biology II **Credit Hours: 4**
or
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
or
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
and
- CHM 2046C - Honors Chemistry Fundamentals II **Credit Hours: 4**
A science sequence must be completed for the major

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- MAA 4226 - Advanced Calculus I **Credit Hours: 4**
- MAS 4301 - Abstract Algebra I **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Exit Interview
- Exit Exam

Minor

Mathematical Biology Minor

College of Sciences

Department of Mathematics

Mathematical Sciences Building (MSB), Room: 207

<http://math.ucf.edu>

Dr. Joseph Brennan

Joseph.Brennan@ucf.edu

Phone: 407-823-0147

Admission Requirements

- None

Minor 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 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**

Required Courses (21 Credit Hours)

- BSC 2011C - Biology II **Credit Hours: 4**
- 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**
- MAP 4484 - Mathematical Biology I **Credit Hours: 3**
- MAP 4494 - Mathematical Biology II **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select from the following:

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**

- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 24

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.

Mathematics Minor

College of Sciences

Department of Mathematics

Mathematical Sciences Building (MSB), Room: 207

<http://math.ucf.edu>

Dr. Joseph Brennan

Joseph.Brennan@ucf.edu

Phone: 407-823-0147

Admission Requirements

- The minor is not open to mathematics or math education majors.

Minor 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 within the Department of Mathematics.
- A minimum of 6 hours used to satisfy the Mathematics Minor must be unique and not be used to satisfy the requirements of a major. (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.

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Required Courses (15 Credit Hours)

- 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**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**

Restricted Electives (3 Credit Hours)

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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Department of Physics

Chair: Eduardo Mucciolo
PS 430A; 407-823-5785
Email: physics@ucf.edu
<http://sciences.ucf.edu/physics/>

Associate Chair: Joshua Colwell
Undergraduate Coordinator: Elena Flitsiyan
PS 430; 407-823-2325

Please see the department website for a listing of the department's faculty and staff.

The Department of Physics offers a multi-track program of study leading to the B.S. or B.A. degree, giving students the flexibility to choose a suitable set of courses to prepare for their career goals.

The Physics B.S. includes a common core of courses in theoretical and experimental physics that will lead to a broad understanding of the general principles of physics. The different tracks allow students to specialize, applying problem-solving techniques in a certain area of interest; this also enhances their qualifications for employment in that area after graduation. After graduation our students are prepared to enter advanced study in physics, engineering, medicine, environmental sciences, astronomy, and other related disciplines. They are also prepared to begin careers in positions as varied as engineering physics, computational physics, and physics education. Undergraduate physics majors benefit from small class sizes, and are encouraged to be involved in individually designed senior projects working with a faculty advisor.

The Physics B.A. will allow students to customize their learning trajectory for specific career interests, maximizing the relevant course-work each student can take while completing a physics degree within a four year timeline. The B.A. in Physics will provide students with a strong physics preparation, while allowing them flexibility to pursue an interdisciplinary academic program combining physics with training in an additional field, such as education, nanoscale science and technology, biophysics, business, entrepreneurship, information technology, or technical writing. The program will provide excellent preparation for middle- and high-school physics teachers and those wishing to pursue a technical career in industry or graduate study in disciplines outside physics, such as medicine or law.

The Department's research programs include optics and lasers, condensed matter physics, complex systems, biophysics, atomic and molecular physics, nanostructures, and planetary science. The Department of Physics also offers a Master of Science degree and a Doctor of Philosophy degree.

Major

Physics (B.A.)

College of Sciences
Department of Physics
Physical Sciences Building (PSB), Room: 430
<https://sciences.ucf.edu/physics>
Email: physics@ucf.edu

Dr. Elena Flitsiyan
Phone: 407-823-1156

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, Nanoscale Science and Technology, Biophysics, Information Technology/Data Science, Technical Writing.

Admission Requirements

- None

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.
 - 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**
 - ¹ PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
 - ² PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

¹ With Department permission this course can be substituted by PHY 2053C.

² With Departmental permission, this course can be substituted by PHY 2054C.

General Education Program (GEP) (39 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major which brings the GEP hours above 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Take all of the following: (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (Prefer)

Cultural & Historical Foundations (9 Credit Hours)

- HUM 2210 - Humanistic Tradition I **Credit Hours: 3** (Prefer)
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3** (Prefer)
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** (Prefer)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Suggested)

Social Foundations (6 Credit Hours)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Prefer)
- PSY 1012 - General Psychology **Credit Hours: 3** (Prefer)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (20 Credit Hours)

See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

- 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**

Select one of the following sequences of courses:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Take all of the following:

- CHM 2046C - Honors Chemistry Fundamentals II **Credit Hours: 4**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (24 Credit Hours)

- In addition to those courses specified in the Common Program Prerequisites, students also must complete the following:

Core: Required, satisfies the CPP

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** and (CPP)
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP)
or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (CPP)
With Department permission this course can be substituted by PHY 2053C
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)
With Department permission this course can be substituted by PHY 2054C

Core: Additional requirements

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- PHY 3220 - Mechanics I **Credit Hours: 3**
- PHY 3323 - Electricity and Magnetism I **Credit Hours: 3**
- PHY 3513 - Thermal and Statistical Physics **Credit Hours: 3**
- PHY 4604 - Wave Mechanics I **Credit Hours: 3**
- PHZ 3113 - Introduction to Theoretical Methods of Physics **Credit Hours: 3**

Laboratory Requirements

- PHY 3802L - Intermediate Physics Laboratory **Credit Hours: 3**

Core Requirements: Advanced Level

- Select one specialization

Education (28 Credit Hours)

- Students in this specialization must declare and be admitted to the Science Education Minor.

Required Courses: (19 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- PHY 4012 - Teaching Introductory Physics **Credit Hours: 3**
- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**
- SCE 4361 - Programs in Teaching Science **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Restricted Electives: (9 Credit Hours)

- 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 courses will be selected with adviser approval.
- Additional restricted electives can be taken as approved by an advisor.

Nanoscale Science and Technology (36 Credit Hours)

Required Courses: (12 Credit Hours)

- EMA 3691 - Nanomaterials Process Engineering **Credit Hours: 3**
- ISC 3417 - Computational Nanoscience **Credit Hours: 3**
- ISC 3424 - Chemical and Life Science Nanotechnology **Credit Hours: 3**
- ISC 3471 - Nanoscience and Nanotechnology **Credit Hours: 3**

Restricted Electives: (9 Credit Hours)

Selected from upper division physics, mathematics, chemistry, computer science or engineering courses.

Directed Electives: (15 Credit Hours)

The elective courses will be selected with advisor approval.

- BSC 3424 - Nanobiotechnology **Credit Hours: 3**
- EMA 3014 - Nanomaterials Characterization and Applications **Credit Hours: 3**

- OSE 3490 - Nanophotonics **Credit Hours: 3**
 - PHI 4690 - Ethics in Nanoscience and Nanotechnology **Credit Hours: 3**
 - PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**
 - PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3**
 - PHY 5704 - Physics of Nanoelectronic Devices **Credit Hours: 3**
 - PHY 5933 - Selected Topics in Biophysics of Macromolecules **Credit Hours: 3**
 - PHZ 3151 - Computer Methods in Physics **Credit Hours: 3**
 - PHZ 5425C - Electron Solid Interactions **Credit Hours: 3**
 - PHZ 5445 - Nanofabrication Using Focused Ion Beam **Credit Hours: 3**
- Additional restricted/ directed electives can be taken as approved by an advisor.

Biophysics (36 Credit Hours)

Required Courses: (18 Credit Hours)

- BSC 2011C - Biology II **Credit Hours: 4**
- BSC 3424 - Nanobiotechnology **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**
- MCB 1310 - Introduction to Biotechnology and Genetic Engineering **Credit Hours: 3**

Restricted Electives: (9 Credit Hours)

Select 9 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.

Directed Electives: (9 Credit Hours)

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 (33 Credit Hours)

Required Courses: (18 Credit Hours)

- CIS 3362 - Cryptography and Information Security **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- MAD 2104 - Foundations of Discrete Math **Credit Hours: 3**

Restricted Electives: (9 Credit Hours)

Select 9 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.

Directed Electives: (6 Credit Hours)

Select 6 credits from the following, or other approved upper division computer science, mathematics or engineering.

The elective courses will 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 (30 Credit Hours)

Required Courses: (15 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 4218 - Visual Technical Communication **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**

Restricted Electives: (9 Credit Hours)

Select 9 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.

Directed Electives: (6 Credit Hours)

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.

Restricted Electives

- None

Capstone Requirements

- None

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 Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

Electives

- None

Additional Requirements

- None

Required Minors

- None

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.
- 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 Semester Hours Required: 120

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

- None

Certificates

- None

Related Minors

- 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".

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>

- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (14 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
Note: Lab may be taken later if seats are not available.
- ENC 1102 - Composition II **Credit Hours: 3**

Freshman Year - Summer (7 Credits)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- PHY 3101 - General Physics Using Calculus III
Credit Hours: 3
- PHZ 3113 - Introduction to Theoretical Methods of Physics **Credit Hours: 3**
- Track Specific Course **Credit Hours: 3**
- GEP Credit Hours: 3

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- PHY 3802L - Intermediate Physics Laboratory
Credit Hours: 3
- PHY 3513 - Thermal and Statistical Physics
Credit Hours: 3
- PHY 3323 - Electricity and Magnetism I **Credit Hours: 3**
- Track Specific Course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- PHY 3220 - Mechanics I **Credit Hours: 3**
- Track Specific Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- PHY 4604 - Wave Mechanics I **Credit Hours: 3**
- Track Specific Course **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (14 Credit Hours)

- Track Specific Course **Credit Hours: 3**
- Track Specific Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 2**

Physics (B.S.)

College of Sciences

Department of Physics

Physical Sciences Building (PSB), Room: 430

<https://sciences.ucf.edu/physics>

Email: physics@ucf.edu

Dr. Elena Flitsyan

Phone: 407-823-1156

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.

Admission Requirements

- None

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 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 **Credit Hours: 4**
 - PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

General Education Program (GEP) (38 Credit Hours)

- Note: Certain courses must be selected in the GEP for this major which brings the GEP hours above 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Take both ENC courses.

- 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)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- COP 3502C - Computer Science I **Credit Hours: 3** (Required)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)

Social Foundations (6 Credit Hours)

Science Foundations

Physical Science; (4 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Life Sciences; (3 Credit Hours)

- Select from the Science Foundations, Area 2 list.

Common Program Prerequisites (CPP) (20 Credit Hours)

- See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.
- 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**

Select one of the following sequences of courses:

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3**

and

- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3**
- or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Take all of the following:

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Core Requirements: Basic Level (36 Credit Hours)

- Required of all specializations.
- In addition to those courses specified in the Common Program Prerequisites, students also must complete the following.

Core: Required, satisfies the CPP

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (CPP)
- and
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (CPP)
- or
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/ CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP)
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/ CPP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

Core: Additional requirements

Complete all of the following:

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- PHY 3220 - Mechanics I **Credit Hours: 3**
- PHY 3323 - Electricity and Magnetism I **Credit Hours: 3**
- PHY 3513 - Thermal and Statistical Physics **Credit Hours: 3**
- PHY 4324 - Electricity and Magnetism II **Credit Hours: 3**
- PHY 4604 - Wave Mechanics I **Credit Hours: 3**
- PHY 4605 - Wave Mechanics II **Credit Hours: 3**
- PHY 4912 - Directed Independent Research **Credit Hours: 3** (in area of specialization)
- PHZ 3113 - Introduction to Theoretical Methods of Physics **Credit Hours: 3**
- PSC 3911 - FLC Physical Science Capstone R/I **Credit Hours: 3**

Laboratory Requirement (6 Credit Hours)

- PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**
- or
- PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3**
- PHY 3802L - Intermediate Physics Laboratory **Credit Hours: 3**

Core Requirements: Advanced Level

- Select one specialization

General Physics Specialization (18 Credit Hours)

- PHY 4803L - Advanced Physics Laboratory **Credit Hours: 3**

Restricted Electives: (6 Credit Hours)

- Select from upper division PHY, PHZ, or AST courses **Credit Hours: 6**
or
- Additional restricted electives can be taken as approved by an advisor.

Directed Electives: (9 Credit Hours)

- 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. **Credit Hours: 9**

Materials Physics Specialization (18 Credit Hours)

Select One (3 Credit Hours)

- EEE 5356C - Fabrication of Solid-State Devices **Credit Hours: 4**
- PHY 4803L - Advanced Physics Laboratory **Credit Hours: 3**

Select Three (9 Credit Hours)

- CHM 3411L - Physical Chemistry Laboratory **Credit Hours: 2**
- EEE 3350 - Semiconductor Devices **Credit Hours: 3**
- EEE 5352 - Semiconductor Material and Device Characterization **Credit Hours: 3** or
- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- EMA 4413 - Fundamentals of Electronic Materials **Credit Hours: 3**
- PHZ 4404 - Solid State Physics **Credit Hours: 3**
or
Additional courses may be added as approved.

Directed Electives: (6 Credit Hours)

- 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. **Credit Hours: 6**

or

- Additional directed electives can be taken as approved by an advisor.

Optics and Lasers Specialization (18 Credit Hours)

- PHY 4424 - Optics **Credit Hours: 3**

Select Two (6 Credit Hours)

- EEL 4440C - Optical Engineering **Credit Hours: 3**
- OSE 5203 - Geometrical Optics **Credit Hours: 3**
- OSE 5312 - Light Matter Interaction **Credit Hours: 3**
- OSE 5414 - Fundamentals of Optoelectronic Devices **Credit Hours: 3**
- PHY 4445 - Lasers **Credit Hours: 3**
or
Additional courses may be added as approved.

Directed Electives: (9 Credit Hours)

- 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. **Credit Hours: 9**
or
Additional directed electives can be taken as approved by an advisor.

Computational Physics Specialization (18 Credit Hours)

- COP 3502C - Computer Science I **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- COT 4500 - Numerical Calculus **Credit Hours: 3**
- PHZ 3151 - Computer Methods in Physics **Credit Hours: 3**

Directed Electives: (6 Credit Hours)

- 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. **Credit Hours: 6**

or

Additional directed electives can be taken as approved by an advisor.

Astronomy Specialization (18 Credit Hours)

- AST 2002 - Astronomy **Credit Hours: 3**
- Select from upper division AST courses **Credit Hours: 6**

Select One (3 Credit Hours)

- AST 4700 - Experimental Methods in Astronomy **Credit Hours: 3**
 - AST 4762C - Astronomical Data Analysis **Credit Hours: 3**
 - AST 5765C - Advanced Astronomical Data Analysis **Credit Hours: 3**
- or
- Additional directed electives can be taken as approved by an advisor.

Directed Electives: (6 Credit Hours)

- 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. **Credit Hours: 6**
- or
- Additional directed electives can be taken as approved by an advisor.

Restricted Electives

- None

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 high school, or one year college language (or equivalent proficiency exam) prior to graduation.

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.

Required Minors

- None

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
- 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

- 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.)

Certificates

- None

Related Minors

- 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12.40 per term
- Full-Time Student: \$24.80 per term

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (14 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

Note: Lab may be taken later if seats are not available

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- MAC 2312 - Calculus with Analytic Geometry II **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**

Freshman Year - Summer (7 Credits)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**

- **GEP Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- **GEP Credit Hours: 3**
- Elective **Credit Hours: 2**

Sophomore Year - Spring (12 Credit Hours)

- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- PHZ 3113 - Introduction to Theoretical Methods of Physics **Credit Hours: 3**
- **GEP Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- **GEP Credit Hours: 3**
- **GEP Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- PHY 3802L - Intermediate Physics Laboratory **Credit Hours: 3**
- PHY 3513 - Thermal and Statistical Physics **Credit Hours: 3**
- PHY 3323 - Electricity and Magnetism I **Credit Hours: 3**
- PHY 3722C - Physics Laboratory-Electronics **Credit Hours: 3**
or
- PHY 3752C - Physics of Scientific Instruments **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- PHY 3220 - Mechanics I **Credit Hours: 3**
- PHY 4324 - Electricity and Magnetism II **Credit Hours: 3**
- Required Track Course **Credit Hours: 3**

- Restricted Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PHY 4604 - Wave Mechanics I **Credit Hours: 3**
- PHY 4912 - Independent Research **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PHY 4605 - Wave Mechanics II **Credit Hours: 3**
- PSC 3911 - FLC Physical Science Capstone R/I **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**
- Directed Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Exit Interview
- Physics Test - Nationally Normed

Minor

Astronomy Minor

College of Sciences

Department of Physics

Physical Sciences Building (PSB), Room: 430

<https://sciences.ucf.edu/physics>

Email: physics@ucf.edu

Dr. Humberto Campins

Phone: 407-823-2325

Minor Admission Requirements

- The minor is not open to Physics majors with an Astronomy specialization.

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.

Required Courses (19 Credit Hours)

- AST 2002 - Astronomy **Credit Hours: 3**
- AST 3211 - Stellar Astrophysics **Credit Hours: 3**
- AST 3402 - Galaxies and Cosmology **Credit Hours: 3**
- AST 4152 - Planetary Geophysics **Credit Hours: 3**
- AST 4700 - Experimental Methods in Astronomy **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours

Required: 19

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Geosciences Minor

College of Sciences
Department of Physics
Physical Sciences Building (PSB), Room: 403
<https://sciences.ucf.edu/physics>
Email: physics@ucf.edu

Dr. Joseph Donoghue
joseph.donoghue@ucf.edu
Phone: 407-823-2325

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.

Admission Requirements

- None

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.

Required Courses (9 Credit Hours)

Take one Course (3 Credit Hours)

- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies **Credit Hours: 3**
or an equivalent approved course with similar content on geographic information systems

At least two of the following courses: (6 Credit Hours)

- GEO 1200 - Physical Geography **Credit Hours: 3**
 - GEO 3471 - World Political 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**
 - OCE 3008 - Oceanography **Credit Hours: 3**
 - PHY 1038 - Physics of Energy, Climate Change and Environment **Credit Hours: 3**
- Additional courses can be taken as approved.

Restricted Electives (9 Credit Hours)

At least two of the following courses which are not used above (6 Credit Hours):

- AST 4152 - Planetary Geophysics **Credit Hours: 3**
- BSC 4861L - Urban Ecological Field Studies **Credit Hours: 3**
- CHS 4615 - Environmental Chemistry **Credit Hours: 3**
- CWR 4120 - Hydrology **Credit Hours: 3**
- CWR 4124 - Hydrogeology **Credit Hours: 3**
- GLY 1030 - Geology and its Applications **Credit Hours: 3**
- GLY 2038 - Environmental Geoscience **Credit Hours: 3**
- GLY 4730 - Marine Geology **Credit Hours: 3**
- GLY 4734 - Coastal Processes **Credit Hours: 3**
- MET 2104 - The Earth's Climate **Credit Hours: 3**
- OCE 3008 - Oceanography **Credit Hours: 3**
- PHY 1038 - Physics of Energy, Climate Change and Environment **Credit Hours: 3**

At least one of the following courses which are not used above (3 Credit Hours):

- ANT 4051 - Environmental Anthropology **Credit Hours: 3**
 - GEO 1200 - Physical Geography **Credit Hours: 3**
 - GEO 2370 - Resources Geography **Credit Hours: 3**
 - GEO 3471 - World Political Geography **Credit Hours: 3**
- Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Semester Hours Required: 18

Other Requirements

- Internship, co-op, or independent study are allowed with advisor approval.

Nanoscale Science and Technology Minor

College of Sciences
Department of Physics
Physical Sciences Building (PSB), Room: 403
<https://sciences.ucf.edu/physics>
Email: physics@ucf.edu

Dr. Enrique del Barco
delbarco@ucf.edu
Phone: 407-823-2325

This minor is designed to offer students a working knowledge of nanoscience principles and industrial applications, and to understand the societal and technology issues that may impede the adoption of nanotechnology. In addition, students are expected to develop the ability to communicate effectively, work collaboratively, and identify paths and requisite knowledge and skills for nanotechnology careers. With the service learning component built into the three core courses, students completing the minor will only need a fourth SL-designated course of their choice to receive a UCF Service-Learning certificate.

Admission Requirements

- None

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.

Prerequisite Courses

- There are no pre-requisites for this minor other than the ones required to enroll in the courses required or chosen to complete the minor

Suggested Courses

- Students are encouraged to take at least one of the following programming courses unless they already have some basic training or programming:
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Required Courses (18 Credit Hours)

Select one:

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2053C - College Physics I **Credit Hours: 4**

Select one:

- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- PHY 2054C - College Physics II **Credit Hours: 4**

Select one:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**

Select two:

- ISC 3471 - Nanoscience and Nanotechnology **Credit Hours: 3**
- ISC 3424 - Chemical and Life Science Nanotechnology **Credit Hours: 3**
- ISC 3417 - Computational Nanoscience **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Select one course from the following list, if not already chosen as part of the required course options. Other electives should be taken with approval of the program director.
 - BSC 3424 - Nanobiotechnology **Credit Hours: 3**
 - CHM 3410 - Physical Chemistry I **Credit Hours: 4**
 - CHM 4610 - Inorganic Chemistry **Credit Hours: 3**
 - CHM 5450 - Polymer Chemistry **Credit Hours: 3**
 - ISC 3471 - Nanoscience and Nanotechnology **Credit Hours: 3**
 - ISC 3424 - Chemical and Life Science Nanotechnology **Credit Hours: 3**
 - ISC 3417 - Computational Nanoscience **Credit Hours: 3**
 - OSE 3490 - Nanophotonics **Credit Hours: 3**
 - PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
 - PHI 4690 - Ethics in Nanoscience and Nanotechnology **Credit Hours: 3**
 - PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
 - PHY 3802L - Intermediate Physics Laboratory **Credit Hours: 3**
 - PHY 4604 - Wave Mechanics I **Credit Hours: 3**
 - PHY 4605 - Wave Mechanics II **Credit Hours: 3**
 - PHY 5933 - Selected topics in biophysics of macromolecules **Credit Hours: 3**
 - PHZ 3151 - Computer Methods in Physics **Credit Hours: 3**
 - PHZ 5425C - Electron Solid Interactions **Credit Hours: 3**
- Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 21

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Physics Minor

College of Sciences
Department of Physics
Physical Sciences Building (PSB), Room: 430
<https://sciences.ucf.edu/physics>
Email: physics@ucf.edu

Dr. Elena Flitsiyan
Phone: 407-823-1156

Admission Requirements

- The minor is not open to physics majors.

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.

Required Courses (11 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**

- PHY 2049C - General Physics Using Calculus II
Credit Hours: 4
- PHY 3101 - General Physics Using Calculus III
Credit Hours: 3

Restricted Electives (9 Credit Hours)

- Select from upper-level physics lecture or laboratory courses appropriate for majors

Foreign Language Requirements

- None

**Total Undergraduate Credit Hours
Required: 20**

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

School of Politics, Security, and International Affairs

Director: Kerstin Hamann
HPH 302; 407-823-2608
Email: politics@ucf.edu
<http://sciences.ucf.edu/politicalscience/>

Assistant Chair: Barbara Kinsey
Undergraduate Coordinator: Nathan Ilderton
PH 302; 407-823-2608

Please see the school website for a listing of the school's faculty and staff.

The School of Politics, Security, and International Affairs seeks to:

1. Provide students with a broad background for careers in foreign and domestic public service and in the private sector where knowledge of government and politics is necessary;
2. Provide students with a broad background in pre-law to facilitate their admission to law school;
3. Prepare students for teaching, research, and graduate study in Political Science;

4. Provide a broad background for careers in politics; and
5. Educate citizens and promote their active interest in public affairs.

Students should plan their major or minor in consultation with the school advisor according to their interests and career objectives. Political Science B.A. elective courses are divided into three areas of specialization: American Politics and Policy, International Relations and Comparative Politics, and Political Theory. International & Global Studies B.S. elective courses are divided into functional and regional courses. It is strongly recommended that majors planning to continue their education at the graduate level or to pursue a career in international fields acquire a working knowledge of a foreign language beyond that required for the B.A.

Major

International and Global Studies (B.A.)

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: politics@ucf.edu

Dr. Paul Vasquez
Phone: 407-823-2608

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

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 International 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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
- ENC 1102 - Composition II **Credit Hours: 3** (Preferred)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural & Historical Foundations (9 Credit Hours)

- WOH 2012 - World Civilization I **Credit Hours: 3** (Preferred)
- WOH 2022 - World Civilization II **Credit Hours: 3** (Preferred)
- One course from the Cultural and Historical Foundation, Area 2 list **Credit Hours: 3** (Required)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

Select one:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)
- May substitute a higher level math with appropriate scores on the Math Placement Exam. **Credit Hours: 3**

Statistics: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)
- May substitute a more advanced STA course.

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- One course from the Social Foundation, Area 2 list **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level (3 Credit Hours)

- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3 (GEP)**

Core Requirements: Advanced Level (15 Credit Hours)

- CPO 3103 - Comparative Politics **Credit Hours: 3**
- GEO 3471 - World Political Geography **Credit Hours: 3**
- INR 4008 - Global Perspectives **Credit Hours: 3**
- INR 4603 - International Relations Theory **Credit Hours: 3**
- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
- POS 4961 - Exit Course **Credit Hours: 0**

Restricted Electives (18 Credit Hours)

- Note: Students must meet all prerequisites before taking these classes.
- Other courses may be substituted with school approval.

Regional (9 Credit Hours)

Select from the following listing:

- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3104 - Politics of Western Europe **Credit Hours: 3**
- CPO 3132 - Canadian Politics **Credit Hours: 3**
- CPO 3403 - Politics of the Middle East **Credit Hours: 3**
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3**
- CPO 4101 - Politics of the European Union **Credit Hours: 3**

- CPO 4123 - Government and Politics of Great Britain **Credit Hours: 3**
- CPO 4303 - Comparative Latin American Politics **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**
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3**
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3**
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3**
- INR 3253 - International Politics of Africa **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**

Functional (9 Credit Hours)

Select from the following listing:

- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3**
- CPO 4062 - Comparative Judicial Process **Credit Hours: 3**
- CPO 4074 - Political Economy **Credit Hours: 3**
- CPO 4445 - Comparative Political Parties **Credit Hours: 3**
- CPO 4731 - Politics of Democratization **Credit Hours: 3**
- CPO 4754 - Comparative Political Institutions **Credit Hours: 3**
- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- INR 3016 - Global Political Issues **Credit Hours: 3**
- INR 4011 - Politics of Globalization **Credit Hours: 3**
- INR 4030 - Diplomacy **Credit Hours: 3**

- INR 4035 - International Political Economy **Credit Hours: 3**
- INR 4054 - Global Politics of Energy **Credit Hours: 3**
- INR 4060 - Causes of War **Credit Hours: 3**
- INR 4063 - The Cold War **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 4085 - Women, Gender, and Globalization **Credit Hours: 3**
- INR 4102 - American Foreign Policy **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 4225 - The Vietnam War **Credit Hours: 3**
- INR 4304 - Issues in International Public Policy **Credit Hours: 3**
- INR 4335 - Coercion in International Politics **Credit Hours: 3**
- INR 4350 - Global Environmental Politics **Credit Hours: 3**
- INR 4351 - International Environmental Law **Credit Hours: 3**
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3**
- INR 4364 - The Intelligence Community **Credit Hours: 3**
- INR 4401 - International Law **Credit Hours: 3**
- INR 4404 - Space Law **Credit Hours: 3**
- INR 4502 - International Organizations **Credit Hours: 3**
- INR 4714 - Politics of International Trade Policy **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**
- INR 4765 - Emerging Space Powers **Credit Hours: 3**

- INR 4774 - Military Space Policy **Credit Hours: 3**
- INR 4941 - Internship **Credit Hours: 3**
- POS 3733 - Designing Political Science Research **Credit Hours: 3**
- PUP 4503 - Government and Science **Credit Hours: 3**
- PUP 4510 - Space Policy **Credit Hours: 3**

Capstone Requirements

- None

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.
- 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

Admissions

- Met by graduation requirement

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.

Additional Requirements

- None

Required Minors

- 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.
- Note: The International Business Minor is only available to Business majors.
- Other minors may be substituted with the program coordinator's approval.
- Aerospace Studies Minor
- Africana Studies
- 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
- Intelligence and National Security Minor
- International Business Minor
- International Engineering
- Italian Minor
- Judaic Studies
- Latin American Studies Minor
- Middle Eastern Studies Minor
- Military Science Minor
- Religion and Cultural Studies
- 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 taken in the major. If additional major courses are taken beyond the minimum required (e.g. additional restricted

electives), those courses will be included in the GPA calculation.

- 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.

Total Undergraduate Credit Hours Required: 120

Additional Information

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.)

Certificates

- Diplomacy Certificate
- Intelligence and National Security Certificate

Related Minors

- 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".

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: \$5 per term
- Full-Time Student: \$10 per term

Plan of Study (120 Credit Hours)

- One of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Freshman Year - Fall (13 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- Foreign Language XXX1120 **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**
- WOH 2012 - World Civilization I **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- Foreign Language XXX1121 **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- WOH 2022 - World Civilization II **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Summer (6 Credits)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

- **GEP Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
- GEO 3471 - World Political Geography **Credit Hours: 3**
- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
- Foreign Language XXX2200 **Credits Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- CPO 3103 - Comparative Politics **Credit Hours: 3**
- INR 4008 - Global Perspectives **Credit Hours: 3**
- INR 4603 - International Relations Theory **Credit Hours: 3**
- Foreign Language XXX2201 **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- **Restricted Elective Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- **Restricted Elective Credit Hours: 3**
- **Restricted Elective Credit Hours: 3**
- **GEP - Math Credit Hours: 3**
- **GEP Credit Hours: 3**
- **Free Elective Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- **Restricted Elective Credit Hours: 3**
- **Restricted Elective Credit Hours: 3**
- **Elective / Minor Credit Hours: 3**
- **Elective / Minor Credit Hours: 3**
- **GEP Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- **Restricted Elective Credit Hours: 3**
- **Elective / Minor Credit Hours: 3**
- **Elective / Minor Credit Hours: 3**
- **Free Elective Credit Hours: 3**
- **Free Elective Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- POS 4961 - Exit Course **Credit Hours: 0**
- **Elective / Minor Credit Hours: 3**
- **Elective / Minor Credit Hours: 3**
- **Elective Credit Hours: 4**
- **Elective Credit Hours: 3**

Political Science (B.A.)

College of Sciences

School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

Email: politics@ucf.edu

Dr. Kerstin Hamann

Phone: 407-823-2608

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

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 International 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 **Credit Hours: 3**
 - POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
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 **Credit Hours: 3**
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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)

- ENC 1102 - Composition II **Credit Hours: 3** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural & Historical Foundations (9 Credit Hours)

For Track 1 (American Politics) students

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)

For Track 2 (Int'l & Comp) students:

- EUH 2001 - Western Civilization II **Credit Hours: 3** (Preferred)
- WOH 2022 - World Civilization II **Credit Hours: 3** (Preferred)
- Select two courses from Cultural & Historical Foundations, Area 2 **Credit Hours: 6**

Mathematical Foundations (6 Credit Hours)

Math (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)
- You may substitute a higher level math with appropriate scores on the Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>.

Statistics (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)
- May substitute a higher level Statistics course. **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)

- Select from Social Foundations, Area 2 **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (3 Credit Hours)

See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

- POS 2041 - American National Government **Credit Hours: 3** (GEP)
- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**

Core Requirements: Basic Level

Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

- POS 2041 - American National Government **Credit Hours: 3** (GEP/CPP)

Core Requirements: Advanced Level (18 Credit Hours)

Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3** (CPP)
- Two courses from Area A **Credit Hours: 6**
- Two courses from Area B **Credit Hours: 6**
- Two courses from Area C **Credit Hours: 6**
- POS 4961 - Exit Course **Credit Hours: 0**

Restricted Electives (12 Credit Hours)

- Choose one of the following tracks.

Track 1: American Politics and Policy

- Two courses from Area A **Credit Hours: 6**
- Two courses from any Area **Credit Hours: 6**

Track 2: International Relations-Comparative Politics

- Two courses from Area B **Credit Hours: 6**
- Two courses from any Area **Credit Hours: 6**

Track 3: Prelaw

- Please see Political Science - Prelaw Track

Areas of Specialization

A. American Politics and Policy Area

- POS 3076 - American Indian Politics **Credit Hours: 3** or
- POS 3122 - State Government and Public Policy **Credit Hours: 3** or
- POS 3173 - Southern Politics **Credit Hours: 3** or
- POS 3182 - Florida Politics **Credit Hours: 3** or
- POS 3233 - Public Opinion **Credit Hours: 3** or
- POS 3234 - Protest in American Politics **Credit Hours: 3** or
- POS 3235 - Mass Media and Politics **Credit Hours: 3** or
- POS 3258 - Politics in Film **Credit Hours: 3** or
- POS 3272 - Civic Engagement **Credit Hours: 3** or
- POS 3273 - Voting and Elections **Credit Hours: 3** or
- POS 3413 - The American Presidency **Credit Hours: 3** or
- POS 3424 - Congress and the Legislative Process **Credit Hours: 3** or
- POS 3443 - Political Parties and Processes **Credit Hours: 3** or
- POS 3463 - Interest Groups **Credit Hours: 3** or
- POS 3733 - Designing Political Science Research **Credit Hours: 3** or
- POS 4023 - The Politics of LGBTQ+ Policy **Credit Hours: 3** or
- POS 4030 - The Politics of Sports **Credit Hours: 3** or
- POS 4074 - Latino Politics **Credit Hours: 3** or
- POS 4142 - Metropolitan Politics **Credit Hours: 3** or
- POS 4204 - Political Behavior **Credit Hours: 3** or

- POS 4244 - Political Socialization **Credit Hours: 3** or
- POS 4284 - Judicial Process and Politics **Credit Hours: 3** or
- POS 4412 - Presidential Campaigning **Credit Hours: 3** or
- POS 4603 - American Constitutional Law I **Credit Hours: 3** or
- POS 4604 - American Constitutional Law II **Credit Hours: 3** or
- POS 4622 - Politics and Civil Rights **Credit Hours: 3** or
- POS 4623 - Guns, Freedom and Citizenship **Credit Hours: 3** or
- POS 4700 - Teaching American Politics and Government **Credit Hours: 3** or
- POS 4764 - GIS for Political Analysis **Credit Hours: 3** or
- PUP 3203 - Environmental Politics **Credit Hours: 3** or
- PUP 3204 - Sustainability **Credit Hours: 3** or
- PUP 3314 - Minorities in American Politics **Credit Hours: 3** or
- PUP 4003 - American Public Policy **Credit Hours: 3** or
- PUP 4209 - Urban Environmental Policy **Credit Hours: 3** or
- PUP 4323 - Women and Public Policy **Credit Hours: 3** or
- PUP 4404 - Education and Politics **Credit Hours: 3** or
- PUP 4503 - Government and Science **Credit Hours: 3** or
- PUP 4510 - Space Policy **Credit Hours: 3** or
- PUP 4744 - Government and Business **Credit Hours: 3** or
- PUP 4931 - Topics in Public Policy **Credit Hours: 3**

B. International Relations and Comparative Government Area

- CPO 3034 - Politics of Developing Areas **Credit Hours: 3** or
- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3** or
- CPO 3103 - Comparative Politics **Credit Hours: 3** or
- CPO 3104 - Politics of Western Europe **Credit Hours: 3** or

- CPO 3132 - Canadian Politics **Credit Hours: 3** or
- CPO 3403 - Politics of the Middle East **Credit Hours: 3** or
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3** or
- CPO 4062 - Comparative Judicial Process **Credit Hours: 3** or
- CPO 4074 - Political Economy **Credit Hours: 3** or
- CPO 4101 - Politics of the European Union **Credit Hours: 3** or
- CPO 4123 - Government and Politics of Great Britain **Credit Hours: 3** or
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3** or
- CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy **Credit Hours: 3** or
- CPO 4445 - Comparative Political Parties **Credit Hours: 3** or
- CPO 4514 - Politics of East Asia **Credit Hours: 3** or
- CPO 4541 - Chinese Politics **Credit Hours: 3** or
- CPO 4553 - Politics of Japan **Credit Hours: 3** or
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3** or
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3** or
- CPO 4731 - Politics of Democratization **Credit Hours: 3** or
- CPO 4754 - Comparative Political Institutions **Credit Hours: 3** or
- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3** or
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3** or
- GEO 3471 - World Political Geography **Credit Hours: 3** or
- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3** or
- INR 3016 - Global Political Issues **Credit Hours: 3** or
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3** or
- INR 3253 - International Politics of Africa **Credit Hours: 3** or
- INR 4008 - Global Perspectives **Credit Hours: 3** or
- INR 4011 - Politics of Globalization **Credit Hours: 3** or

- INR 4030 - Diplomacy **Credit Hours: 3** or
- INR 4035 - International Political Economy **Credit Hours: 3** or
- INR 4054 - Global Politics of Energy **Credit Hours: 3** or
- INR 4060 - Causes of War **Credit Hours: 3** or
- INR 4063 - The Cold War **Credit Hours: 3** or
- INR 4074 - Immigration Policy **Credit Hours: 3** or
- INR 4075 - Human Rights Policy **Credit Hours: 3** or
- INR 4076 - Global Drug Policy **Credit Hours: 3** or
- INR 4084 - Politics of International Terrorism **Credit Hours: 3** or
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3** or
- INR 4102 - American Foreign Policy **Credit Hours: 3** or
- INR 4104 - Topics and Cases in American Foreign Policy **Credit Hours: 3** or
- INR 4114 - American Security Policy **Credit Hours: 3** or
- INR 4115 - Strategic Weapons and Arms Control **Credit Hours: 3** or
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3** or
- INR 4225 - The Vietnam War **Credit Hours: 3** or
- INR 4243 - International Politics of Latin America **Credit Hours: 3** or
- INR 4274 - International Politics of the Middle East **Credit Hours: 3** or
- INR 4304 - Issues in International Public Policy **Credit Hours: 3** or
- INR 4335 - Coercion in International Politics **Credit Hours: 3** or
- INR 4350 - Global Environmental Politics **Credit Hours: 3** or
- INR 4351 - International Environmental Law **Credit Hours: 3** or
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3** or
- INR 4364 - The Intelligence Community **Credit Hours: 3** or
- INR 4401 - International Law **Credit Hours: 3** or
- INR 4404 - Space Law **Credit Hours: 3** or
- INR 4502 - International Organizations **Credit Hours: 3** or

- INR 4714 - Politics of International Trade Policy **Credit Hours: 3** or
- INR 4743 - Military Power and Effectiveness **Credit Hours: 3** or
- INR 4744 - Militaries in World Politics **Credit Hours: 3** or
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3** or
- INR 4765 - Emerging Space Powers **Credit Hours: 3** or
- INR 4774 - Military Space Policy **Credit Hours: 3** or
- POS 3733 - Designing Political Science Research **Credit Hours: 3** or
- PUP 3014 - Comparative Public Policy **Credit Hours: 3** or
- PUP 4510 - Space Policy **Credit Hours: 3**

C. Political Theory Area

- INR 4603 - International Relations Theory **Credit Hours: 3** or
- POT 3204 - American Political Thought **Credit Hours: 3** or
- POT 3302 - Modern Political Ideologies **Credit Hours: 3** or
- POT 4003 - Political Theory **Credit Hours: 3** or
- POT 4025 - Ancient, Medieval and Early Modern Political Philosophy **Credit Hours: 3** or
- POT 4066 - Contemporary Political Theory **Credit Hours: 3** or
- POT 4109 - Politics and Literature **Credit Hours: 3** or
- POS 4206 - Political Psychology **Credit Hours: 3** or
- POT 4305 - Democracy, Capitalism, and the Individual **Credit Hours: 3** or
- POT 4314 - Contemporary Democratic Theory **Credit Hours: 3** or
- POT 4331 - Utopia/Dystopia **Credit Hours: 3** or
- POT 4345 - Pan-Africanist Thought **Credit Hours: 3** or
- POT 4632 - Religion and Politics **Credit Hours: 3**
or other courses may be substituted with school approval.

Capstone Requirements

- None

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 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

Admissions

- Met by graduation requirement

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.

Additional Requirements

- None

Required Minors

- None

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses taken in the major. If additional major courses are taken beyond the minimum required (e.g. additional restricted electives), those courses will be included in the GPA calculation.
- Complete the POS 4961 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.

Total Undergraduate Credit Hours Required: 120

Additional Information

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.)

Certificates

- Diplomacy Certificate
- Intelligence and National Security Certificate
- Civics Teaching Certificate

Related Minors

- 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".

Acceptable Substitutes for Transfer Courses

- 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

Equipment Fees

- Part-Time Student: \$5 per term
- Full-Time Student: \$10 per term

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- You may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- Foreign Language (XXX1120C) **Credit Hours: 4**

Select One: GEP 4 - Historical Foundation
Credit Hours: 3

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** Recommended for the American Politics and Policy Track
or
- EUH 2001 - Western Civilization II **Credit Hours: 3** Recommended for the International Relations and Comparative Politics Track
or
- WOH 2022 - World Civilization II **Credit Hours: 3** Recommended for the International Relations and Comparative Politics Track

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 4**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- POS 4961 - Exit Course **Credit Hours: 0**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Political Science, Prelaw Track (B.A.)

College of Sciences
School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

Email: politics@ucf.edu

Dr. Roger Handberg

Phone: 407-823-2608

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.

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 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 International 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 **Credit Hours: 3**
 - POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
- ENC 1102 - Composition II **Credit Hours: 3** (Preferred)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural & Historical Foundations (9 Credit Hours)

- Select two courses from Cultural & Historical Foundations, Area 2.

Select One: (3 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- EUH 2001 - Western Civilization II **Credit Hours: 3** (Preferred)
- WOH 2022 - World Civilization II **Credit Hours: 3** (Preferred)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Preferred)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)
- May substitute a higher level math with appropriate scores on the Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>

Statistics: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)
- May substitute a higher level statistics course. **Credit Hours: 3**

Social Foundations (6 Credit Hours)

Political Science (3 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)

Social Science (3 Credit Hours)

- Select one of the listed courses from Social Foundations. **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (3 Credit Hours)

See Acceptable Substitutes for Transfer Courses for possible substitutes for the courses listed below.

- POS 2041 - American National Government **Credit Hours: 3** (GEP)
- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**

Core Requirements: Basic Level

Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

- POS 2041 - American National Government **Credit Hours: 3** (GEP/CPP)

Core Requirements: Advanced Level (3 Credit Hours)

Courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3** (CPP)
- POS 4284 - Judicial Process and Politics **Credit Hours: 3**
- POS 4961 - Exit Course **Credit Hours: 0** (course during graduating semester)

Restricted Electives (27 Credit Hours)

Select one from the following courses: (3 Credit Hours)

- INR 4401 - International Law **Credit Hours: 3**
- POS 4603 - American Constitutional Law I **Credit Hours: 3**
- POS 4604 - American Constitutional Law II **Credit Hours: 3**

Take all of the following: (24 Credit Hours)

- Two courses from Area A **Credit Hours: 6**
- Two courses from area B **Credit Hours: 6**
- One course from area C **Credit Hours: 3**
- Three courses from Any Area **Credit Hours: 9**

Areas of Specialization

A. American Politics and Policy Area

- POS 3076 - American Indian Politics **Credit Hours: 3** or
- POS 3122 - State Government and Public Policy **Credit Hours: 3** or
- POS 3173 - Southern Politics **Credit Hours: 3** or
- POS 3182 - Florida Politics **Credit Hours: 3** or
- POS 3233 - Public Opinion **Credit Hours: 3** or
- POS 3234 - Protest in American Politics **Credit Hours: 3** or
- POS 3235 - Mass Media and Politics **Credit Hours: 3** or
- POS 3258 - Politics in Film **Credit Hours: 3** or
- POS 3272 - Civic Engagement **Credit Hours: 3** or
- POS 3273 - Voting and Elections **Credit Hours: 3** or
- POS 3413 - The American Presidency **Credit Hours: 3** or
- POS 3424 - Congress and the Legislative Process **Credit Hours: 3** or
- POS 3443 - Political Parties and Processes **Credit Hours: 3** or
- POS 3463 - Interest Groups **Credit Hours: 3** or
- POS 3733 - Designing Political Science Research **Credit Hours: 3** or
- POS 4030 - The Politics of Sports **Credit Hours: 3** or
- POS 4023 - The Politics of LGBTQ+ Policy **Credit Hours: 3** or
- POS 4074 - Latino Politics **Credit Hours: 3** or
- POS 4142 - Metropolitan Politics **Credit Hours: 3** or
- POS 4204 - Political Behavior **Credit Hours: 3** or
- POS 4244 - Political Socialization **Credit Hours: 3** or
- POS 4412 - Presidential Campaigning **Credit Hours: 3** or
- POS 4603 - American Constitutional Law I **Credit Hours: 3** or
- POS 4604 - American Constitutional Law II **Credit Hours: 3** or
- POS 4622 - Politics and Civil Rights **Credit Hours: 3** or

- POS 4623 - Guns, Freedom and Citizenship **Credit Hours: 3** or
- POS 4700 - Teaching American Politics and Government **Credit Hours: 3** or
- POS 4764 - GIS for Political Analysis **Credit Hours: 3** or
- PUP 3203 - Environmental Politics **Credit Hours: 3** or
- PUP 3204 - Sustainability **Credit Hours: 3** or
- PUP 3314 - Minorities in American Politics **Credit Hours: 3** or
- PUP 4003 - American Public Policy **Credit Hours: 3** or
- PUP 4209 - Urban Environmental Policy **Credit Hours: 3** or
- PUP 4323 - Women and Public Policy **Credit Hours: 3** or
- PUP 4404 - Education and Politics **Credit Hours: 3** or
- PUP 4503 - Government and Science **Credit Hours: 3** or
- PUP 4510 - Space Policy **Credit Hours: 3** or
- PUP 4744 - Government and Business **Credit Hours: 3** or
- PUP 4931 - Topics in Public Policy **Credit Hours: 3** or

B. International Relations and Comparative Government Area

- CPO 3034 - Politics of Developing Areas **Credit Hours: 3** or
- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3** or
- CPO 3103 - Comparative Politics **Credit Hours: 3** or
- CPO 3104 - Politics of Western Europe **Credit Hours: 3** or
- CPO 3132 - Canadian Politics **Credit Hours: 3** or
- CPO 3403 - Politics of the Middle East **Credit Hours: 3** or
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3** or
- CPO 4062 - Comparative Judicial Process **Credit Hours: 3** or
- CPO 4074 - Political Economy **Credit Hours: 3** or
- CPO 4101 - Politics of the European Union **Credit Hours: 3** or

- CPO 4123 - Government and Politics of Great Britain **Credit Hours: 3** or
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3** or
- CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy **Credit Hours: 3** or
- CPO 4445 - Comparative Political Parties **Credit Hours: 3** or
- CPO 4514 - Politics of East Asia **Credit Hours: 3** or
- CPO 4541 - Chinese Politics **Credit Hours: 3** or
- CPO 4553 - Politics of Japan **Credit Hours: 3** or
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3** or
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3** or
- CPO 4731 - Politics of Democratization **Credit Hours: 3** or
- CPO 4754 - Comparative Political Institutions **Credit Hours: 3** or
- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3** or
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3** or
- GEO 3471 - World Political Geography **Credit Hours: 3** or
- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3** or
- INR 3016 - Global Political Issues **Credit Hours: 3** or
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3** or
- INR 3253 - International Politics of Africa **Credit Hours: 3** or
- INR 4008 - Global Perspectives **Credit Hours: 3** or
- INR 4011 - Politics of Globalization **Credit Hours: 3** or
- INR 4030 - Diplomacy **Credit Hours: 3** or
- INR 4035 - International Political Economy **Credit Hours: 3** or
- INR 4054 - Global Politics of Energy **Credit Hours: 3** or
- INR 4060 - Causes of War **Credit Hours: 3** or
- INR 4063 - The Cold War **Credit Hours: 3** or
- INR 4074 - Immigration Policy **Credit Hours: 3** or
- INR 4075 - Human Rights Policy **Credit Hours: 3** or
- INR 4076 - Global Drug Policy **Credit Hours: 3** or
- INR 4084 - Politics of International Terrorism **Credit Hours: 3** or
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3** or
- INR 4102 - American Foreign Policy **Credit Hours: 3** or
- INR 4104 - Topics and Cases in American Foreign Policy **Credit Hours: 3** or
- INR 4114 - American Security Policy **Credit Hours: 3** or
- INR 4115 - Strategic Weapons and Arms Control **Credit Hours: 3** or
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3** or
- INR 4225 - The Vietnam War **Credit Hours: 3** or
- INR 4243 - International Politics of Latin America **Credit Hours: 3** or
- INR 4274 - International Politics of the Middle East **Credit Hours: 3** or
- INR 4304 - Issues in International Public Policy **Credit Hours: 3** or
- INR 4335 - Coercion in International Politics **Credit Hours: 3** or
- INR 4350 - Global Environmental Politics **Credit Hours: 3** or
- INR 4351 - International Environmental Law **Credit Hours: 3** or
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3** or
- INR 4364 - The Intelligence Community **Credit Hours: 3** or
- INR 4401 - International Law **Credit Hours: 3** or
- INR 4404 - Space Law **Credit Hours: 3** or
- INR 4502 - International Organizations **Credit Hours: 3** or
- INR 4714 - Politics of International Trade Policy **Credit Hours: 3** or
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3** or
- INR 4765 - Emerging Space Powers **Credit Hours: 3** or
- INR 4744 - Militaries in World Politics **Credit Hours: 3** or
- POS 3733 - Designing Political Science Research **Credit Hours: 3** or

- PUP 3014 - Comparative Public Policy **Credit Hours: 3** or
- PUP 4510 - Space Policy **Credit Hours: 3**

C. Political Theory Area

- INR 4603 - International Relations Theory **Credit Hours: 3**
- POS 4206 - Political Psychology **Credit Hours: 3**
- POT 3204 - American Political Thought **Credit Hours: 3**
- POT 3302 - Modern Political Ideologies **Credit Hours: 3**
- POT 4003 - Political Theory **Credit Hours: 3**
- POT 4025 - Ancient, Medieval and Early Modern Political Philosophy **Credit Hours: 3**
- POT 4066 - Contemporary Political Theory **Credit Hours: 3**
- POT 4109 - Politics and Literature **Credit Hours: 3**
- POT 4305 - Democracy, Capitalism, and the Individual **Credit Hours: 3**
- POT 4314 - Contemporary Democratic Theory **Credit Hours: 3**
- POT 4331 - Utopia/Dystopia **Credit Hours: 3**
- POT 4345 - Pan-Africanist Thought **Credit Hours: 3**
- POT 4632 - Religion and Politics **Credit Hours: 3**

Capstone Requirements

- None

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 **Credit Hours: 3**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**
- PHI 2101 - Formal Logic I **Credit Hours: 3**
- PLA 3108 - Legal Research **Credit Hours: 3**
- PLA 3155 - Legal Writing **Credit Hours: 3**
- POS 4941 - Political Science Internship **Credit Hours: 3-9**

Foreign Language Requirements

Admissions

- Met by graduation requirement

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.

Additional Requirements

- None

Required Minors

- None

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses taken in the major. If additional major courses are taken beyond the minimum required (e.g. additional restricted electives), those courses will be included in the GPA calculation.
- Complete the POS 4961 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.

Total Undergraduate Credit Hours Required: 120

Additional Information

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.)

Certificates

- Diplomacy Certificate
- Intelligence and National Security Certificate
- Civics Teaching Certificate

Related Minors

- 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".

Acceptable Substitutes for Transfer Courses

- 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

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- You may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- Foreign Language (XXX1120) **Credit Hours: 4**

Select One: GEP 4 - Historical Foundation Credit Hours: 3

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
or
- EUH 2001 - Western Civilization II **Credit Hours: 3**
or
- WOH 2022 - World Civilization II **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Select One: Required Track Elective Credit Hours: 3

- INR 4401 - International Law **Credit Hours: 3**
or
- POS 4603 - American Constitutional Law I
Credit Hours: 3
or
- POS 4604 - American Constitutional Law II
Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 4**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- POS 4961 - Exit Course **Credit Hours: 0**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Minor

Diplomacy Minor

College of Sciences

School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

College of Arts and Humanities

Department of History

Trevor Colbourn Hall (TCH), Room: 319

<http://history.cah.ucf.edu/>

Dr. Roger Handberg

Politics@ucf.edu

Phone: 407-823-2608

Dr. Peter Larson

History@ucf.edu

Phone: 407-823-2225

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.

Admission Requirements

- None

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.

Required Courses (6 Credit Hours)

- AMH 4513 - United States as a Great Power: 1945-Present **Credit Hours: 3**
- INR 4030 - Diplomacy **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

- Course substitutions are subject to prior approval by the minor advisor.

History (6 Credit Hours)

Select two of the following courses:

- AMH 4512 - US Diplomatic History: 1914-1945 **Credit Hours: 3** or
- ASH 3223 - The Modern Middle East **Credit Hours: 3** or
- ASH 4404 - Modern China **Credit Hours: 3** or
- EUH 3242 - Modern Europe and the First World War **Credit Hours: 3** or
- EUH 3281 - Second World War and Rebirth of Europe **Credit Hours: 3** or
- EUH 4574 - History of Russia: 1801-1917 **Credit Hours: 3** or
- EUH 4576 - History of Russia in the 20th Century **Credit Hours: 3** or
- EUH 4620 - European Great Powers: 1815-1914 **Credit Hours: 3** or
- EUH 4663 - History of Communism in Europe **Credit Hours: 3**

Political Science (6 Credit Hours)

Select two of the following courses:

- 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 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 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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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.

European Studies Minor

College of Sciences
School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: politics@ucf.edu

Dr. Kerstin Hamann
Phone: 407-823-2608

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 Admission Requirements

- None

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.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (6 Credit Hours)

- CPO 4101 - Politics of the European Union **Credit Hours: 3**
- LIT 3082 - Continental European Fiction Since 1900 **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- Course substitutions are subject to prior approval by an minor advisor.

Literature, Film, and Culture:

Select from the following courses: (3 Credit Hours)

- Note: Courses offered by the Modern Languages Department might be offered in a language other than English.
- ENL 2022 - English Literature II **Credit Hours: 3** or
- ENL 4101 - English Novel **Credit Hours: 3** or
- ENL 4240 - English Romantic Writers **Credit Hours: 3** or
- ENL 4262 - Nineteenth Century British Prose **Credit Hours: 3** or
- ENL 4273 - Modern British Literature **Credit Hours: 3** or
- FIL 3823 - German Film **Credit Hours: 3** or
- FIL 3824 - Italian Neo-Realist Cinema **Credit Hours: 3** or
- FRE 4500 - French Civilization and Culture **Credit Hours: 3** or
- FRT 3562 - French Contemporary Pop Culture **Credit Hours: 3** or
- FRW 3370 - Short Stories of 18th, 19th and 20th Centuries **Credit Hours: 3** or
- FRW 4281 - 20th Century French Novels **Credit Hours: 3** or
- FRW 4324 - 20th Century French Drama **Credit Hours: 3** or
- FRW 4532 - French Romanticism **Credit Hours: 3** or
- FRW 4552 - Nineteenth Century French Literature **Credit Hours: 3** or
- GEW 3480 - German Post-War Literature **Credit Hours: 3** or
- ITT 4956 - Study Abroad: Modern and Contemporary Italian Culture **Credit Hours: 3** or
- ITW 3101 - Survey of Italian Literature II **Credit Hours: 3** or
- JST 3751 - Literature of the Holocaust **Credit Hours: 3** or
- LIT 4184 - Irish Literature **Credit Hours: 3** or

- SPW 3101 - Survey of Spanish Literature II
Credit Hours: 3 or
- SPW 4372 - Spanish Short Story **Credit Hours: 3 or**
- SPW 4272 - 20th Century Spanish Novel **Credit Hours: 3 or**
- SPW 4322 - Contemporary Iberian Theatre
Credit Hours: 3 or
- SPW 4460 - Nineteenth Century Spanish Literature **Credit Hours: 3 or**
- SPW 4720 - The Generation of 1898 **Credit Hours: 3**

History:

Select from the following courses: (6 Credit Hours)

- EUH 3235 - Romanticism and Realism **Credit Hours: 3 or**
- EUH 3242 - Modern Europe and the First World War **Credit Hours: 3 or**
- EUH 3281 - Second World War and Rebirth of Europe **Credit Hours: 3 or**
- EUH 3411 - History of the Roman Republic
Credit Hours: 3 or
- EUH 3431 - History of Modern Italy **Credit Hours: 3 or**
- EUH 3451 - History of Modern France **Credit Hours: 3 or**
- EUH 4284 - Fascism and Nazism in the Interwar Europe **Credit Hours: 3 or**
- EUH 4400 - The History of Ancient Greece
Credit Hours: 3 or
- EUH 4465 - Hitler's Third Reich **Credit Hours: 3 or**
- EUH 4501 - English History: 1485-1815 **Credit Hours: 3 or**
- EUH 4502 - British History: 1815-Present **Credit Hours: 3 or**
- EUH 4574 - History of Russia: 1801-1917
Credit Hours: 3 or
- EUH 4576 - History of Russia in the 20th Century **Credit Hours: 3 or**
- EUH 4610 - Women in European Society: From Medieval to Modern **Credit Hours: 3 or**
- EUH 4620 - European Great Powers: 1815-1914
Credit Hours: 3 or

- EUH 4663 - History of Communism in Europe
Credit Hours: 3 or
- JST 3701 - History of the Holocaust **Credit Hours: 3**

Political Science or Economics:

Select from the following courses: (3 Credit Hours)

- CPO 3104 - Politics of Western Europe **Credit Hours: 3 or**
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3 or**
- CPO 4074 - Political Economy **Credit Hours: 3 or**
- CPO 4123 - Government and Politics of Great Britain **Credit Hours: 3 or**
- CPO 4445 - Comparative Political Parties **Credit Hours: 3 or**
- CPO 4643 - Government and Politics of Russia
Credit Hours: 3 or
- CPO 4710 - Women in Comparative Politics
Credit Hours: 3 or
- CPO 4754 - Comparative Political Institutions
Credit Hours: 3 or
- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3 or**
- ECO 3703 - International Microeconomics
Credit Hours: 3 or
- ECO 4303 - History of Economic Thought
Credit Hours: 3 or
- INR 4035 - International Political Economy
Credit Hours: 3 or
- INR 4063 - The Cold War **Credit Hours: 3**

Other areas:

- may be taken from any of the above electives; Foreign Language Across the Curriculum (FLAC) courses linked to any of the above electives, or one of the following:

Select from the following courses: (3 Credit Hours)

- ARH 4430 - 19th Century Art **Credit Hours: 3 or**

- ARH 4450 - 20th Century Art **Credit Hours: 3**
or
- PHH 3510 - Marx and Nietzsche **Credit Hours: 3** or
- PHP 3783 - Modernity as a Philosophical Problem **Credit Hours: 3** or
- PHP 3786 - Existentialism **Credit Hours: 3** or
- PHP 4782 - Phenomenology **Credit Hours: 3**

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

Global Peace and Security Studies Minor

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), Room: 319
<http://history.cah.ucf.edu>

Dr. Paul Vasquez
Politics@ucf.edu
Phone: 407-823-2608

Dr. Peter Larson
History@ucf.edu
Phone: 407-823-2225

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.

Admission Requirements

- None

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

Required Courses (6 Credit Hours)

- EUH 3651 - War and Society **Credit Hours: 3**
- INR 4060 - Causes of War **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Course substitutions are subject to prior approval by the Minor director.

History (6 Credit Hours)

Select two of the following courses:

- AMH 3547 - U.S. Military History Since 1900 **Credit Hours: 3**
- AMH 4513 - United States as a Great Power: 1945-Present **Credit Hours: 3**
- ASH 3223 - The Modern Middle East **Credit Hours: 3**
- ASH 4243 - History of Iraq **Credit Hours: 3**
- ASH 4404 - Modern China **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 3651 - War and Society **Credit Hours: 3**
- EUH 4284 - Fascism and Nazism in the Interwar Europe **Credit Hours: 3**

- EUH 4663 - History of Communism in Europe
Credit Hours: 3
- LAH 4780 - Poverty and Development in Latin America **Credit Hours: 3**
- WOH 4208 - History of the Global Drug Trade
Credit Hours: 3
Political Science (6 Credit Hours)
Select two of the following courses:
 - CPO 3057 - Contemporary Revolution and Political Violence **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 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3**
 - DSC 4012 - Terrorism **Credit Hours: 3**
 - INR 3253 - International Politics of Africa **Credit Hours: 3**
 - INR 4008 - Global Perspectives **Credit Hours: 3**
 - INR 4011 - Politics of Globalization **Credit Hours: 3**
 - INR 4030 - Diplomacy **Credit Hours: 3**
 - INR 4054 - Global Politics of Energy **Credit Hours: 3**
 - INR 4060 - Causes of War **Credit Hours: 3**
 - INR 4063 - The Cold War **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 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 4225 - The Vietnam War **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 4304 - Issues in International Public Policy **Credit Hours: 3**

- INR 4335 - Coercion in International Politics
Credit Hours: 3
- INR 4363 - Intelligence Analysis and Reporting
Credit Hours: 3
- INR 4364 - The Intelligence Community **Credit Hours: 3**
- INR 4502 - International Organizations **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**

Foreign Language Requirements

- None

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.

Intelligence and National Security Minor

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: Politics@ucf.edu

Dr. Mark Schafer
Phone: 407-823-3328

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 two required core courses and four electives.

Admission Requirements

- None

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.

Required Courses (6 Credit Hours)

- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
- INR 4364 - The Intelligence Community **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select four 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**
 - 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.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

International and Global Studies Minor

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: politics@ucf.edu

Dr. Paul Vasquez
Phone: 407-823-2608

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.

Admission Requirements

- None

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.

Required Courses (6 Credit Hours)

- GEO 3471 - World Political Geography **Credit Hours: 3**
- INR 4008 - Global Perspectives **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- Substitutions require prior approval by the program advisor.

Political Science:

Select courses from this grouping: (6 Credit Hours)

- INR 3016 - Global Political Issues **Credit Hours: 3** or
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3** or
- INR 3253 - International Politics of Africa **Credit Hours: 3** or
- INR 4011 - Politics of Globalization **Credit Hours: 3** or
- INR 4030 - Diplomacy **Credit Hours: 3** or
- INR 4035 - International Political Economy **Credit Hours: 3** or
- INR 4054 - Global Politics of Energy **Credit Hours: 3** or
- INR 4060 - Causes of War **Credit Hours: 3** or
- INR 4063 - The Cold War **Credit Hours: 3** or
- INR 4074 - Immigration Policy **Credit Hours: 3** or
- INR 4075 - Human Rights Policy **Credit Hours: 3** or
- INR 4076 - Global Drug Policy **Credit Hours: 3** or
- INR 4084 - Politics of International Terrorism **Credit Hours: 3** or
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3** or
- INR 4102 - American Foreign Policy **Credit Hours: 3** or
- INR 4104 - Topics and Cases in American Foreign Policy **Credit Hours: 3** or
- INR 4114 - American Security Policy **Credit Hours: 3** or
- INR 4115 - Strategic Weapons and Arms Control **Credit Hours: 3** or
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3** or
- INR 4225 - The Vietnam War **Credit Hours: 3** or
- INR 4243 - International Politics of Latin America **Credit Hours: 3** or
- INR 4274 - International Politics of the Middle East **Credit Hours: 3** or

- INR 4304 - Issues in International Public Policy **Credit Hours: 3** or
- INR 4335 - Coercion in International Politics **Credit Hours: 3** or
- INR 4350 - Global Environmental Politics **Credit Hours: 3** or
- INR 4351 - International Environmental Law **Credit Hours: 3** or
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3** or
- INR 4364 - The Intelligence Community **Credit Hours: 3** or
- INR 4401 - International Law **Credit Hours: 3** or
- INR 4404 - Space Law **Credit Hours: 3** or
- INR 4502 - International Organizations **Credit Hours: 3** or
- INR 4603 - International Relations Theory **Credit Hours: 3** or
- INR 4714 - Politics of International Trade Policy **Credit Hours: 3** or
- INR 4743 - Military Power and Effectiveness **Credit Hours: 3** or
- INR 4744 - Militaries in World Politics **Credit Hours: 3** or
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3** or
- INR 4765 - Emerging Space Powers **Credit Hours: 3** or
- INR 4774 - Military Space Policy **Credit Hours: 3**

Area Studies: (6 Credit Hours)

- 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:

Select one course from this grouping: (3 Credit Hours)

- CPO 3034 - Politics of Developing Areas **Credit Hours: 3** or

- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3** or
- CPO 3103 - Comparative Politics **Credit Hours: 3** or
- CPO 3104 - Politics of Western Europe **Credit Hours: 3** or
- CPO 3132 - Canadian Politics **Credit Hours: 3** or
- CPO 3403 - Politics of the Middle East **Credit Hours: 3** or
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3** or
- CPO 4062 - Comparative Judicial Process **Credit Hours: 3** or
- CPO 4074 - Political Economy **Credit Hours: 3** or
- CPO 4101 - Politics of the European Union **Credit Hours: 3** or
- CPO 4123 - Government and Politics of Great Britain **Credit Hours: 3** or
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3** or
- CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy **Credit Hours: 3** or
- CPO 4445 - Comparative Political Parties **Credit Hours: 3** or
- CPO 4514 - Politics of East Asia **Credit Hours: 3** or
- CPO 4541 - Chinese Politics **Credit Hours: 3** or
- CPO 4553 - Politics of Japan **Credit Hours: 3** or
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3** or
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3** or
- CPO 4731 - Politics of Democratization **Credit Hours: 3** or
- CPO 4754 - Comparative Political Institutions **Credit Hours: 3** or
- CPO 4784 - Political and Economic Inequality in Comparative Perspective **Credit Hours: 3**

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.

Political Science Minor

College of Sciences

School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

Email: politics@ucf.edu

Dr. Roger Handberg

Phone: 407-823-2608

Admission Requirements

- None

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 International 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.

Required Courses (3 Credit Hours)

- POS 2041 - American National Government
Credit Hours: 3

Restricted Electives (15 Credit Hours)

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.

- POS 4941 - Political Science Internship **Credit Hours: 3-9**

Foreign Language Requirements

- None

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 of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: politics@ucf.edu

Dr. Roger Handberg
Phone: 407-823-2608

Admission Requirements

- None

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 International 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: **POS 2041 - American National Government Credit Hours: 3**

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.

Required Courses (6 Credit Hours)

- POS 2041 - American National Government
Credit Hours: 3
- POS 4284 - Judicial Process and Politics
Credit Hours: 3

Restricted Electives (12 Credit Hours)

Select One: (3 Credit Hours)

- INR 4401 - International Law
Credit Hours: 3
- POS 4603 - American Constitutional Law I
Credit Hours: 3
- POS 4604 - American Constitutional Law II
Credit Hours: 3

Restricted Upper Division Electives (9 Credit Hours)

Three 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:

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Co-op, or Independent Study credit cannot be used toward the minor without prior school permission.

Terrorism Studies Minor

College of Sciences

School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

Email: politics@ucf.edu

Dr. Paul Vasquez

Phone: 407-823-2608

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.

Admission Requirements

- None

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.

Required Courses (6 Credit Hours)

- DSC 4012 - Terrorism **Credit Hours: 3**
- INR 4084 - Politics of International Terrorism **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Government and Social Responses to Terrorism (6 Credit Hours)

- Course substitutions are possible with prior approval by the program advisor
Select two:
- CCJ 4076 - Crime Intelligence and Investigative Support Analysis **Credit Hours: 3** or
- CCJ 4195 - Interviews & Interrogations in CJ **Credit Hours: 3** or
- CCJ 4644 - White Collar Crime **Credit Hours: 3** or
- CJE 4694 - Cybercrime and the Criminal Justice System **Credit Hours: 3** or
- COM 4416 - Terrorism and Communication **Credit Hours: 3** or
- DSC 4013 - Homeland Security and Criminal Justice **Credit Hours: 3** or
- INR 4102 - American Foreign Policy **Credit Hours: 3** or
- INR 4114 - American Security Policy **Credit Hours: 3** or
- INR 4335 - Coercion in International Politics **Credit Hours: 3** or
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3** or
- INR 4364 - The Intelligence Community **Credit Hours: 3** or
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3**

Context of Terrorism: (6 Credit Hours)

- Course substitutions are possible with prior approval by the program advisor
Select two:
- ASH 3222 - Islam and Its Empires **Credit Hours: 3** or
- ASH 3223 - The Modern Middle East **Credit Hours: 3** or

- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3** or
- CPO 3403 - Politics of the Middle East **Credit Hours: 3** or
- CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy **Credit Hours: 3** or
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3** or
- EUH 3124 - The Crusades **Credit Hours: 3** or
- EUH 4576 - History of Russia in the 20th Century **Credit Hours: 3** or
- INR 3930H - ST: Honors Terrorism from a Global Perspective **Credit Hours: 3**
- INR 4074 - Immigration Policy **Credit Hours: 3** or
- INR 4243 - International Politics of Latin America **Credit Hours: 3** or
- INR 4274 - International Politics of the Middle East **Credit Hours: 3** or
- LAH 3400 - History of Mexico and Central America **Credit Hours: 3** or
- POS 3234 - Protest in American Politics **Credit Hours: 3** or
- POS 4206 - Political Psychology **Credit Hours: 3** or
- REL 2300 - World Religions **Credit Hours: 3** or
- REL 3363 - Islam **Credit Hours: 3** or
- SYP 4536 - Gangs and Society **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- None

Certificate

Civics Teaching Certificate

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>
Email: politics@ucf.edu

Dr. Terri Susan Fine

College of Community Innovation and Education
School of Teacher Education
<http://education.ucf.edu/ssed/>
Email: socscied@ucf.edu

Dr. Scott Waring

This 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 K-12 instructional requirements. The program is open to all majors.

Admission Requirements

- 3.0 overall GPA
- Social Science Education B.S. major (pending or admitted)
- Completion of POS 2041 with a grade of "C" (2.0) or better
- Admission by application which will include a letter of intent and a current transcript
- Applications must be submitted through the online portal available at <http://politicalscience.cos.ucf.edu/>, <http://education.ucf.edu/stll/> and <http://loufreyinstitute.org>
- Junior or senior standing

Certificate Requirements

- A minimum overall 3.0 GPA is required in all courses used to satisfy requirements.
- All 12 credit hours used towards the certificate must be earned at UCF.

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
- POS 3272 - Civic Engagement **Credit Hours: 3**
- POS 4700 - Teaching American Politics and Government **Credit Hours: 3**
- POS 4941 - Political Science Internship **Credit Hours: 3-9**
- SSE 4323 - Teaching Civics in Florida **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 12

Other Requirements

- None

Diplomacy Certificate

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), Room: 302
<https://sciences.ucf.edu/politicalscience>

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), Room: 319
<http://history.cah.ucf.edu/>

Dr. Roger Handberg
Politics@ucf.edu
Phone: 407-823-2608

Dr. Peter Larson
History@ucf.edu
Phone: 407-823-2225

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.

Required Courses (6 Credit Hours)

- AMH 4513 - United States as a Great Power: 1945-Present **Credit Hours: 3**
- INR 4030 - Diplomacy **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 Diplomatic History: 1914-1945 **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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 15

Other Requirements

- Internships, independent study and substitute courses/new courses are allowed at the minor advisor's discretion.

Intelligence and National Security Certificate

College of Sciences

School of Politics, Security, and International Affairs

Howard Phillips Hall (HPH), Room: 302

<https://sciences.ucf.edu/politicalscience>

Email: Politics@ucf.edu

Dr. Mark Schafer

Phone: 407-823-3328

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.

Required Courses (6 Credit Hours)

- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
- INR 4364 - The Intelligence Community **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

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 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**
- 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**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 12

Other Requirements

- None

Department of Psychology

Chair: Florian Jentsch
PSY 301L; 407-823-2216
Email: psychinfo@ucf.edu
<http://sciences.ucf.edu/psychology/>

Associate Chair: Bernard Jensen
Assistant Chair and Director of Undergraduate Programs:
Alisha Janowsky
Director of Undergraduate Advising: Karen Cox

Please see the department website for a listing of the department's faculty and staff.

The undergraduate program of the Department of Psychology reflects the scientific nature of the field and has three primary goals. They are:

1. To provide students graduating with a B.S. in psychology with knowledge of the basic theories and research in psychology to intelligently evaluate psychological information that they are encountered within the real world.
2. To provide critical thinking, writing skills, and knowledge of research and statistical concepts so graduates can apply these concepts to their work, community, and lives.
3. To prepare our graduating students with the skills necessary for success in a career or graduate programs in psychology or related fields.

The Bachelor of Science degree in psychology leads to a broad foundation of knowledge in the discipline of psychology. The tracks of the degree offer students opportunities to concentrate their studies not only in general psychology, but also in a number of areas of including: clinical psychology, cognitive neuroscience, experimental psychology, human factors psychology, and industrial/organizational psychology. By completing this major, students will understand basic psychology terminology and concepts used in statistical and research methods, physiological psychology, and history and systems; and students will understand what constitutes scholarly sources and be able to access them. All psychology majors are encouraged to participate in extracurricular activities such as research, volunteer, and internships, as well as our various student organizations affiliated with the major.

Major

Psychology (B.S.)

College of Sciences
Department of Psychology
Psychology Building (PSY), Room: 301
<https://sciences.ucf.edu/psychology>

Psychology Advising Center, PSY 250
psychadvising@ucf.edu
Phone: 407-823-2219

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.

Admission Requirements

- None

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 Program (GEP) (36 Credit Hours)

- Note: Certain courses may be selected in the GEP for this major bringing the total GEP hours to more than 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Test, see:
<https://www.sdes.ucf.edu/placement-tests/>.

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Statistics: (3 Credit Hours)

Select one:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Social Sciences: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)

Political Science/Economics (3 Credit Hours)

- Select one of the listed choices from Social Foundations **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Biology (3 Credit Hours)

Select one of the following. If additional biology courses are planned, select BSC 2010C.

- BSC 1005 - Biological Principles **Credit Hours: 3** (Required)
- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Physical or Chemical: (3 Credit Hours)

- Select one of the listed choices from Science Foundations **Credit Hours: 3**

Common Program Prerequisites (CPP) (3 Credit Hours)

- See "Acceptable Substitutes for Transfer Courses" for possible substitutes for the courses listed below.

Psychology:

- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- PSY 1212 - General Psychology **Credit Hours: 3** (GEP)

Biology:

If additional biology courses are planned, select BSC 2010C.

- BSC 1005 - Biological Principles **Credit Hours: 3** (GEP)
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)

Statistics:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Basic Level

- Most courses specifically identified in the preceding Common Program Prerequisites

section of this catalog are also required in the Basic Core, and must be taken.

Psychology:

- PSY 1212 - General Psychology **Credit Hours: 3** (GEP)

Biology:

- BSC 1005 - Biological Principles **Credit Hours: 3** (GEP)
- BSC 2010C - Biology I **Credit Hours: 4** (GEP)

Statistics:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (29 Credit Hours)

- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- PSB 3002 - Physiological Psychology **Credit Hours: 3**
- PSY 3024 - Psychology: Career Readiness I **Credit Hours: 2**
- PSY 3074 - Psychology: Career Readiness II **Credit Hours: 2**
- PSY 3204C - Statistical Methods in Psychology **Credit Hours: 4**
- PSY 3213C - Research Methods in Psychology **Credit Hours: 4**
- PSY 4049 - Psychology Capstone **Credit Hours: 2**
- PSY 4604 - History and Systems of Psychology **Credit Hours: 3**
- SOP 3004 - Social Psychology **Credit Hours: 3**

Restricted Electives

Diversity Restricted Electives: (3 Credit Hours)

Select one course from the following:

- SOP 3723 - Cross Cultural Psychology **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**
or additional restricted electives may be added as approved.

Psychology Tracks 15-16 hrs

- Choose one of the following tracks.

Track 1: Clinical Psychology (15 to 16 Credit Hours)

- A grade of "C" (2.0) or better is required in each course used to complete this track.

Required:

- CLP 3143 - Abnormal Psychology **Credit Hours: 3**

Select 4 of the following courses (12 to 13 Credit Hours):

- APK 3400 - Sports Psychology **Credit Hours: 3**
- CLP 3004 - Behavioral Self Control **Credit Hours: 3**
- CLP 3184 - Women's Mental Health **Credit Hours: 3**
- CLP 3302 - Clinical Psychology **Credit Hours: 3**
- CLP 3413 - Contemporary Behavior Therapy **Credit Hours: 3**
- CLP 4134 - Childhood Psychopathology **Credit Hours: 3**
- CLP 4314 - Health Psychology **Credit Hours: 3**

- CLP 4390 - Forensic Psychology **Credit Hours: 3**
- DEP 3202 - Psychology of Exceptional Children **Credit Hours: 3**
- DEP 3464 - Psychology of Aging **Credit Hours: 3**
- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- EAB 3706 - Behavior Modification - Part II **Credit Hours: 3**
- PCO 4203 - Interviewing and Counseling **Credit Hours: 3**
- PPE 3003 - Personality Theory and Research **Credit Hours: 3**
- PSB 3441 - Psychobiological Aspects of Drugs **Credit Hours: 3**
- PSY 3302 - Psychological Measurement **Credit Hours: 3**
- PSY 4215C - Advanced Research Methods in Psychology **Credit Hours: 4**
- SOP 2772 - Sexual Behavior **Credit Hours: 3**
- SOP 3751 - Legal Aspects of Psychology **Credit Hours: 3**
or additional courses may be added as approved.

Track 2: Experimental (15 to 16 Credit Hours):

- A grade of "C" (2.0) or better is required in each course used to complete this track.

Select 5 of the following courses (15 to 16 Credit Hours):

- EXP 3204 - Sensation and Perception **Credit Hours: 3**
- EXP 3304 - Motivation and Emotion **Credit Hours: 3**
- EXP 3404 - Basic Learning Processes **Credit Hours: 3**
- EXP 3640 - Psychology of Language **Credit Hours: 3**
- EXP 4507 - Advanced Human Memory and Cognition **Credit Hours: 3**
- PSY 3302 - Psychological Measurement **Credit Hours: 3**
- PSY 3320C - Survey Methods in Psychology **Credit Hours: 3**

- PSY 3625 - Science and Pseudoscience in Psychology **Credit Hours: 3**
- PSY 4215C - Advanced Research Methods in Psychology **Credit Hours: 4**
or additional courses may be added as approved.

Track 3: General (15 to 16 Credit Hours)

Select any 5 courses from those taught by the Psychology department (15 to 16 Credit Hours)

- A grade of "C" (2.0) or better is required in each course used to complete this track.

NOTE: The following courses will NOT fulfill the General Track.

- 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:**
- PSY 4912 - Directed Independent Research **Credit Hours:**
or additional courses may be added as approved.

Track 4: Human Factors Psychology (15 to 16 Credit Hours)

- A grade of "C" (2.0) or better is required in each course used to complete this track.

Required:

- EXP 3250 - Principles of Human Factors Psychology **Credit Hours: 3**

Select 4 of the following courses (12 to 13 Credit Hours):

- EXP 3204 - Sensation and Perception **Credit Hours: 3**
- EXP 3304 - Motivation and Emotion **Credit Hours: 3**
- EXP 4507 - Advanced Human Memory and Cognition **Credit Hours: 3**
- PPE 3003 - Personality Theory and Research **Credit Hours: 3**
- PSB 4240 - Neuropsychology **Credit Hours: 3**

- PSY 3320C - Survey Methods in Psychology **Credit Hours: 3**
- PSY 4215C - Advanced Research Methods in Psychology **Credit Hours: 4**
or additional courses may be added as approved.

Track 5: Industrial/Organizational Psychology (15 to 16 Credit Hours)

- A grade of "C" (2.0) or better is required in each course used to complete this track.

Required:

- INP 3004 - Industrial/Organizational Psychology **Credit Hours: 3**

Select 4 of the following courses (12 to 13 Credit Hours)

- CLP 4314 - Health Psychology **Credit Hours: 3**
- EXP 3304 - Motivation and Emotion **Credit Hours: 3**
- EXP 3404 - Basic Learning Processes **Credit Hours: 3**
- INP 3141C - Advanced Applied Psychology **Credit Hours: 1-3**
- INP 3951 - Industrial/Organizational Field Work **Credit Hours: 3**
- INP 4313 - Organizational Psychology **Credit Hours: 3**
- INP 4380 - Psychology of Teamwork **Credit Hours: 3**
- PPE 3003 - Personality Theory and Research **Credit Hours: 3**
- PSY 3302 - Psychological Measurement **Credit Hours: 3**
- PSY 4215C - Advanced Research Methods in Psychology **Credit Hours: 4**
or additional courses may be added as approved.

Track 6: Neuroscience (15 to 16 Credit Hours)

- A grade of "C" (2.0) or better is required in each course used to complete this track.

Required:

- PSB 4240 - Neuropsychology **Credit Hours: 3**

Select 4 of the following courses (12 to 13 Credit Hours):

- EXP 3204 - Sensation and Perception **Credit Hours: 3**
 - EXP 3304 - Motivation and Emotion **Credit Hours: 3**
 - PSB 3441 - Psychobiological Aspects of Drugs **Credit Hours: 3**
 - PSB 3842 - Sleep and Dreams **Credit Hours: 3**
 - PSY 4215C - Advanced Research Methods in Psychology **Credit Hours: 4**
- or additional courses may be added as approved.

Math/Science Electives: (6 Credit Hours)

Select from the following:

Students must meet the course prerequisites for any course they select. See course listing for prerequisites.

- ANT 2511 - The Human Species **Credit Hours: 3**
- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
- ANT 4586C - Human Origins **Credit Hours: 3**
- BSC 2011C - Biology II **Credit Hours: 4**
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4**
- CHM 1020 - Concepts in Chemistry **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- EVR XXXX - Any EVR prefix course **Credit Hours: 3**
- HSA 4702 - Health Sciences Research Methods **Credit Hours: 3**
- HSC 3147 - Introduction to Pharmacology **Credit Hours: 3**
- MAC 2233 - Concepts of Calculus **Credit Hours: 3**
- MAC 2253 - Applied Calculus **Credit Hours: 3**

- MCB XXXX - Any MCB prefix course **Credit Hours: 3**
 - PCB 3063 - Genetics **Credit Hours: 3**
 - PCB 3703C - Human Physiology **Credit Hours: 4**
 - PHY 2053C - College Physics I **Credit Hours: 4**
 - PSC 1121 - Physical Science **Credit Hours: 3**
 - STA 4102 - Computer Processing of Statistical Data **Credit Hours: 3**
 - STA 4163 - Statistical Methods II **Credit Hours: 3**
 - STA 4164 - Statistical Methods III **Credit Hours: 3**
 - ZOO XXXX - Any ZOO prefix course **Credit Hours: 3**
- or additional courses may be added as approved.

Capstone Requirements

- PSY 4049 - Psychology Capstone **Credit Hours: 2**

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 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

- None

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
- 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

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**

Related Programs

- Sociology (B.A./ B.S.)
- Anthropology (B.A.)
- Statistics (B.S.)
- Criminal Justice (B.A. or B.S.)

Certificates

- Behavioral Forensics Certificate

Related Minors

- Psychology Minor
- Sociology Minor
- Anthropology Minor
- Mathematics Minor
- Statistics Minor

Advising Notes

- Visit the Psychology Advising Center (PSY 250); walk-in advising available Monday and Friday from 9 to 5.
- 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:
 - Biology: any lower level BSC course or ZOO X010 will satisfy the CPP. However, BSC 1005 or BSC 2010C 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, STA 2014 or STA 2023 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$13.00 per term
- Full-Time Student: \$26 per term

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (15 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- BSC 1005 - Biological Principles **Credit Hours: 3**
or
- BSC 2010C - Biology I **Credit Hours: 4**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
or
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Freshman Year - Summer (4 Credits)

- Foreign Language (XXX1120) **Credit Hours: 4**

Sophomore Year - Fall (16 Credit Hours)

- Math/Science Elective **Credit Hours: 3**

- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**

Sophomore Year - Spring (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Math/Science Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- PSY 3204C - Statistical Methods in Psychology **Credit Hours: 4**
- PSY 3024 - Psychology: Career Readiness I **Credit Hours: 2**
- SOP 3004 - Social Psychology **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Diversity Restricted Elective **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- PSY 3074 - Psychology: Career Readiness II **Credit Hours: 2**
- PSY 3213C - Research Methods in Psychology **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**

Senior Year - Fall (16 Credit Hours)

- PSB 3002 - Physiological Psychology **Credit Hours: 3**
- PSY 4604 - History and Systems of Psychology **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- PSY 4049 - Psychology Capstone **Credit Hours: 2**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Minor

Psychology Minor

College of Sciences

Department of Psychology

Psychology Building (PSY), Room: 301

<https://sciences.ucf.edu/psychology>

Psychology Advising Center, PSY 250

psychadvising@ucf.edu

Phone: 407-823-2219

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.

Admission Requirements

- The minor is not open to psychology majors.

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 Department of Psychology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (10 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- PSY 3204C - Statistical Methods in Psychology **Credit Hours: 4**

Select one statistics course: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Experimental

Select One: (3 Credit Hours)

- EXP 3204 - Sensation and Perception **Credit Hours: 3**
- EXP 3404 - Basic Learning Processes **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- EXP 3640 - Psychology of Language **Credit Hours: 3**
- PSB 4240 - Neuropsychology **Credit Hours: 3**

Personality/Social

Select One: (3 Credit Hours)

- PPE 3003 - Personality Theory and Research **Credit Hours: 3**
- SOP 3004 - Social Psychology **Credit Hours: 3**

Developmental

Select One: (3 Credit Hours)

- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- DEP 3202 - Psychology of Exceptional Children **Credit Hours: 3**
- DEP 3464 - Psychology of Aging **Credit Hours: 3**

Diversity

Select One: (3 Credit Hours)

- CLP 3184 - Women's Mental Health **Credit Hours: 3**
- SOP 3723 - Cross Cultural Psychology **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**
or additional courses may be added as approved.

Select one additional Psychology elective (3 Credit Hours)

The following courses will NOT fulfill this requirement:

¹ This course may fulfill the requirement with prior approval.

- 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 3951 - Undergraduate Field Work **Credit Hours: 1-9** ¹
- PSY 4906 - Directed Independent Study Credit Hours: 3
- PSY 4912 - Directed Independent Research Credit Hours: 3

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 25

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Certificate

Behavioral Forensics Certificate

College of Sciences
Department of Psychology
Psychology Building (PSY), Room: 301
<https://sciences.ucf.edu/psychology>
Email: psychadvising@ucf.edu

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.

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.

Department of Sociology

Chair: Elizabeth Mustaine
PH 403B; 407-823-3744
Email: sociology@ucf.edu
<http://sciences.ucf.edu/sociology/>
<http://sciences.ucf.edu/socialsciences/>

Associate Chair: Shannon Carter
Undergraduate Program Coordinator: Amy Donley
Social Science Program Coordinator: Michael Armato

Please see the department website for a listing of the department's faculty and staff.

Sociology includes the study of interpersonal interactions, groups, organizations, and societies through the application of theoretical approaches and the use of qualitative and quantitative methods. Students will be better prepared for careers in any field by being trained in critical thinking and analytical skills, and by being familiar with theoretical and methodological tools for the study of peoples, groups, and organizations. To this end, we provide state-of-the-art training in an array of courses.

The Sociology B.A. offers groups of courses in several areas, including social institutions, the environment, crime and deviance, popular culture, family, and diversity and social inequalities. A hallmark of the program is that all of our students conduct their own research under the supervision of a faculty mentor. This process allows students to sharpen their analytical abilities and develop skills that will help them be successful in graduate schools and careers. Sociology majors master skills in quantitative and qualitative research methods, communication, and analytical thinking as well as acquiring written and oral

presentational skills. These are among the top 10 abilities for which today's employers are looking and are also essential for success in graduate and professional programs. Sociology courses are directly relevant to many contemporary issues, including murder and violent crime, domestic violence, global warming, alcohol and drug abuse, popular culture, healthcare, and changes in the family.

As such, the B.A. in Sociology provides excellent grounding for a wide range of careers such as teaching, public administration, metropolitan planning, behavioral analysis, legal/court case assessment, law enforcement, marketing research, advertising, public relations, human resources, child welfare officer, victim advocate, convention/event organizer, environmental/social activist, social assistance specialist, information management specialist, and research analyst.

The Social Sciences B.S. degree is an interdisciplinary program and administered through the sociology department. Students 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 major offers students more flexibility in building their own college experience than nearly any other program on campus. Students who choose this major need to be self-driven and prepared to explore three social sciences disciplines. These areas open to exploration are Anthropology, Communication, Political Science, Psychology, Sociology, and Women's and Gender Studies.

For more information about our nationally acclaimed yet personable faculty and our relevant, flexible major, go to <http://sociology.ucf.edu>.

Major

Social Sciences (B.S.)

College of Sciences

Department of Sociology

Howard Phillips Hall (HPH), Room: 403

<https://sciences.ucf.edu/sociology>

Dr. Michael Armato
michael.armato@ucf.edu
Phone: 407-823-3744

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.

Admission Requirements

- None

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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Complete one of the following: (3 Credit Hours)

¹ Required if Communication option of the major is to be followed.

- COM 1000 - Introduction to Communication **Credit Hours: 3** (Preferred)
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (Suggested)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** ¹ (Suggested)

Cultural and Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>.

Select one:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Preferred)

Statistics: (3 Credit Hours)

Select one:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select the following course: (3 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Required)

Select one of the following, depending on the concentration to be followed. (3 Credit Hours)

- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)
- PSY 1212 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- Students must complete two introductory courses in a social science discipline.
- Course selection depends on concentration to be followed.
- See "Acceptable Substitutes for Transfer Courses" for possible substitutes for the courses listed below.

Core Requirements: Basic Level

Select one of the following statistics courses:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Select at least three of the following, depending on concentrations to be taken:

- ANT 2000 - General Anthropology **Credit Hours: 3** (GEP) or
- POS 2041 - American National Government **Credit Hours: 3** (GEP) or
- PSY 2012 - General Psychology **Credit Hours: 3** (GEP) or
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP) or
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (GEP) or
- WST 3603 - Introduction to Gender Studies **Credit Hours: 3**

Core Requirements: Advanced Level (57 Credit Hours)

Select one methods' course: (3 Credit Hours)

- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3** or
- COM 3311 - Communication Research Methods **Credit Hours: 3** or
- POS 3703 - Scope and Methods of Political Science **Credit Hours: 3** or
- PSY 3213C - Research Methods in Psychology **Credit Hours: 4** or
- SYA 3352 - Spatial Sociology I: Intro to GIS **Credit Hours: 3** or
- SYA 4300C - Research Methods **Credit Hours: 4**

Required Minors:

- Complete the requirements for 3 Social Science minors dealing with the following areas:
- Only one minor may be selected from the same department or school.
 - Anthropology Minor (18 Credit Hours)
 - Human Communication Minor (18 Credit Hours)
 - Political Science Minor (18 Credit Hours)
 - Psychology Minor (25 Credit Hours)

- Sociology Minor (18 Credit Hours)
- Women's and Gender Studies Minor (18 Credit Hours)

Restricted Electives

- None

Capstone Requirements

- Students will be required to take an exit exam in their graduating semester.

Electives

- After meeting with a departmental advisor, select electives primarily from upper level courses to satisfy the 48 hour rule. Courses may be outside the areas.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- None.
- Some minors may also require a foreign language. Check with department of minor.

Additional Requirements

- None

Required Minors

- Three minors are to be selected from the following listing:
- However only one minor may be taken within a single department or school.
 - Anthropology Minor
 - American Indian Studies
 - Anthropological Archaeology
 - Biological Anthropology

- Crime, Law, and Deviance Minor
- Cultural Anthropology
- Diplomacy Minor (At least 6 hrs of Restricted Electives must be taken from courses with INR or POT prefixes)
- Diversity and Social Inequality Minor
- Global Peace and Security Studies Minor (At least 9 hrs of Restricted Electives must be CPO, INR, or POT prefixes)
- Global Sociology
- Human Communication Minor
- International and Global Studies Minor (3 hrs of Restricted Electives from "Group C". Other must be COP or SYP prefixes)
- Journalism Studies Minor
- Magazine Journalism Minor
- Mass Media Minor
- Mass Culture and Collective Behavior Minor
- Medical Anthropology Minor
- Medical Sociology Minor
- Northern American Indian Studies
- Political Science Minor
- Political Science, Prelaw Minor
- Psychology Minor
- Sociology Minor
- Terrorism Studies Minor (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 (At least 6 hrs of Restricted Electives must be taken from courses with ANT, CLP, COM, CPO, INR, SOP, SYD, SYO, or WST)

- 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 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.

Related Programs

- None

Certificates

- None

Related Minors

- None

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,

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

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".

Acceptable Substitutes for Transfer Courses

- 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

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP 7 - Mathematical Foundation **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- GEP - Social Foundation Credit Hours: 3
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
or
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Freshman Year - Summer (6 Credits)

- GEP **Credit Hours: 3**
- Elective/Minor **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- Research Methods Course **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**
- Elective / Minor **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- GEP Credit Hours: 3
- GEP Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3

Senior Year - Spring (12 Credit Hours)

- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3
- Elective / Minor Credit Hours: 3

Sociology (B.A./ B.S.)

College of Sciences

Department of Sociology

Howard Phillips Hall (HPH), Room: 403

<http://sciences.ucf.edu/sociology/>

Email: sociology@ucf.edu

Dr. Michael Armato

michael.armato@ucf.edu

Phone: 407-823-3744

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.

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 beyond admission to the university.

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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

A satisfactory score in the Math Placement Test is required before enrolling in this course.

See: <https://www.sdes.ucf.edu/placement-tests/>

- MAC 1105C - College Algebra **Credit Hours: 3** (Preferred)

Statistics: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Preferred)

Social Foundations (6 Credit Hours)

Political Science/Economics (3 Credit Hours)

- Select one listed course from Social Foundations **Credit Hours: 3**

Social Sciences (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (3 Credit Hours)

- See "Acceptable Substitutes for Transfer Courses" for possible substitutes for the courses listed below.
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (GEP)
- Any course with an SYA, SYD, SYG, SYO, or SYP prefix **Credit Hours: 3**

Core Requirements: Basic Level

All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken.

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (GEP/CPP)

Core Requirements: Advanced Level (15 Credit Hours)

- SYA 3110 - Social Theory **Credit Hours: 3**
- SYA 3400C - Applied Social Statistics **Credit Hours: 4**
- SYA 4300C - Research Methods **Credit Hours: 4**
- SYA 4450 - Data Analysis: Capstone **Credit Hours: 4**

Restricted Electives (27 Credit Hours)

- All courses with the prefixes SYA, SYD, SYG, SYO, or SYP, including special topics courses, count toward the restricted electives requirement.
- 5000 level Graduate Courses may be taken by undergraduates with Consent of the Instructor.
- 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.
- 24 credit hours must be at the 3000-4000 level, and taken within the Sociology Department at UCF.

Capstone Requirements

Successful completion of Data Analysis (SYA 4450).

- SYA 4450 - Data Analysis: Capstone **Credit Hours: 4**

Electives

- Select electives primarily from 3000 and 4000 level courses from within the Sociology Department, as well as from other departments.

Foreign Language Requirements

Admissions

- B.S. Option: Met by graduation requirement. 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.
- B.A. Option: Met by graduation requirement.

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 examination.

Additional Requirements

B.A. Option: No additional requirements

B.S. Option: Select one additional methods course (3 Credit Hours)

- SYA 3352 - Spatial Sociology I: Intro to GIS **Credit Hours: 3**
- SYA 4310C - Qualitative Research Analysis in Sociology **Credit Hours: 4**
- SYA 4354 - Geographic Information Systems Applications **Credit Hours: 3**
- SYA 4900 - Applied Sociology **Credit Hours: 4**
- SYA 4959 - Participatory Geographic Information Systems in Belize **Credit Hours: 3**
- SYO 3573 - Social Networks: Theory & Applications **Credit Hours: 3**

Required Minors

- None

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.

Total Undergraduate Credit Hours Required: 120

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

- 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

Certificates

- None

Related Minors

- None

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".

Acceptable Substitutes for Transfer Courses

- SYG 2000 - Although the Common Program Prerequisites accepts any lower division sociology course, SYG 2000 - Introduction to Sociology must be taken because it is the basic course in Sociology.

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

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Freshman Year - Fall (16 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1120) **Credit Hours: 4** (BA Option)
- Free Elective **Credit Hours: 3** (BS Option)

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4** (BA Option)
- Free Elective **Credit Hours: 4** (BS Option)

Freshman Year - Summer (6 Credits)

- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- SYA 3110 - Social Theory **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- SYA 4300C - Research Methods **Credit Hours: 4**
- SYA 3400C - Applied Social Statistics **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- SYA 4450 - Data Analysis: Capstone **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Sociology Methods Course **Credit Hours: 3** (BS Option)
- Free Elective **Credit Hours: 3** (BA Option)

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 (13 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 4**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Minor

Crime, Law, and Deviance Minor

College of Sciences
 Department of Sociology
 Howard Phillips Hall (HPH), Room: 403
<https://sciences.ucf.edu/sociology>
 Email: sociology@ucf.edu

Dr. Michael Armato
michael.armato@ucf.edu
Phone: 407-823-0758

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 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.

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 Department of Sociology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (6 Credit Hours)

- SYP 3520 - Criminology **Credit Hours: 3**

Required: Complete one of the following: (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select from the following:

- SYD 4813 - Women, Law and Social Change **Credit Hours: 3**
 - SYP 3510 - Sociology of Deviant Behavior **Credit Hours: 3**
 - 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 4550 - Drug Use in Society **Credit Hours: 3**
 - SYP 4536 - Gangs and Society **Credit Hours: 3**
- Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Diversity and Social Inequality Minor

College of Sciences
Department of Sociology
Howard Phillips Hall (HPH), Room: 403
<https://sciences.ucf.edu/sociology>
Email: sociology@ucf.edu

Dr. Michael Armato
michael.armato@ucf.edu
Phone: 407-823-0758

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 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.)

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 Department of Sociology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (6 Credit Hours)

- SYO 3530 - Social Power and Inequality **Credit Hours: 3**

Required: Complete one of the following: (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select from the following:

- SYD 3410 - Urban Society **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 3805 - Sociology of Sexualities **Credit Hours: 3**
- SYD 4020 - Birth, Death, and Population Trends **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**
- SYG 4244 - Food and Society **Credit Hours: 3**
- SYO 4100 - Family Trends **Credit Hours: 3**
- SYO 4200 - Religion in Society **Credit Hours: 3**
- SYO 4250 - Education and Social Achievement **Credit Hours: 3**
- SYO 4323 - Community and Diversity **Credit Hours: 3**
- SYO 4424 - Men, Masculinities, and Health **Credit Hours: 3**
- SYP 3060 - Sociology of Sex and Reproduction **Credit Hours: 3**
- SYP 4304 - Social Movements and Revolutions **Credit Hours: 3**
- SYP 4454 - Global Inequality and Society **Credit Hours: 3**
- SYP 4732 - Minority Aging **Credit Hours: 3**
Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- None

Global Sociology Minor

College of Sciences
Department of Sociology
Howard Phillips Hall (HPH), Room: 403
<https://sciences.ucf.edu/sociology>
Email: sociology@ucf.edu

Dr. Michael Armato
michael.armato@ucf.edu
Phone: 407-823-0758

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.

Admission Requirements

- The minor is not open to Sociology majors.

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.

Required Courses (16 Credit Hours)

Select One (3 Credit Hours):

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

Required Upper Division Courses: (10 Credit Hours)

- Sociology or other relevant courses taken through study abroad **Credit Hours: 9**
- SYA 3905 - Directed Independent Study (completed while abroad) **Credit Hours: 1**

Restricted Electives (3 Credit Hours)

Select One: (3 Credit Hours)

- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
 - ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
 - INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
 - INR 3016 - Global Political Issues **Credit Hours: 3**
 - INR 4008 - Global Perspectives **Credit Hours: 3**
 - INR 4011 - Politics of Globalization **Credit Hours: 3**
 - INR 4035 - International Political Economy **Credit Hours: 3**
 - INR 4054 - Global Politics of Energy **Credit Hours: 3**
 - SOW 3284 - Social Work Perspectives on Social Justice **Credit Hours: 3**
 - SYA 4650C - Community Action and Involvement **Credit Hours: 3**
 - SYD 3410 - Urban Society **Credit Hours: 3**
 - SYO 4132 - Global Family Trends **Credit Hours: 3**
 - SYO 4323 - Community and Diversity **Credit Hours: 3**
 - SYP 3400 - Social Change **Credit Hours: 3**
 - SYP 4004 - Constructing Social Issues **Credit Hours: 3**
 - SYP 4454 - Global Inequality and Society **Credit Hours: 3**
- or
Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 16

Other Requirements

- None

Mass Culture and Collective Behavior Minor

College of Sciences

Department of Sociology

Howard Phillips Hall (HPH), Room: 403

<https://sciences.ucf.edu/sociology>

Email: sociology@ucf.edu

Dr. Michael Armato

michael.armato@ucf.edu

Phone: 407-823-7058

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 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.

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 Department of Sociology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (6 Credit Hours)

- SYP 4000 - Sociological Social Psychology
Credit Hours: 3

Required: Complete one of the following: (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select from the following:

- SYA 4650C - Community Action and Involvement **Credit Hours: 3**
- SYD 4510 - Environment and 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**
- SYG 4244 - Food and Society **Credit Hours: 3**
- SYO 3000 - Contemporary Society **Credit Hours: 3**
- SYO 4200 - Religion in Society **Credit Hours: 3**
- SYP 3300 - Fads, Crowds, and Social Action **Credit Hours: 3**
- SYP 3323 - Video Games in Society **Credit Hours: 3**
- SYP 3400 - Social Change **Credit Hours: 3**
- SYP 3602 - Popular Music in Society **Credit Hours: 3**
- SYP 3630 - Popular Culture In Society **Credit Hours: 3**
- SYP 3650 - Sports and Society **Credit Hours: 3**
- SYP 4004 - Constructing Social Issues **Credit Hours: 3**

- SYP 4420 - The Consumer Society **Credit Hours: 3**
- SYP 4014 - Sociology of Happiness **Credit Hours: 3**
- SYP 4631 - Social Issues in Film **Credit Hours: 3**

Additional courses can be taken as approved.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours

Required: 18

Other Requirements

- None

Medical Sociology Minor

College of Sciences

Department of Sociology

Howard Phillips Hall (HPH), Room: 403

<http://sciences.ucf.edu/sociology/>

Dr. Michael Armato

sociology@ucf.edu

Phone: 407-823-0758

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.

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.

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 Department of Sociology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (6 Credit Hours)

- SYO 4400 - Medical Sociology **Credit Hours: 3**

Required: Complete one of the following: (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

- SYD 3805 - Sociology of Sexualities **Credit Hours: 3**
- SYD 4020 - Birth, Death, and Population Trends **Credit Hours: 3**
- SYG 4244 - Food and Society **Credit Hours: 3**
- SYO 3408 - Animals and Health **Credit Hours: 3**
Additional courses can be taken as approved.
- SYO 3410 - Mental Health in Society **Credit Hours: 3**
- SYO 4401 - Social Determinants of Health **Credit Hours: 3**
- SYO 4402 - Sociology of Health and Illness Behavior **Credit Hours: 3**
- SYO 4424 - Men, Masculinities, and Health **Credit Hours: 3**
- SYO 4428 - Sociology of Health Care **Credit Hours: 3**
- SYP 3060 - Sociology of Sex and Reproduction **Credit Hours: 3**
- SYP 3551 - Alcohol in Society **Credit Hours: 3**

- SYP 4550 - Drug Use in Society **Credit Hours: 3**
 - SYP 4730 - Aging in Society **Credit Hours: 3**
 - SYP 4731 - Health and Positive Aging **Credit Hours: 3**
- Additional courses can be taken as approved.

Foreign Language Requirements

- None

**Total Undergraduate Credit Hours
Required: 18**

Other Requirements

- None

Sociology Minor

College of Sciences
Department of Sociology
Howard Phillips Hall (HPH), Room: 403
<https://sciences.ucf.edu/sociology>
Email: sociology@ucf.edu

Dr. Michael Armato
michael.armato@ucf.edu
Phone: 407-823-0758

Admission Requirements

- The minor is not open to sociology majors.

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 Department of Sociology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (3 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Restricted Electives (3 Credit Hours)

- 2000-4000 level sociology courses

Restricted Upper Division Electives (12 Credit Hours)

- 3000-4000 level sociology courses
- Additional courses can be taken as approved.

Foreign Language Requirements

- None

**Total Undergraduate Credit Hours
Required: 18**

Other Requirements

- None

Department of Statistics and Data Science

Chair: Shunpu Zhang
CCII 206; 407-823-5528
Email: stats@ucf.edu
<http://sciences.ucf.edu/statistics/>

Associate Chair: David Nickerson
Undergraduate Program Coordinator: Nizam Uddin

Please see the department website for a listing of the department's faculty and staff.

The Department of Statistics and Data Science offers courses and programs leading to a Bachelor of Science in Actuarial Sciences, a Bachelor of Science in Statistics, a

minor in Statistics, a minor in Actuarial Sciences, and a Master of Science in Statistical Computing with a track in Data Mining. The B.S. in Actuarial Science is designed to satisfy the Society of Actuaries (SOA) and the Casualty Actuarial Society (CAS) Validation by Educational Experience (VEE) requirements in the areas of Economics, Corporate Finance and Statistics, and the program will prepare students for the SOA exams that are part of the certification process that lead to the first level of credentials issued by the SOA and CAS.

The B.S. in Statistics is designed to serve:

1. Students who desire to pursue careers in statistics after having completed a baccalaureate degree;
2. Students who desire to continue their education in graduate or professional schools; and
3. Students who use statistics as a tool in their specialty areas.

In order to serve such a wide variety of students, the courses and programs in the Department of Statistics and Data Science have been developed along several lines. There are the usual service courses in elementary statistics along with strong programs in the upper division in statistical methods, statistical theory, and statistical computing.

Major

Actuarial Science (B.S.)

College of Sciences

Department of Statistics and Data Science

Technology Commons II (TC2), Room: 212

<https://sciences.ucf.edu/statistics>

Email: statistics@ucf.edu

Dr. David Nickerson

david.nickerson@ucf.edu

Phone: 407-823-5528

Admission Requirements

- None

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 Department of Statistics and Data Science.
- 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 Department of Statistics and Data Science at UCF.
 - STA 2023 - Statistical Methods
1 Credit Hours: 3
 - STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

General Education Program (GEP) (39 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Economics (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Preferred)

Social Sciences (3 Credit Hours)

Select one:

- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)
- PSY 1212 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)

Science Foundations (8 Credit Hours)

Life Science: (4 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Physical Science: (4 Credit Hours)

Select one:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)
- PHY 2053C - College Physics I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (14 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- 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**

Complete two laboratory courses designed for science majors;

- The state of Florida requires Actuarial Science majors to take two laboratory-based science courses designed for science majors. Students must complete 8 credits of the following courses, and depending on what was taken in the GEP, this requirement may already be satisfied.
- Note: both semesters do not have to be in the same subject area.
- Note: depending on which courses were taken in the GEP, this requirement could require 0 to 8 credits to complete.

Select two semesters within the following;

- See Basic Core for details.
 - Biology majors courses with labs or
 - Chemistry majors courses with labs or
 - Physics majors courses with labs

Core Requirements: Basic Level (3 Credit Hours)

All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken;

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3** (CPP)
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (CPP)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)
- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (49 Credit Hours)

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- STA 4130 - Life Contingencies I **Credit Hours: 3**
- STA 4131 - Life Contingencies II **Credit Hours: 3**
- STA 4133 - Loss Models I **Credit Hours: 3**
- STA 4135 - Loss Models II **Credit Hours: 3**
- STA 4163 - Statistical Methods II **Credit Hours: 3**
- STA 4164 - Statistical Methods III **Credit Hours: 3**
- STA 4183 - Theory of Interest **Credit Hours: 3**
- STA 4184 - Introduction to Derivative Markets **Credit Hours: 3**
- STA 4186 - Theory of Derivative Pricing **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**
- STA 4852 - Applied Time Series **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

- Select from upper division or graduate (5000 level) statistics, mathematics, or computer science courses.
- 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:

- MAC 2233 - Concepts of Calculus **Credit Hours: 3**
- MAC 2253 - Applied Calculus **Credit Hours: 3**
- MHF 4404 - History of Mathematics **Credit Hours: 3**
- All MAE courses

Capstone Requirements

- None

Electives (9 Credit Hours)

- Select primarily from upper level courses, with departmental advisor's approval. May be outside of the department.

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 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.

- Take SOA Exam P (Probability) and report the score to the department.
- 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
- 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

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.)

Certificates

- None

Related Minors

- 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".

Acceptable Substitutes for Transfer Courses

- 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.oeads.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~
<https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- MAC 2311 - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- STA 4163 - Statistical Methods II **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Freshman Year - Summer (7 Credits)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- STA 4164 - Statistical Methods III **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- STA 4852 - Applied Time Series **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- COT 4500 - Numerical Calculus **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**
- Take SOA Exam P (Probability)

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- STA 4183 - Theory of Interest **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**

Junior Year - Spring (17 Credit Hours)

- STA 4184 - Introduction to Derivative Markets **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**

- CHM 2045C or PHY 2048C or PHY 2053C
Credit Hours: 4
- Free Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- STA 4130 - Life Contingencies I **Credit Hours: 3**
- STA 4133 - Loss Models I **Credit Hours: 3**
- STA 4186 - Theory of Derivative Pricing **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective Credit Hours 3

Senior Year - Spring (12 Credit Hours)

- STA 4131 - Life Contingencies II **Credit Hours: 3**
- STA 4135 - Loss Models II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Statistics (B.S.)

College of Sciences

Department of Statistics and Data Science
Technology Commons II (TC2), Room: 212
<https://sciences.ucf.edu/statistics>
Email: statistics@ucf.edu

Dr. Nizam Uddin
nizam.uddin@ucf.edu
Phone: 407-823-2692

Admission Requirements

- None

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 **Credit Hours: 3**
 - STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

General Education Program (GEP) (39 Credit Hours)

- Certain courses must be selected in the GEP for this major bringing the total hours to more than 36.
- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Economics (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Preferred)

Social Sciences (3 Credit Hours)

Select one:

- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)

Science Foundations (8 Credit Hours)

Life Science: (4 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)

Physical Science: (4 Credit Hours)

Select one:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)
- PHY 2053C - College Physics I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP) (11 Credit Hours)

- See "Acceptable Substitutes for Transfer Courses" for possible substitutes for the courses listed below.
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

- 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**
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Complete two laboratory courses designed for science majors;

- The state of Florida requires Statistics majors to take two laboratory-based science courses designed for science majors. Students must complete 8 credits of the following courses, and depending on what was taken in the GEP, this requirement may already be satisfied.
- Note: both semesters do not have to be in the same subject area.
- Note: depending on which courses were taken in the GEP, this requirement could require between 0 and 8 credits to complete.

Select two semesters within the following;

- See Basic Core for details.
 - Biology majors' courses with labs or
 - Chemistry majors' courses with labs or
 - Physics majors' courses with labs

Core Requirements: Basic Level

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken;

Core: Required, satisfies the CPP

- COP 3223C - Introduction to Programming with C **Credit Hours: 3** (CPP)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP/CPP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4** (CPP)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4** (CPP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (CPP)

- and two semesters equivalent within the following:

These satisfy the requirement for two semesters equivalent of science courses with labs designed for majors.

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP/CPP)

- or an alternate sequence,

These two semesters only count as one, and are considered as equivalent to the above course.

- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3** (GEP/CPP)
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3** (GEP/CPP)

- or complete both

Lecture plus lab count as one semester.

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** (CPP)
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1** (CPP)

- or

- BSC 2010C - Biology I **Credit Hours: 4** (GEP/CPP)
or
- BSC 2011C - Biology II **Credit Hours: 4** (CPP)
or
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP/CPP)
or
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** (CPP)

**Core Requirements: Advanced Level
(40 Credit Hours)**

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- STA 4102 - Computer Processing of Statistical Data **Credit Hours: 3**
- STA 4163 - Statistical Methods II **Credit Hours: 3**
- STA 4164 - Statistical Methods III **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**

Select from the following courses; (4
Credit Hours)

- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3106 - Linear Algebra **Credit Hours: 4**

Select from the following courses; (3
Credit Hours)

- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**

Select from the following courses; (12
Credit Hours)

- STA 3096 - Statistical Graphics **Credit Hours: 3**
- STA 4173 - Biostatistical Methods **Credit Hours: 3**
- STA 4222 - Sample Survey Methods **Credit Hours: 3**
- STA 4502 - Nonparametric Statistical Methods **Credit Hours: 3**
- STA 4504 - Categorical Data Analysis **Credit Hours: 3**
- STA 4664 - Statistical Quality Control **Credit Hours: 3**
- STA 4852 - Applied Time Series **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

- Select from upper division or graduate (5000 level), statistics, 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:

- MAC 2233 - Concepts of Calculus **Credit Hours: 3**
- MAC 2253 - Applied Calculus **Credit Hours: 3**
- MHF 4404 - History of Mathematics **Credit Hours: 3**
- All MAE courses

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 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 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
- 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

- 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.)

Certificates

- None

Related Minors

- 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".

Acceptable Substitutes for Transfer Courses

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/alc/academic_learning_compacts.htm

Plan of Study

- This is one of numerous possible plans of study. See program description for all requirements.
- Consult a departmental advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Prior to enrolling in Chemistry, take Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Prior to enrolling in Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Although all classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- BSC 2010C - Biology I **Credit Hours: 4**

- STA 4163 - Statistical Methods II **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Freshman Year - Summer (7 Credits)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- STA 4321 - Statistical Theory I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Select One:

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- PHY 2053C - College Physics I **Credit Hours: 4**

Sophomore Year - Spring (12 Credit Hours)

- STA 4164 - Statistical Methods III **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- or
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**
- Advanced Core Course **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- STA 4102 - Computer Processing of Statistical Data **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- or
- MAS 3106 - Linear Algebra **Credit Hours: 4**
- Advanced Core Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- Advanced Core Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- Advanced Core Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior 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**

Minor

Actuarial Science Minor

College of Sciences
 Department of Statistics and Data Science
 Technology Commons II (TC2), Room: 212
<https://sciences.ucf.edu/statistics>
 Email: statistics@ucf.edu

Dr. David Nickerson
david.nickerson@ucf.edu
 Phone: 407-823-5528

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 Admission Requirements

- Students need to complete the prerequisite courses.

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 Department of Statistics and Data Science.

Prerequisite Courses

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**

Required Courses (21 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- FIN 3403 - Business Finance **Credit Hours: 3**
- STA 4183 - Theory of Interest **Credit Hours: 3**
- STA 4184 - Introduction to Derivative Markets **Credit Hours: 3**
- STA 4186 - Theory of Derivative Pricing **Credit Hours: 3**
- STA 4322 - Statistical Theory II **Credit Hours: 3**

Restricted Electives

- No additional courses are required.

Foreign Language Requirements

- No Foreign Language is required.

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.

Statistics Minor

College of Sciences
Department of Statistics and Data Science
Technology Commons Center II (TC2), Room: 212
<https://sciences.ucf.edu/statistics>
Email: statistics@ucf.edu

Dr. Nizam Uddin
nizam.uddin@ucf.edu
Phone: 407-823-2692

Admission Requirements

- The minor is not open to Statistics majors.

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.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Required Courses (9 Credit Hours)

- STA 4163 - Statistical Methods II **Credit Hours: 3**
- STA 4164 - Statistical Methods III **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select from upper division STA prefix courses taught within the Statistics and Data Science Department.

The following course CAN NOT be used as a restricted elective:

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

College of Undergraduate Studies

Interim Vice Provost and Dean, Associate Vice Provost and

Associate Dean: Melody A. Bowdon

MH 210; 407-823-2373

undergrad.ucf.edu

Associate Vice Provost and Associate Dean: Keisha

Hoerrner

MH 210; 407-823-2373

Assistant Dean: Harrison Oonge

MH 210; 407-823-2373

Assistant Dean: Kimberly Schneider

MH 210; 407-823-2373

Director: Wayne Bowen

TCH 239; 407-823-0144

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, Bachelor of Arts IDS - Diversity Studies Track, Bachelor of Science in Environmental Studies and Bachelor of 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:

<http://oeas.ucf.edu/academiclearningcompacts.html>

Department of Interdisciplinary Studies

Director: Wayne Bowen

TCH 239; 407-823-0144

Email is is@ucf.edu

<http://is.ucf.edu>

Program Contact: College of Undergraduate Studies - Interdisciplinary Studies Advising
Academic Advisers: Karen Baxley, Luisa Cintron, James Smith, Amy Van Epps, Peter Wallace

Interdisciplinary Studies

The bachelor's in Interdisciplinary Studies is a university-wide program leading to either a Bachelor of Arts or a Bachelor of Science in Interdisciplinary Studies. The degree specialization earned depends on the majority of course areas selected in consultation with an Interdisciplinary Studies advisor. The bachelor's in Interdisciplinary Studies requires students to study three distinct, but complementary disciplines. Students must successfully complete two unique IDS Core courses (Cornerstone and Capstone), and select two IDS Areas of Study and a minor. This degree is available online, but not for all areas and minors.

Bachelor of Arts in Interdisciplinary Studies – Diversity Studies Track

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 successfully complete 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. This degree is available online.

Bachelor of Science in Environmental Studies

The Bachelor of Science in Environmental Studies incorporates curriculum from multiple disciplines including biology, chemistry, physics, mathematics, statistics, sociology, anthropology, political science, economics, public administration, geographic information systems, and philosophy to provide a broad understanding of interdisciplinary approaches to solving complex problems. Students will select the Sciences track for a greater depth of knowledge in botany, zoology, ecology, and chemistry or select the Communication and Planning track to acquire social, political and ethical knowledge to understand environmental actions and policy decisions. This degree is not available online although many courses are.

Bachelor of Integrative General Studies

The Bachelor of Integrative General Studies allows students to create a flexible, integrative and individualized course of study spanning a variety of topics. There are no concentrations, tracks or specializations within this degree program. Students are required to complete LDR 3115 and IDS 4939. Admission to this program requires 75 credit hours and the completion of ENC 1101 and ENC 1102. This degree is available online.

Academic Services

Associate Vice Provost and Associate Dean: Keisha Hoerrner

MH 210; 407-823-2691

Email: acadserv@ucf.edu

Academic Services upholds State of Florida and UCF policies and regulations regarding the academic record changes of undergraduate students, the curriculum management process, the degree audit program and the universitywide undergraduate graduation requirements.

It reviews 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. The Dean of the

College of Undergraduate Studies serves as the final arbiter for all undergraduate academic appeals.

Academic Services also plays an integral role in UCF's curriculum management process. Supporting the Faculty Senate's responsibility for all curriculum committees and councils, as defined by its constitution, the College of Undergraduate Studies works closely with the chairs of both the Undergraduate Curriculum Review Committee (UCRC) and the Undergraduate Policy and Curriculum Committee (UPCC). The Dean of the College of Undergraduate Studies chairs the Common Program Oversight Committee (CPOC), the Senate body that oversees universitywide curricular requirements including the General Education Program. The College of Undergraduate Studies assists the committees throughout the review process, ensures approved courses and programs are sent to the appropriate state agencies, and facilitates the annual review of programs within the Undergraduate Catalog. Once proposals have been approved by any of the three curricular committees, the College of Undergraduate Studies' Dean is the next level of approval. Those approved by the Dean of the College of Undergraduate Studies then go to the Provost for final approval. The College of Undergraduate Studies also coordinates the development of articulation agreements between UCF's colleges and the Florida College System while also promoting dual enrollment articulation agreements with secondary schools.

Major

Environmental Studies (B.S.)

College of Undergraduate Studies

TCH, Suite 239

<http://is.ucf.edu>

Email: is@ucf.edu

407-823-0144

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.

Admission Requirements

- None

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 Interdisciplinary Studies. Meet with a college advisor for additional information. in this major without prior to taking an independent study or internship for use in the program; non-approved independent studies will not be counted towards the major.
- Co-op credit cannot be used in the major.
- Students must earn at least a "C" (2.0) grade in each required course in the core and restricted electives.
- Students must consult with a college adviser 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.

General Education Program (GEP)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

¹ may take a higher level math course

- MAC 1105C - College Algebra **Credit Hours: 3** (Required) ¹
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Science Foundations (8 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4** (Required)
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (Required)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level (11 Credit Hours)

Core for Environmental Studies

Physical/Mathematical Sciences

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (GEP)
- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Life Sciences

- BSC 2010C - Biology I **Credit Hours: 4** (GEP)
- BSC 2011C - Biology II **Credit Hours: 4**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**

- PCB 3044L - Principles of Ecology Laboratory **Credit Hours: 1**

Social Science & Humanities

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (19 Credit Hours)

Environmental Studies Fundamentals

- IDS 3150 - Foundations of Environmental Studies **Credit Hours: 3**
- ECP 3302 - Economics and the Environment **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies **Credit Hours: 3**
- GIS 4301C - Advanced GIS Applications in Environmental Studies **Credit Hours: 4**
- PUP 3203 - Environmental Politics **Credit Hours: 3**
- SYD 4510 - Environment and Society **Credit Hours: 3**
- EVR 3450 - Interdisciplinary Research Methods for Environmental Studies **Credit Hours:**

Restricted Electives (18 Credit Hours)

- Students will complete one of the tracks listed below. Each track requires a minimum of eighteen credit hours. A student completing the Environmental Studies core can reasonably expect to meet entry requirements for most electives listed.
- The program will maintain a list of approved courses; substitutions require recommendation by an advisor and approval by the program director.
- Select eighteen hours in one concentration.

Communication and Planning Track

These courses count toward the 18 credit hours of electives for the Communication and Planning Track.

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 4051 - Environmental Anthropology **Credit Hours: 3**
- ECP 4303 - Environmental and Natural Resource Economics **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 4360 - Nature Writing **Credit Hours: 3**
- INR 4351 - International Environmental Law **Credit Hours: 3**
- PAD 3330 - Urban and Regional Planning **Credit Hours: 3**
- PAD 4351 - Issues in Environmental Program Management **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**
- PHI 4400 - Philosophy of Science **Credit Hours: 3**
- PHM 4031 - Environmental Philosophy **Credit Hours: 3**
- PLA 4554 - Environmental Law **Credit Hours: 3**
- PUP 3204 - Sustainability **Credit Hours: 3**
- PUP 4209 - Urban Environmental Policy **Credit Hours: 3**
- ANT 3290 - Anthropology of Plants and People **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**
- ANT 4123 - Archaeology of Coastal Societies **Credit Hours: 3**
- ANT 4187 - Paleoethnobotany **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- BSC 4861L - Urban Ecological Field Studies **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- ENV 4341 - Sustainable Resource Management **Credit Hours: 3**
- HSC 4500 - Epidemiology **Credit Hours: 3**
- INR 3016 - Global Political Issues **Credit Hours: 3**

- INR 4054 - Global Politics of Energy **Credit Hours: 3**
- INR 4350 - Global Environmental Politics **Credit Hours: 3**
- LIT 3437 - International Environmental Justice Literature **Credit Hours: 3**
- PAD 4331 - Land Use and Planning **Credit Hours: 3**
- PHH 3701 - Native American Philosophy **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3**
- PHI 3672 - Animal Ethics **Credit Hours: 3**
- PHI 4633 - Ethics and Biological Science **Credit Hours: 3**
- PSY 3630 - Psychology of Human-Animal Interaction **Credit Hours: 3**
- PUR 3210 - Communication Approach to Corporate Social Responsibility **Credit Hours: 3**
- REE 3614 - Environmental Issues for Real Estate **Credit Hours: 3**
- SYD 4514 - Environmental Movement **Credit Hours: 3**
- SYO 3408 - Animals and Health **Credit Hours: 3**
- WST 4349 - Ecofeminism **Credit Hours: 3**

Skills-based courses

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

These courses count toward the 18 credit hours of electives for the Science Track.

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BOT 3802 - Ethnobotany **Credit Hours: 3**
- BOT 4303C - Plant Kingdom **Credit Hours: 4**
- BOT 4713C - Plant Taxonomy **Credit Hours: 5**
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- OCE 3008 - Oceanography **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3442 - Aquatic Ecology **Credit Hours: 3**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
- PCB 4723 - Animal Physiology **Credit Hours: 4**
- ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment **Credit Hours: 3**
- BOT 3015 - Principles of Plant Science **Credit Hours: 3**
- BOT 3018C - Culinary Botany Across the Cultures **Credit Hours: 4**
- BOT 4223C - Plant Anatomy **Credit Hours: 4**
- BOT 4282L - PLANT MICROTECHNIQUES **Credit Hours: 2**
- BOT 4434C - General Mycology **Credit Hours: 4**
- BOT 4503C - Plant Physiology **Credit Hours: 4**
- BOT 4850 - Medical Botany **Credit Hours: 3**
- BSC 3052 - Conservation Biology **Credit Hours: 3**
- BSC 3312 - Principles of Marine Biology **Credit Hours: 3**
- BSC 4330 - Invasion Biology **Credit Hours: 3**
- BSC 4821 - Biogeography **Credit Hours: 4**
- BSC 4861L - Urban Ecological Field Studies **Credit Hours: 3**

- CHS 4615 - Environmental Chemistry **Credit Hours: 3**
- ENY 3571 - Honey Bee Biology and Beekeeping **Credit Hours: 3**
- ENY 4004C - General Entomology **Credit Hours: 4**
- GLY 4730 - Marine Geology **Credit Hours: 3**
- GLY 4734 - Coastal Processes **Credit Hours: 3**
- MCB 4603 - Environmental Microbiology **Credit Hours: 3**
- PAZ 4234 - Zoo and Aquarium Management **Credit Hours: 3**
- PCB 3023 - Molecular Cell Biology **Credit Hours: 3**
- PCB 3343L - Principles of Field Ecology **Credit Hours: 2-5**
- PCB 3354 - Tropical Ecology and Conservation **Credit Hours: 3**
- PCB 3355L - Tropical Marine Biology **Credit Hours: 2**
- PCB 4353 - Florida Ecology, Natural History and Conservation **Credit Hours: 3**
- PCB 4408 - Urban Ecology **Credit Hours: 3**
- PCB 4514 - Genetics II **Credit Hours: 3**
- PCB 4684 - Population Genetics **Credit Hours: 3**
- PCB 4722 - Comparative Animal Nutrition **Credit Hours: 4**
- PCB 4802 - Comparative Endocrinology **Credit Hours: 3**
- ZOO 3454 - Ichthyology **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 4205C - Biology and Ecology of Metazoan Invertebrates **Credit Hours: 4**
- ZOO 4310C - Vertebrate Evolution & Ecology **Credit Hours: 4**
- ZOO 4462C - Herpetology **Credit Hours: 4**
- ZOO 4480 - Mammalogy **Credit Hours: 4**
- ZOO 4480L - Mammalogy Lab **Credit Hours: 1**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**
- ZOO 4603C - Embryology/Development **Credit Hours: 5**

Capstone Requirements (3 Credit Hours)

The Capstone course is taken in the Senior year.

- IDS 4893 - Capstone Environmental Studies **Credit Hours: 3**

Electives

- Select primarily from upper level courses, with adviser approval.

Foreign Language Requirements

Admissions

- Two years of high school, or one year college language (or equivalent proficiency exam) prior to graduation

Graduation

- Proficiency equivalent to one semester of college instruction in a foreign language or American Sign Language. Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Three (3) credit hours in undergraduate research, internship, and/or service-learning. 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.

Required Minors

- None

Departmental Exit Requirements

- A grade of "C" or above (2.0) is required for each course taken in the subject areas and core.
- Computer Competency is met by completing this 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

- None

Related Programs

- Biology (B.S.)
- Chemistry (B.S.)
- Environmental Engineering (B.S.Env.E)
- Political Science (B.A.)
- Economics (B.S.)

Certificates

- None

Related Minors

- all 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/alc/academic_learning_compacts.htm

Plan of Study

- None

Integrative General Studies (B.G.S.)

**College of Undergraduate Studies
Office of Interdisciplinary Studies,
Trevor Colbourn Hall, Suite 239
Email: big@ucf.edu
Phone: 407-823-0144
<https://undergrad.ucf.edu/ids/programs/big/>**

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.

Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some options for which are not available via online courses. For more information, see <http://online.ucf.edu/>.

Admission Requirements

- Approval by College of Undergraduate Studies and Knights Student Success Center
- Completion of 75 or more credit hours

Degree Requirements

- Students must declare the BIGS 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 or double major.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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: Advanced Level (48 Credit Hours)

- LDR 3115 - Contemporary Issues in Leadership
Credit Hours: 3

Capstone Requirements

- IDS 4939 - Senior Seminar **Credit Hours: 3**

Electives

- 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

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
- 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 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Interdisciplinary Studies (B.A./B.S.)

College of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
<http://www.is.ucf.edu>
Email: is@ucf.edu

Phone: 407-823-0144

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 Department of Interdisciplinary Studies 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.

Admission Requirements

- None

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 adviser 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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 (6 Credit Hours)

- IDS 3933 - Cornerstone Experience **Credit Hours: 3**
- IDS 4934 - Capstone Experience **Credit Hours: 3**

Core Requirements: Advanced Level

- None

Restricted Electives (30 Credit Hours)

- 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

Capstone Requirements

- IDS 4934 - Capstone Experience **Credit Hours: 3**
Students take this course in their graduating semester.

Electives

- Select primarily from upper level courses, with an Interdisciplinary Studies adviser's approval.

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
- 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

- None

Related Programs

- Interdisciplinary Studies, Transnational Gender, Race, and Sexuality Track (B.A.)

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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- None

Interdisciplinary Studies, Diversity Studies Track (B.A.)

**College of Undergraduate Studies
Office of Interdisciplinary Studies
12796 Aquarius Agora Drive
Trevor Colbourn Hall
Orlando, FL, 32816
<http://is.ucf.edu/>**

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.

Admission Requirements

- None

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

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 (6 Credit Hours)

- IDS 3933 - Cornerstone Experience **Credit Hours: 3**
- IDS 4934 - Capstone Experience **Credit Hours: 3**

Core Requirements: Advanced Level

- None

Restricted Electives (30 Credit Hours)

- Students are required to complete a minor from the list of approved minor. In addition, students will be required to complete 30 hours of approved courses from the Diversity Studies.
- Students must take a minimum of 12 hours of approved courses from List A (Theories of Diversity) and 18 hours of approved courses from list B (Experiences and Representations of Diversity) (excluding GEP courses).
- Students are required to take a minimum of 15 UCF hours, as well as 15 upper division hours, in the two areas combined.

Theories of Diversity (12 Credit Hours)

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 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**

Experiences and Representations of Diversity (18 Credit Hours)

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**

Capstone Requirements

Students take IDS 4934 in their graduating semester.

- IDS 4934 - Capstone Experience **Credit Hours: 3**

Electives

- Select primarily from upper level courses, with Interdisciplinary Studies advisor's approval.

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
- 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

- 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.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- None

Minor

Environmental Studies

Minor

College of Undergraduate Studies

TCH, Suite 239

<http://www.is.ucf.edu>

Email: is@ucf.edu

Phone: 407-823-0144

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.

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.

Required Courses (3 Credit Hours)

- IDS 3150 - Foundations of Environmental Studies **Credit Hours: 3**

Restricted Electives (18 Credit Hours)

- Take 9 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.

Science Electives (9 Credit Hours)

¹GIS 3043C and GIS 4301C can be used in either the Science or the Values, Planning, and Policy area but cannot be used in both.

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- BCH 4054 - Biochemistry II **Credit Hours: 3**
- BOT 3802 - Ethnobotany **Credit Hours: 3**
- BOT 4303C - Plant Kingdom **Credit Hours: 4**
- BOT 4713C - Plant Taxonomy **Credit Hours: 5**
- BSC 4312C - Advanced Marine Biology **Credit Hours: 4**
- CHM 3120 - Analytical Chemistry **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies **Credit Hours: 3**¹
- GIS 4301C - Advanced GIS Applications in Environmental Studies **Credit Hours: 4**¹
- OCE 3008 - Oceanography **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3442 - Aquatic Ecology **Credit Hours: 3**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
- PCB 4723 - Animal Physiology **Credit Hours: 4**
- PCB 5045 - Conservation Biology **Credit Hours: 4**
- PCB 5326C - Ecosystems of Florida **Credit Hours: 5**
- ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment **Credit Hours: 3**

Values, Planning, and Policy Electives (9 Credit Hours)

¹GIS 3043C and GIS 4301C can be used in either the Science or the Values, Planning, and Policy area but cannot be used in both.

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**

- ECP 3302 - Economics and the Environment
Credit Hours: 3
- ECP 4303 - Environmental and Natural Resource Economics **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 4360 - Nature Writing **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies
Credit Hours: 3¹
- GIS 4301C - Advanced GIS Applications in Environmental Studies **Credit Hours: 4**¹
- INR 4351 - International Environmental Law
Credit Hours: 3
- PAD 3330 - Urban and Regional Planning **Credit Hours: 3**
- PAD 4351 - Issues in Environmental Program Management **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- PHI 4400 - Philosophy of Science **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**
- PHI 4633 - Ethics and Biological Science **Credit Hours: 3**
- PHM 4031 - Environmental Philosophy **Credit Hours: 3**
- PLA 4554 - Environmental Law **Credit Hours: 3**
- PUP 3203 - Environmental Politics **Credit Hours: 3**
- PUP 3204 - Sustainability **Credit Hours: 3**
- PUP 4209 - Urban Environmental Policy **Credit Hours: 3**
- SYD 4510 - Environment and Society **Credit Hours: 3**

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.

Leadership Studies Minor

College of Undergraduate Studies
Office of Interdisciplinary Studies,
TCH, Suite 239
<http://www.is.ucf.edu>
Email: is@ucf.edu

Phone: 407-823-0144

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.

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.

World Comparative Studies Minor

College of Undergraduate Studies
Office of Interdisciplinary Studies,
Classroom I, Room: 302
<http://www.is.ucf.edu>
Email: is@ucf.edu

Phone: 407-823-0144

The World Comparative Studies (WCS) minor is an interdisciplinary academic program intended to prepare students to live and work in, and make sense of, an increasingly interdependent and multicultural world. 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 the minor as a supplement to their major.

All students must engage in an approved international experience. The language proficiency requirement must also be met.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (3 Credit Hours)

- IDS 3333 - World Comparative Studies **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

- Thematic Concentrations: Select five courses from within one of the concentrations below. Courses not on the list may be taken with the prior approval of the program adviser. Students must meet all prerequisites before enrolling in these courses. No more than 6 hours of coursework may overlap in a student's major and this minor without permission of the Interdisciplinary Studies office. Two upper division foreign language courses (6 hours) may be substituted in any of the thematic concentrations.

Language and Culture

Regional courses: Students may take up to two courses dealing with at least two regions of the world in consultation with academic advisor in the Office of Interdisciplinary Studies.

- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- FSS 3008 - Culture and Cuisine **Credit Hours: 3**
- HFT 4866C - Exploring Wines of the World **Credit Hours: 3**
- HFT 3868 - History and Culture of Wine **Credit Hours: 3**

- HFT 4894 - International Gastronomy **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**

Economics

- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- ECO 3703 - International Microeconomics **Credit Hours: 3**
- ECO 4713 - International Macroeconomics **Credit Hours: 3**
- ECS 4013 - Development Economics **Credit Hours: 3**
- ECP 3302 - Economics and the Environment **Credit Hours: 3**
- HFT 3700 - Tourism Management **Credit Hours: 3**
- INR 4035 - International Political Economy **Credit Hours: 3**

Biological and Geophysical Environment

- IDS 3150 - Foundations of Environmental Studies **Credit Hours: 3**
- ECP 3302 - Economics and the Environment **Credit Hours: 3**
- SYD 4510 - Environment and Society **Credit Hours: 3**
- HFT 4735 - Tourism Geography **Credit Hours: 3**
- INR 4351 - International Environmental Law **Credit Hours: 3**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies **Credit Hours: 3**
- PHI 3033 - Philosophy, Religion, and the Environment **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**

Social Structure and Change

- ANT 3145 - Archaeology of Complex Societies **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**

- PLA 4830 - World Legal Systems **Credit Hours: 3**
- SYP 4454 - Global Inequality and Society **Credit Hours: 3**

Media and Communication

- FIL 3845 - World Cinema Traditions **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- LIN 4643 - Cross Cultural Communication **Credit Hours: 3**
- THE 4212 - Global Theatre **Credit Hours: 3**
- FIL 3842 - International Cinema **Credit Hours: 3**

World Independent Specialization

- 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.

Foreign Language Requirements

- Students must demonstrate the equivalent of one year of successful college-level study in a foreign language. They can do this either by successful completion of the appropriate college-level course(s) or by examination.

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.

Certificate

Cultural Tourism Certificate

College of Undergraduate Studies
Office of Interdisciplinary Studies, Classroom I, Room:
302
<http://www.is.ucf.edu>
Email: is@ucf.edu
Phone: 407-823-0144

This certificate harnesses the naturally related fields of tourism to cultural studies, focusing on the specific cultural and business conditions in Central Florida as well as tourism. The certificate complements several fields, including Hospitality Management, African American Studies, History, Anthropology, and Political Science. The cultural theme can be fulfilled by specialized areas in African American Heritage, Anthropology, Environmental Tourism, or Latin American.

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 3700 - Tourism Management **Credit Hours: 3**
- HFT 4735 - Tourism Geography **Credit Hours: 3**
- ANT 4303 - Anthropology of Tourism **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Choose two classes from one of the following areas:

African American Heritage area

(Select two:)

- AFA 3104 - The Black Intellectual Experience **Credit Hours: 3**
- AFA 4105 - Documenting Africana Heritage and Life **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**

Anthropology area

Select two:

- ANT 2140 - Archaeology and the Rise of Human Culture **Credit Hours: 3**
- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ANT 3212 - Peoples of the World **Credit Hours: 3**
- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**

Environmental Tourism area

Select two:

- PCB 3442 - Aquatic Ecology **Credit Hours: 3**
- INR 4351 - International Environmental Law **Credit Hours: 3**
- PUP 3203 - Environmental Politics **Credit Hours: 3**
- PUP 3204 - Sustainability **Credit Hours: 3**
- SYD 4510 - Environment and Society **Credit Hours: 3**

Latin American area

Select two:

- ANT 3163 - Mesoamerican Archaeology **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**
- ARH 4653 - Meso American Art **Credit Hours: 3**
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3**
- LAH 3130 - Latin American History I **Credit Hours: 3**
- 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**

Additional Information

Foreign Language Requirements

- None

Total Semester Hours Required

- 18

Other Requirements

- None

Geographic Information Systems Certificate

College of Undergraduate Studies
Office of Interdisciplinary Studies

GIS Certificate Coordinator:
Dr. Timothy Hawthorne, timothy.hawthorne@ucf.edu,
407-823-1030

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.

Admission Requirements

- None

Certificate Requirements

- None

GIS Certificate Requirements (12 Credit Hours)

- Two Core courses (6 Credit Hours)
- Two courses of elective coursework (6 Credit Hours)

First Core Courses

Choose one course from among the courses below:

- ANT 4852 - GIS Methods in Anthropology **Credit Hours: 3**
- ANG 5852 - GIS Methods in Anthropology **Credit Hours: 3**
- GIS 3043C - GIS for Environmental Studies **Credit Hours: 3**
- PAD 4712 - Information Systems for Public Managers and Planners **Credit Hours: 3**
- POS 4764 - GIS for Political Analysis **Credit Hours: 3**
- SYA 3352 - Spatial Sociology I: Intro to GIS **Credit Hours: 3**

Second Core Courses

Choose one course from among the courses below:

- GIS 4301C - Advanced GIS Applications in Environmental Studies **Credit Hours: 4**
- SYA 4354 - Geographic Information Systems Applications **Credit Hours: 3**
- ANT 4854 - Advanced GIS Methods in Anthropology **Credit Hours: 3**

Elective Courses

Choose 2 courses from among the elective courses below, Other courses may be substituted with permission of the Coordinator. Other courses may be substituted with permission of the Coordinator.

- BSC 4821 - Biogeography **Credit Hours: 4**
- CGN 3700C - Civil Engineering Measurements **Credit Hours: 2**
- CJE 4654 - Crime and Place **Credit Hours: 3**
- CJE 4663 - Crime Mapping and Pattern Analysis **Credit Hours: 3**
- CJE 3662 - CJ Information Technology and Data Management **Credit Hours: 3**
- CWR 5634 - Water Resources In A Changing Environment **Credit Hours: 3**
- EEL 5432 - Satellite Remote Sensing **Credit Hours: 3**
- EEL 5820 - Image Processing **Credit Hours: 3**
- HFT 4735 - Tourism Geography **Credit Hours: 3**
- HUM 4394 - Place and Space **Credit Hours: 3**
- LIT 3206 - Place and Space in Literature **Credit Hours: 3**
- OSE 4830 - Imaging and Display **Credit Hours: 3**
- PCB 4408 - Urban Ecology **Credit Hours: 3**
- PUP 4209 - Urban Environmental Policy **Credit Hours: 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: 4**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- COP 3223H - Honors Introduction to Programming with C **Credit Hours: 3**

Prerequisite Courses

- None

Required Courses

- None

Restricted Electives

- None

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.

Leadership Studies Certificate

College of Undergraduate Studies
Office of Interdisciplinary Studies,
TCH, Suite 239

<http://www.is.ucf.edu>

Email: is@ucf.edu

Phone: 407-823-0144

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.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses (13 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 (9 Credit Hours)

- Choose one course from three of the areas below:

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**

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**

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 3640 - Environmental Ethics **Credit Hours:**
3

Restricted Electives

- None

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.

Service-Learning Certificate

College of Undergraduate Studies
Office of Interdisciplinary Studies, CSEL, Suite 300
<http://www.explearning.ucf.edu>
A. Zeh, Amy.Zeh@ucf.edu, 407-823-2667

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.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

Four UCF-approved SL 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.

Restricted Electives

- None

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

Dean: Youcheng Wang
9907 Universal Boulevard, Suite 231 Orlando, FL 32819;
407-903-8000
<http://www.hospitality.ucf.edu>

Associate Dean: Robertico Croes;
9907 Universal Boulevard, Suite 231; 407-903-8071
Associate Dean: Alan Fyall;
9907 Universal Boulevard, Suite 231; 407-903-8071

Assistant Dean: Manuel Rivera;
9907 Universal Boulevard, Suite 272; 407-903-8071

Orlando Campus Academic Advising:
Classroom Building I, 302H; 407-823-1112

Rosen Campus Academic Advising:
9907 Universal Boulevard, Suite 201; 407-903-8056

Faculty: Aleshinloye, Altin, Alvarez, Back, Baker, Bliznik, Breiter, Brinkman, Bufquin, Croes, Eddy, Fjelstul, Florsheim, Fridrich, Fyall, Fu, Gregory, Hagglund, Hahm, Hancer, Hara, Holm, Hua, Huang, Hutchinson, Judy, Jung, Kang, Kaufman, Kizildig, Kwun, Lavendol, Logan, Macy, Mejia, Milman, Murphy, Nalley, Okumus B., Okumus, F., Orłowski, Ozturk, Park, Pizam, Richards, Ridderstaat, Rivera, Ro, Shaulagin, Seltzer, Semrad, Severt, Shapoval, Sims, Singh, Tasci, Terry, Torres, Van Niekerk, Wang, Wei, Weinland, Weissberg, Wickey, Wilson, Wixted, Yost, Zhang, Zhong

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.

Over 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 <http://oeas.ucf.edu/academiclearningcompacts.html>

Graduate Programs

For a full list of Graduate programs click here. All Undergraduate programs for the Rosen College of Hospitality Management are listed below.

Department of Foodservices and Lodging Management

Major

Restaurant and Foodservice Management (B.S.)

Rosen College of Hospitality Management
Department of Foodservices and Lodging Management
9907 Universal Boulevard, Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: hospitality@mail.ucf.edu

Dr. Cynthia Mejia, Interim Department Chair

Dr. Alan Fyall, Associate Dean
 Dr. Youcheng Wang, Dean
 Phone: 407-903-8000

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)

- ECO 2023 - Principles of Microeconomics
Credit Hours: 3 (Required)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (7 Credit Hours)

¹ See "Common Prerequisites" in the Transfer and Transitions section for more information.

- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3** ¹
- FSS 2221C - Techniques of Food Preparation **Credit Hours: 4**

Core Requirements: Basic Level

- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)

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 (51 Credit Hours)

Hospitality Core Requirements (30 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 3603 - Legal Environment in the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3431 - Hospitality industry Managerial Accounting **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**

Internships (3 Credit Hours)

- HFT 3940 - Internship I **Credit Hours: 1**
- HFT 4941 - Internship II **Credit Hours: 1**
- HFT 4944 - Internship III **Credit Hours: 1**

Restaurant Management Core (18 Credit Hours)

- FSS 3124 - Food Supply Chain Management **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 3263 - Restaurant Management **Credit Hours: 3**
- 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 (15 Credit Hours)

Select Five: (15 Credit Hours)

- FSS 3008 - Culture and Cuisine **Credit Hours: 3**
- FSS 4286C - Catering Management **Credit Hours: 3**
- HFT 3654 - Hospitality Franchising **Credit Hours: 3**
- HFT 3811 - Beverage Sales, Marketing, and Distribution **Credit Hours: 3**
- HFT 3868 - History and Culture of Wine **Credit Hours: 3**
- HFT 4065 - Fine Spirits Management **Credit Hours: 3**
- HFT 4266 - Hospitality Brand Management **Credit Hours: 3**
- HFT 4268 - Restaurant Entrepreneurship **Credit Hours: 3**
- HFT 4281 - Restaurant Leadership & Strat Mgt **Credit Hours: 3**
- HFT 4343 - Hospitality Facilities Management **Credit Hours: 3**
- HFT 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4864 - Seminar in Quality Brewing and Fine Beer **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

- 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
- 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

- 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

Plan of Study

- Plan your required nine summer credit hours into your course of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- Cult/Hist. Foundations I **Credit Hours: 3**

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ANT 2000 - General Anthropology **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

- FSS 2221C - Techniques of Food Preparation **Credit Hours: 4**
- Cult/Hist. Foundations II **Credit Hours: 3**

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- Science Foundations I **Credit Hours: 3**
- Free Electives **Credit Hours: 5**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- Science Foundations II **Credit Hours: 3**
- Cult/Hist. Foundations III **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- HFT 3431 - Hospitality industry Managerial Accounting **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- FSS 3124 - Food Supply Chain Management **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**

- HFT 3263 - Restaurant Management **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours: 1**

Junior Year - Spring (16 Credit Hours)

- HFT 3603 - Legal Environment in the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3813 - Marketing Analysis in the Food Ind **Credit Hours: 3**
- HFT 4457 - Optimizing Profits in Food Ops **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 4941 - Internship II **Credit Hours: 1**
- Restaurant Restricted Elective **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4861 - Beverage Management **Credit Hours: 3**
- HFT 4944 - Internship III **Credit Hours: 1**
- Restaurant Restricted Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**
- Restaurant Restricted Electives **Credit Hours: 9**
- Free Elective **Credit Hours: 3**

Restaurant and Foodservice Management, A.S. to B.S. Track (B.S.)

Rosen College of Hospitality Management
Department of Foodservices and Lodging Management
9907 Universal Boulevard

Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: hospitality@ucf.edu

Dr. Cynthia Mejia, Interim Department Chair

Dr. Alan Fyall, Associate Dean
Dr. Youcheng Wang, Dean
Phone: 407-903-8000

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.

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 3654 - Hospitality Franchising **Credit Hours: 3**
- HFT 3811 - Beverage Sales, Marketing, and Distribution **Credit Hours: 3**
- HFT 3868 - History and Culture of Wine **Credit Hours: 3**
- HFT 4065 - Fine Spirits Management **Credit Hours: 3**
- HFT 4266 - Hospitality Brand Management **Credit Hours: 3**
- HFT 4268 - Restaurant Entrepreneurship **Credit Hours: 3**
- HFT 4281 - Restaurant Leadership & Strat Mgt **Credit Hours: 3**
- HFT 4343 - Hospitality Facilities Management **Credit Hours: 3**
- HFT 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4864 - Seminar in Quality Brewing and Fine Beer **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.
- 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 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.oeas.ucf.edu/alc/academic_learning_compacts.htm

Department of Hospitality Services

Major

Hospitality Management (B.S.)

Rosen College of Hospitality Management
Department of Hospitality Services
9907 Universal Boulevard, Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: hospitality@mail.ucf.edu

TBA, Department Chair

Dr. Alan Fyall, Associate Dean
Dr. Youcheng Wang, Dean

Phone: 407-903-8000

Admission Requirements

- Students seeking admission into the Hospitality Management Online Degree Program should contact rosencollegeonline@ucf.edu for additional information.

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 advised cores, and the restricted electives.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Quantitative Tools

- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)

Select One:

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** GEP
- STA 2023 - Statistical Methods I **Credit Hours: 3** GEP

Select One:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (49 Credit Hours)

Hospitality Management Core (49 Credit Hours)

- FSS 2221C - Techniques of Food Preparation **Credit Hours: 4**

- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- HFT 3224 - Hospitality Management & Leadership Fundamentals **Credit Hours: 3**
- HFT 3263 - Restaurant Management **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 3603 - Legal Environment in the Hospitality and Tourism Industry **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**

Sectoral Core Requirements (9 Credit Hours)

Select 3 Courses (9 Credits)

- HFT 3700 - Tourism Management **Credit Hours: 3**
- HFT 2750 - The Event Industry **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**

Internships (3 Credits)

- HFT 3940 - Internship I **Credit Hours:**

- HFT 4941 - Internship II **Credit Hours:**
- HFT 4944 - Internship III **Credit Hours:**

Restricted Electives (15 Credit Hours)

- Students should select five 3000-4000 level courses from the following to fulfill the hospitality management restricted elective requirement or select one of the Specialized Tracks.

Restricted Electives (15 Credit Hours)

Students must take 15 credit hours (five courses) from the following:

- FSS 3008 - Culture and Cuisine **Credit Hours: 3**
- FSS 4286C - Catering Management **Credit Hours: 3**
- HFT 3357 - Sport and Club Event Operations **Credit Hours: 3**
- HFT 3384 - Sport and Club Enterprise Management **Credit Hours: 3**
- HFT 3654 - Hospitality Franchising **Credit Hours: 3**
- HFT 3741 - Meeting Management **Credit Hours: 3**
- HFT 3770 - Cruise Line Operations and Management **Credit Hours: 3**
- HFT 3868 - History and Culture of Wine **Credit Hours: 3**
- HFT 4065 - Fine Spirits Management **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 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4522 - Resort Sales Tactics and Strategies **Credit Hours: 3**
- HFT 4751 - Managing the Employee Experience in the Theme Park and Attraction Industry **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 4759 - Product Development in Theme Parks and Attractions **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 4864 - Seminar in Quality Brewing and Fine Beer **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**
- HFT 4394 - Event Operations **Credit Hours: 3**

Specialized Tracks (15 Credit Hours)

Theme Park and Attraction Management Track (15 Credit Hours)

- HFT 4751 - Managing the Employee Experience in the Theme Park and Attraction Industry **Credit Hours: 3**
- HFT 4614 - Risk Management in Theme Parks and Attractions **Credit Hours: 3**
- HFT 4759 - Product Development in Theme Parks and Attractions **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 4795 - Entertainment Arts and Events **Credit Hours: 3**

Lodging Management Track (15 Credit Hours)

- HFT 3654 - Hospitality Franchising **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 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4522 - Resort Sales Tactics and Strategies **Credit Hours: 3**

Hospitality Information Technology Track (15 Credit Hours)

- HFT 3443 - Event Technology **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 3564 - Digital Marketing for Hospitality Organizations **Credit Hours: 3**
- HFT 3447 - Database Management and Internet Security for Hospitality Organizations **Credit Hours: 3**
- HFT 3505 - Social Media Management in the Hospitality Industry **Credit Hours: 3**

Capstone Requirements

This class must be taken in senior year.

- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**

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
- 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

- 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.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

- Plan your required nine summer credit hours into your course of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- Cult/Hist. Foundations I **Credit Hours: 3**

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ANT 2000 - General Anthropology **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

- Cult/Hist. Foundations II **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**
- Science Foundations I **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- Science Foundations II **Credit Hours: 3**
- Cult/Hist. Foundations III **Credit Hours: 3**
- Free Elective **Credit Hours: 2**
- FSS 2221C - Techniques of Food Preparation **Credit Hours: 4**

Junior Year - Fall (16 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 3224 - Hospitality Management & Leadership Fundamentals **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 3263 - Restaurant Management **Credit Hours: 3**

- HFT 3603 - Legal Environment in the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours: 1**

Junior Year - Spring (16 Credit Hours)

- HFT 3431 - Hospitality industry Managerial Accounting **Credit Hours: 3**
- HFT 4468 - Revenue Management in the Hospitality Industry **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 4941 - Internship II **Credit Hours: 1**
- Sectorial Studies Course **Credit Hours: 3**
- Hospitality Management Restricted Elective **Credit Hours: 3**

Senior Year - Fall (16 Credit Hours)

- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4944 - Internship III **Credit Hours: 1**
- Hospitality Restricted Elective **Credit Hours: 3**
- Hospitality Restricted Elective **Credit Hours: 3**
- Sectorial Studies Course **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**
- Free Elective **Credit Hours: 3**

Minor

Hospitality Management Minor

Rosen College of Hospitality Management
Department of Hospitality Services,
9907 Universal Boulevard, Orlando, FL 32819

<http://www.hospitality.ucf.edu>

Email: hospitality@mail.ucf.edu

TBA, Department Chair

Dr. Alan Fyall Associate Dean

Dr. Youcheng Wang, Dean

Phone: 407-903-8000

Not available to majors within the Rosen College of Hospitality Management.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses: (18 Credit Hours)

Take all of the following: (6 Credit Hours)

- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**

Select Four Courses (12 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 3603 - Legal Environment in the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3224 - Hospitality Management & Leadership Fundamentals **Credit Hours: 3**

- HFT 3700 - Tourism Management **Credit Hours: 3**
- HFT 3263 - Restaurant Management **Credit Hours: 3**
- HFT 3273 - Principles of Resort Timesharing **Credit Hours: 3**
- HFT 4755 - Theme Park and Attraction Management **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 4277 - Club Management **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

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.

Certificate

Hospitality Information Technology Certificate

Rosen College of Hospitality Management Department of Hospitality Services

<https://hospitality.ucf.edu/degree-programs/undergraduate-programs/hospitality-management/>
Dr. M. Hancer, murat.hancer@ucf.edu, 407-903 8043

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.

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 four courses must be 3.00 and higher.
- All 12 credit hours used towards the certificate must be earned at UCF.

Prerequisite Courses

None

Required Courses (9 hours)

- Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 3505 - Social Media Management in the Hospitality Industry **Credit Hours: 3**
- HFT 3447 - Database Management and Internet Security for Hospitality Organizations **Credit Hours: 3**

Restricted Electives (3 hours)

- Students select 1 additional course from the following list
- HFT 3443 - Event Technology **Credit Hours: 3**
- HFT 3564 - Digital Marketing for Hospitality Organizations **Credit Hours: 3**

Foreign Language Requirements

None

Total Semester Hours Required: 12 Hours

Articulated A.S. Programs

Hospitality Management, A.S. to B.S. Track (B.S.)

Rosen College of Hospitality Management
Department of Hospitality Services,
9907 Universal Boulevard, Orlando, FL 32819
Email: hospitality@mail.ucf.edu

TBA, Department Chair

Dr. Alan Fyall, Associate Dean
Dr. Youcheng Wang, Dean
Phone: 407-903-8000

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.

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 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.

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
- 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: 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**

Department of Tourism Event and Attractions

Major

Entertainment Management (B.S.)

Rosen College of Hospitality Management
College of Arts and Humanities
Department of Tourism Event and Attractions,
School of Performing Arts
9907 Universal Boulevard, Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: hospitality@ucf.edu

TBA, Department Chair

Dr. Alan Fyall, Associate Dean
Dr. Youcheng Wang, Dean

407-903-8000

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (3 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- HFT 2071 - Introduction to the Entertainment Industry **Credit Hours: 3**

Core Requirements: Basic Level

- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)

Select One:

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Select One:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (6 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** (GEP)
- THE 2000 - Theatre Survey **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (48 Credit Hours)

Hospitality Management Core (12 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 4755 - Theme Park and Attraction Management **Credit Hours: 3**

Entertainment Management Core (30 Credit Hours)

- HFT 2563 - Digital Marketing in Entertainment **Credit Hours: 3**
- HFT 3375 - Entertainment Business **Credit Hours: 3**
- HFT 3463 - Revenue Strategies in the Entertainment Industry **Credit Hours: 3**
- HFT 3395 - Entertainment Technology and Innovation **Credit Hours: 3**
- HFT 3795 - Leading in the Entertainment Industry **Credit Hours: 3**
- HFT 4377 - Entertainment Production Management **Credit Hours: 3**
- HFT 4469 - Financial Performance in Entertainment **Credit Hours: 3**
- HFT 4623 - Entertainment Law and Ethics **Credit Hours: 3**
- HFT 3593 - Consumer Behavior in Entertainment **Credit Hours: 3**
- HFT 4378 - Entertainment Portfolio Management **Credit Hours: 3**

Internships (3 Credit Hours)

- HFT 3940 - Internship I **Credit Hours: 1**
- HFT 4941 - Internship II **Credit Hours: 1**
- HFT 4944 - Internship III **Credit Hours: 1**

Restricted Electives (18 Credit Hours)

Entertainment Management Performing Arts courses and Restricted Electives

Complete the following 2 required Performance Arts courses:

- MUS 4320 - Music Business and Industry **Credit Hours: 3**
- THE 3082 - Theatre Careers **Credit Hours: 3**

Select an additional 4 restricted Entertainment Management Electives from the following:

- HFT 3512 - Event Promotion **Credit Hours: 3**
- HFT 3785 - Management of Gaming Enterprises **Credit Hours: 3**
- HFT 3798 - Fairs and Festivals **Credit Hours: 3**

- HFT 4398 - Entertainment Entrepreneurship **Credit Hours: 3**
- HFT 4626 - Public Policy Issues in the Entertainment Industry **Credit Hours: 3**
- HFT 4752 - Managing the Guest Experience in the Theme Park and Attraction Industry **Credit Hours: 3**
- HFT 4759 - Product Development in Theme Parks and Attractions **Credit Hours: 3**
- HFT 4795 - Entertainment Arts and Events **Credit Hours: 3**
- HFT 4796 - International Events **Credit Hours: 3**
- PLA 4823 - Sports Law **Credit Hours: 3**
- PLA 4825 - Entertainment Law **Credit Hours: 3**
- THE 3171 - That's Entertainment!: Theatre Experience in Theme Parks, Vegas, and Broadway **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**
- TPA 3172 - Flash, Bash, and Splash: Concerts, Wrestling, & Circus **Credit Hours: 3**

Capstone Requirements

- Completion of 3 specialized Entertainment Management Internships, see Faculty Internship Coordinator for guidance.

Electives

- Per specified within the curriculum requirements.

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

Departmental Exit Requirements

- Completion of 3 hours of Specialized Entertainment Management Internship course work.

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

- 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:

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- HFT 2071 - Introduction to the Entertainment Industry **Credit Hours: 3**
- University Free Elective **Credit Hours: 3**

Select One:

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ANT 2000 - General Anthropology **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**

Select One:

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- University Free Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

- Science Foundations I **Credit Hours: 3**
- HFT 2563 - Digital Marketing in Entertainment **Credit Hours: 3**

Select One:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Select One:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- Science Foundations II **Credit Hours: 3**
- Cult/Hist. Foundations III **Credit Hours: 3**
- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 3375 - Entertainment Business **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- HFT 4755 - Theme Park and Attraction Management **Credit Hours: 3**
- HFT 4623 - Entertainment Law and Ethics **Credit Hours: 3**
- HFT 3463 - Revenue Strategies in the Entertainment Industry **Credit Hours: 3**
- Entertainment Management Restricted Elective **Credit Hours: 3**
- THE 3082 - Theatre Careers **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours: 3**

Junior Year - Spring (16 credit hours)

- HFT 3395 - Entertainment Technology and Innovation **Credit Hours: 3**

- HFT 3593 - Consumer Behavior in Entertainment **Credit Hours: 3**
- HFT 3795 - Leading in the Entertainment Industry **Credit Hours: 3**
- MUS 4320 - Music Business and Industry **Credit Hours: 3**
- HFT 4941 - Internship II **Credit Hours: 1**
- Entertainment Management Restricted Elective **Credit hours: 3**

Senior Year - Fall (13 Credit Hours)

- HFT 4377 - Entertainment Production Management **Credit Hours: 3**
- HFT 4469 - Financial Performance in Entertainment **Credit Hours: 3**
- Entertainment Management Restricted Elective **Credit Hours: 3**
- University Free Elective **Credit Hours: 4**

Senior Year - Spring (15 Credit Hours)

- HFT 4944 - Internship III **Credit Hours: 1**
- HFT 4378 - Entertainment Portfolio Management **Credit Hours: 3**
- HFT 4398 - Entertainment Entrepreneurship **Credit Hours: 3** Please note: HFT 4398 is an Entertainment Management restricted elective
- University Free Elective **Credit Hours: 3**
- University Free Electives **Credit Hours: 5**

Event Management (B.S.)

Rosen College of Hospitality Management
Department of Tourism Event and Attractions
9907 Universal Boulevard, Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: hospitality@mail.ucf.edu

TBA, Department Chair

Dr. Alan Fyall, Associate Dean
 Dr. Youcheng Wang, Dean
 Phone: 407-903-8000

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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)
- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

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** (GEP)

Select One:

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Select One:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (55 Credit Hours)

Hospitality Management Core (24 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 3431 - Hospitality industry Managerial Accounting **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**

Internships (3 Credit Hours)

- HFT 3940 - Internship I **Credit Hours: 1**
- HFT 4941 - Internship II **Credit Hours: 1**
- HFT 4944 - Internship III **Credit Hours: 1**

Event Management Core (27 Credit Hours)

- HFT 2750 - The Event Industry **Credit Hours: 3**
- HFT 3670 - Hospitality and Event Risk Management **Credit Hours: 3**
- HFT 3512 - Event Promotion **Credit Hours: 3**
- HFT 3519 - Event Services **Credit Hours: 3**
- HFT 3523 - Event Sales **Credit Hours: 3**
- HFT 4757 - Event Tourism Strategies **Credit Hours: 3**
- HFT 3443 - Event Technology **Credit Hours: 3**
- HFT 4542 - Strategic Event Design **Credit Hours: 3**
- HFT 4856 - Event Food and Beverage Strategies **Credit Hours: 3**
or FSS 4286C Catering Management

Restricted Electives (15 Credit Hours)

Complete any five 3000-4000 level restricted Event Management Electives

- HFT 3741 - Meeting Management **Credit Hours: 3**

- HFT 4754 - Exhibit and Trade Show Operations
Credit Hours: 3
- HFT 4795 - Entertainment Arts and Events
Credit Hours: 3
- HFT 3798 - Fairs and Festivals **Credit Hours: 3**
- HFT 4561 - Destination Marketing & Management **Credit Hours: 3**
- HFT 4796 - International Events **Credit Hours: 3**
- HFT 4375 - Advanced Trade Show Management
Credit Hours: 3
- HFT 3357 - Sport and Club Event Operations
Credit Hours: 3
- HFT 4866C - Exploring Wines of the World
Credit Hours: 3
- HFT 4394 - Event Operations **Credit Hours: 3**

Capstone Requirements

- None

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 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
- 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

- 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.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

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- Cult/Hist. Foundations I **Credit Hours: 3**

Select One: (3 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**
- ANT 2000 - General Anthropology **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- HFT 2254 - Lodging Operations **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**
- Cult/Hist. Foundations II **Credit Hours: 3**

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- HFT 2220 - Hospitality Human Resources Management **Credit Hours: 3**
- HFT 2500 - Hospitality and Tourism Marketing **Credit Hours: 3**
- Science Foundations I **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 3443 - Event Technology **Credit Hours: 3**
- HFT 3670 - Hospitality and Event Risk Management **Credit Hours: 3**
- Science Foundation II Credit Hours: 3
- Cult/Hist. Foundation III Credit Hours: 3

Junior Year - Fall (16 Credit Hours)

- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 3431 - Hospitality industry Managerial Accounting **Credit Hours: 3**
- HFT 3519 - Event Services **Credit Hours: 3**
- HFT 3512 - Event Promotion **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours: 1**
- Event Management Restricted Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 3523 - Event Sales **Credit Hours: 3**
- HFT4542 Strategic Event Design **Credit Hours: 3**
- Event Management Restricted Elective **Credit Hours: 3**
- HFT 4941 - Internship II **Credit Hours: 1**
- FSS 4286C - Catering Management **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4944 - Internship III **Credit Hours: 1**

- Event Management Restricted Elective **Credit Hours: 3**
- Event Management Restricted Elective **Credit Hours: 3**
- HFT 4856 Event Management Food & Beverage Strategies: **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- HFT 4757 - Event Tourism Strategies **Credit Hours: 3**
- Event Management Restricted Elective **Credit Hours: 3**
- University Free Elective **Credit Hours: 3**
- University Free Elective **Credit Hours: 3**
- University Free Elective **Credit Hours: 3**

New Core

Minor

Event Management Minor

Rosen College of Hospitality Management
Department of Tourism Event and Attractions
9907 Universal Blvd. Orlando, FL 32819
<http://www.hospitality.ucf.edu>
Email: Hospitality@ucf.edu
TBA, Department Chair
Dr. Youcheng Wang, Dean
 Phone: (407) 903-8000

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.

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** or
- HFT 3519 - Event Services **Credit Hours: 3** or
- HFT 3523 - Event Sales **Credit Hours: 3** or
(Prerequisite for HFT 3523 is HFT 3519)
- HFT 3741 - Meeting Management **Credit Hours: 3** or
- HFT 3798 - Fairs and Festivals **Credit Hours: 3**
or
- HFT 4561 - Destination Marketing & Management **Credit Hours: 3** or
- HFT 4795 - Entertainment Arts and Events **Credit Hours: 3** or
- HFT 4796 - International Events **Credit Hours: 3** or
- 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.

Certificate

Professional Tennis Management Certificate

Rosen College of Hospitality Management
Department of Tourism, Events, and Attractions

Dr. Jill Fjelstul, jill.fjelstul@ucf.edu 407-903-8096

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.

Certificate Admission Requirements

None

Certificate Requirements

- All 15 credit hours used towards the certificate must be earned at UCF.

Prerequisite Courses

None

Required Courses (15 hours)

- There is no required sequence of classes except Internship I, II, respectively.
- HFT 2434 - Introduction to Professional Tennis Management **Credit Hours: 3**
- HFT 3357 - Sport and Club Event Operations **Credit Hours: 3**
- HFT 3384 - Sport and Club Enterprise Management **Credit Hours: 3**
- HFT 3670 - Hospitality and Event Risk Management **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours:**
- HFT 4941 - Internship II **Credit Hours:**
- HFT 4944 - Internship III **Credit Hours:**

Foreign Language Requirements

None

Total Semester Hours Required (15 Hrs)

Other Requirements

- No credit by exam may be used.

Nicholson School of Communication and Media

Director: Robert Littlefield
NSC238; 407-823-1711
<https://communication.ucf.edu/>

Senior Associate Director: Boyd Lindsley
Associate Director: Nan Yu

CAH Dean: Jeffrey Moore
<https://www.cah.ucf.edu/>
COS Dean: Michael Johnson
<http://sciences.ucf.edu/>

The Nicholson School of Communication and Media (NSCM) is an interdisciplinary, inter-college school with communication, digital media, mass media and film programs that will redefine content creation, digital art, and communication for the 21st century. The school combines programs from the College of Art and Humanities and the College of Sciences.

The school includes programs in journalism, radio-television, advertising-public relations, communication, digital media, film and the Florida Interactive Entertainment Academy. Beginning fall 2019, NSCM's communication and digital media programs will join the Florida Interactive Entertainment Academy (FIEA) at UCF Downtown, a 21st century campus with access to arts, culture, nightlife and industry.

NSCM holds as its mission the promotion of:

- Free inquiry, free speech, and the free flow of information and ideas in a diverse, contemporary society;
- A creative, collaborative, and ethical environment for research and for the production of high-quality games, interactive media, film, and mass communication;
- Rigorous, relevant, and stimulating undergraduate and graduate curricular and co-curricular programs that are research based, preparing students for professional careers or advanced graduate study; and
- Engagement, collaboration, and research with community partners to serve the university, communication and media industries, and our broadly-defined service area in central Florida and beyond.

By combining the strengths of these two great colleges at UCF, we believe that our students will be better prepared

for life after graduation and UCF will continue to be a national leader in higher education.

For information concerning graduate programs, please refer to the Graduate Catalog:
<http://www.graduatecatalog.ucf.edu>.

Advisement

Nicholson Academic Student Services Center (NASSC)

Assistant Director: Rebecca Morales
NSC143; 407-823-2681
Email: nassc@ucf.edu
<https://communication.ucf.edu/advising/>

The Nicholson Academic Student Services Center (NASSC) provides advising for all programs within the School. In addition to the open access programs, there are several limited-access programs that require a separate application and course prerequisites in order to be accepted into the major. In other cases, only a change of major request is required. Refer to individual program pages for program-specific requirements. Students seeking admission into limited-access programs are encouraged to meet with an advisor in the NASSC at least once per semester to ensure they remain on track to qualify for these programs.

College of Arts and Humanities Student Advising (CAHSA)

Director: Delia Garcia
TCH 159; 407-823-3312
Email: cahsa@ucf.edu
<http://cahsa.cah.ucf.edu>

CAHSA is the primary office for undergraduate academic programs in the College of Arts and Humanities. These include the bachelor's and related minor and certificate programs in Film and Digital Media. CAHSA assists students with program and degree requirements, policies, and procedures as well as coordinates orientation, registration, readmission, and graduation. Questions concerning university and college academic policies and requirements should be directed to CAHSA. Questions concerning the specific requirements within the School should be directed to the Nicholson Academic Student

Services Center (NASSC). For additional information about CAHSA, please visit our website.

College of Sciences, Advising Services (COSAS)

Director: Lee Anne Kirkpatrick
CSB 250; 407-823-6131
Email: cosas@ucf.edu
<http://sciences.ucf.edu/cosas/>

COSAS is the primary office for undergraduate academic programs in the College of Sciences. These include the bachelor's and related minor and certificate programs in Human Communication, Communication and Conflict, Advertising and Public Relations, Journalism, and Radio-Television. COSAS assists students with program and degree requirements, policies, and procedures as well as coordinates orientation, registration, readmission, and graduation. Questions concerning university and college academic policies and requirements should be directed to COSAS. Questions concerning the specific requirements within the School should be directed to the Nicholson Academic Student Services Center (NASSC). For additional information about COSAS, please visit our website.

Program Academic Learning Compacts

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

Graduate Programs

For a full list of graduate programs, including the new Ph.D. in Strategic Communication, please see the Graduate Catalog.

Department of Communication

Assistant Director: Deanna Sellnow
NSC 244; 407-823-3144
<https://communication.ucf.edu/communication/>

Advising: Nicholson Academic Student Services Center (NASSC)

NSC 143; 407-823-2681
Email: nassc@ucf.edu

The Communication department offers three Bachelor of Arts degrees and several certificate and minors. The undergraduate degrees are:

1. Advertising-Public Relations: Provides knowledge of theory, concepts, and practical skills in both advertising and public relations for professional careers.
2. Communication and Conflict: Provides skills and knowledge that empower careers in mediation, arbitration, employee assistance providers, human resources, and management. The major also serves as excellent preparation for graduate studies in communication, management, and law. Students study the interaction of communication and conflict at all levels – from the interpersonal to the intercultural – with a strong emphasis on experiential learning and real-world applications.
3. Human Communication: Provides knowledge of theory, opportunities for active engagement, and development of skills needed to interact effectively in both professional and personal contexts. Students may pursue a general human communication studies track or a specialized track focusing in the following: business and professional communication, health communication, interpersonal communication, or social innovation and activism.

Facilities

The Nicholson School of Communication and Media building provides a superior teaching/learning facility, including multi-media instructional classrooms. The Advertising/Public Relations program has a computer writing and media lab. The Human Communication and the Communication and Conflict programs have a small group and interpersonal research laboratory equipped with research equipment and audio/video record/playback tools.

Graduate Programs

The Department of Communication also offers a master's in Communication and a graduate certificate in Corporate Communication. For more information about these programs, please refer to the Graduate Catalog.

Major

Advertising/Public Relations (B.A.)

Nicholson School of Communication and Media

NSCM, Room: 143

<https://communication.ucf.edu>

Joan McCain,
joan.mccain@ucf.edu

Nicholson Academic Student Services Center (NASSC)

nassc@ucf.edu

Phone: 407-823-2681

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.

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 **Credit Hours: 3** and
- PUR 4000 - Public Relations **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.

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.
- Students should 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 (Radio-TV and Journalism) represented within the Nicholson School of Communication and Media. Of these 72 hours, 48 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences). Film and Digital Media courses will be permitted as liberal arts courses. .
- Students electing to complete a minor must select the minor from outside the Nicholson School of Communication and Media to remain below the 48 credit hour school maximum.
- 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 Program (GEP) (36 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course.

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**

Cultural & Historical Foundations (9 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- Select two courses from Cultural & Historical Foundation, Area 2; **Credit Hours: 6**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

Select one:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
- May substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics: (3 Credit Hours)

Select one:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (Required)
- May substitute a more advanced STA course.

Social Foundations (6 Credit Hours)

Economics (3 Credit Hours)

Select one:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Social Sciences (3 Credit Hours)

Select one:

- ANT 2000 - General Anthropology **Credit Hours: 3** (Required)
- PSY 2012 - General Psychology **Credit Hours: 3** (Required)
- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

Select either economics course:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Speech:

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (6 Credit Hours)

- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken along with the following;

Must be in progress or completed before applying to the program:

Complete all of the following: (6 Credit Hours)

For admission to the program, students must complete or be enrolled into and complete the following courses with a "C" or better (if in process at the time of admission, students who do not earn a "C" or better will be removed from the program).

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**

May be completed before or after admission to the program:

Complete either economics class:

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP/PPP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP/PPP)

Complete either speech class:

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (GEP/PPP)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP/PPP)

Complete either statistics class:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)

- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (24 Credit Hours)

Complete after admission to the program:

- ADV 4101 - Advertising Copywriting **Credit Hours: 3**
- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
- MMC 4411 - Ad-PR Campaigns **Credit Hours: 3**
- PUR 3100 - Writing for Public Relations **Credit Hours: 3**
- VIC 3001 - Visual Communication **Credit Hours: 3**

Internship: Select one (3 Credit Hours)

- ADV 4941 - Internship **Credit Hours: 3**
- PUR 4941 - Internship **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Select from the following after admission to the program. If you choose internship, you may take either ADV or PUR, but not both:

- ADV 3001 - Advertising Strategy **Credit Hours: 3**
- ADV 4103 - Radio-Television Advertising **Credit Hours: 3**
- ADV 4300 - Advertising Media Planning **Credit Hours: 3**
- ADV 4941 Internship **Credit Hours: 3**
- PUR 3004 - Public Relations and Society **Credit Hours: 3**
- PUR 3210 - Communication Approach to Corporate Social Responsibility **Credit Hours: 3**
- PUR 4600 - PR Strategies **Credit Hours: 3**
- PUR 4014 - Preparing for Public Relations Certification **Credit Hours: 3**

- PUR 4110C - Public Relations Publications
Credit Hours: 3
- PUR 4203 - PR/Advertising Ethics and Law
Credit Hours: 3
- PUR 4400 - Crisis Communication **Credit Hours: 3**
- PUR 4801 - Public Relations Case Studies
Credit Hours: 3
- PUR 4941 Internship **Credit Hours: 3**
- VIC 4312 - Power Branding **Credit Hours: 3**
Additional restricted electives can be taken as approved by an advisor.

Capstone Requirements

The following Advanced Core course meets the Capstone Requirement:

- MMC 4411 - Ad-PR Campaigns **Credit Hours: 3**

Electives

- 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. The majority of electives should be taken in the Liberal Arts to comply with the 48 hour Liberal Arts requirement.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

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.

Additional Requirements

- None

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
- 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

- 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 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)

- ADV 4906 - Directed Independent Study **Credit Hours: 1**
- PUR 4906 - Directed Independent Study **Credit Hours: 1**

Select One: (3 Credit Hours)

- ADV 4970H - Undergraduate Honors Thesis **Credit Hours: 1**
- PUR 4970H - Honors Undergraduate Thesis II **Credit Hours: 1**

Related Programs

- Marketing (B.S.B.A.)

Certificates

- None

Related Minors

- 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.

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

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Plan of Study

- One of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP Math **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1120C) **Credit Hours: 4**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
or
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- Foreign Language XXX1121 **Credit Hours: 4**

Freshman Year - Summer (6 Credit Hours)

- Elective-take outside of NSC **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
or
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

- Elective-take outside of NSC **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 4**
- Apply to the program

Junior Year - Fall (15 Credit Hours)

Apply to program by Oct 1.

- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

If admitted, take the following;

- PUR 3100 - Writing for Public Relations **Credit Hours: 3**
- VIC 3001 - Visual Communication **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Internship - ADV 4941 or PUR 4941 **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ADV 4101 - Advertising Copywriting **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

- Restricted Elective **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- MMC 4411 - Ad-PR Campaigns **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
A second Internship as a Restricted Elective is strongly advised
- Restricted Elective **Credit Hours: 3**
- Free Elective-take outside of NSC **Credit Hours: 3**

Communication & Conflict (B.A.)

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Dr. Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

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 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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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**

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites
(CPP)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (3
Credit Hours)

Speech

Select One:

- COM 1000 - Introduction to Communication **Credit Hours: 3** (GEP)
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (GEP)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP/CPP)

Statistics

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level
(12 Credit Hours)

Select 1:

- COM 3800 - Conflict Communication Research Methods **Credit Hours: 3**
- COM 3311 - Communication Research Methods **Credit Hours: 3**

Take all of the following:

- COM 3801 - Relational Conflict Communication **Credit Hours: 3**
- COM 3802 - Principles of Communication & Conflict **Credit Hours: 3**
- COM 4804 - Communication in Cultural Conflict Context **Credit Hours: 3**

Restricted Electives (21 Credit Hours)

Internal Restricted Electives: (15 Credit
Hours)

Select from the following list:

- COM 4014 - Gender Issues in Communication **Credit Hours: 3**
- COM 4022 - Principles of Health Communication **Credit Hours: 3**
- COM 4120 - Organizational Communication **Credit Hours: 3**
- COM 4563 - Principles of Social Innovation and Activism **Credit Hours: 3**
- COM 4803 - Third Party Processes & Intervention **Credit Hours: 3**
- COM 4805 - Transformative Communication **Credit Hours: 3**
- MMC 4300 - International Media **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**
- PUR 4400 - Crisis Communication **Credit Hours: 3**
- SPC 4426 - Group Dynamics **Credit Hours: 3**
- SPC 4540 - Persuasion and Communication **Credit Hours: 3**

Additional restricted electives can be taken as approved by an advisor.

A maximum of 6 credits of any combination
of the following can be used as an Internal
Restricted Elective:

- COM 4941 Internship **Credit Hours: 1 or**
- COM 4906 Directed Independent Study **Credit Hours: 1 or**
- SPC 4949 Cooperative Education **or**

- COM 4949 Cooperative Education

Students may select a maximum of 3 credits from the list below to be applied to Internal Restricted Electives.

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3 or**
- ENC 3250 - Professional Writing **Credit Hours: 3 or**
- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3 or**
- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3 or**
- ENC 3315 - Argumentative Writing **Credit Hours: 3 or**
- Other upper division COM or SPC courses with prior approval of department advisor.

External Restricted Electives: (6 Credit Hours)

- 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, 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 Credit Hours)

- COM 4806 - Communication & Conflict Case Studies **Credit Hours: 3**

Electives

- Select primarily from upper level courses. May be taken outside of the Nicholson School of Communication and Media.

Foreign Language Requirements

Admissions

- Met by graduation 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 might impact hours needed to graduate.

Additional Requirements

- None

Required Minors

- None

Departmental Exit 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).
- 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.

Total Undergraduate Credit Hours Required: 120

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 <https://honors.ucf.edu/research/>.

Related Programs

- None

Certificates

- None

Related Minors

- 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.

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/academiclearningcompacts.html>

Plan of Study

- One of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new, or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Before registering for Math, take Math Placement Test ~ <http://utc.sdes.ucf.edu>

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP-Math **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language XXX1120 **Credit Hours: 4**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- Foreign Language XXX1121 **Credit Hours: 4**

Select One:

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- COM 1000 - Introduction to Communication **Credit Hours: 3**

Freshman Year - Summer (6 Credits)

- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- Internal Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Select One:

- COM 3800 - Conflict Communication Research Methods **Credit Hours: 3**
- COM 3311 - Communication Research Methods **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- COM 3802 - Principles of Communication & Conflict **Credit Hours: 3**
- Internal Restricted Elective **Credit Hours: 3**

- External Restricted Elective **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- COM 3801 - Relational Conflict Communication **Credit Hours: 3**
- Internal Restricted Elective **Credit Hours: 3**
- External Restricted Elective **Credit Hours: 3**
- Elective (Consider a Minor) **Credit Hours: 3**
- Elective (Consider a Minor) **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Internal Restricted Elective-Internship **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- COM 4804 - Communication in Cultural Conflict Context **Credit Hours: 3**
- Internal Restricted Elective **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**

Senior Year - Spring (16 Credit Hours)

- COM 4806 - Communication & Conflict Case Studies **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 3**
- Elective (Consider a minor) **Credit Hours: 4**

Human Communication (B.A.)

Nicholson School of Communication and Media
UnionWest at Creative Building (UCF Downtown)
<https://communication.ucf.edu/>

Dr. Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements

- None

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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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** (Required)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)
- You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics: (3 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Core Requirements: Basic Level

Speech:

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Statistics:

- STA 2014C - Principles of Statistics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (15 Credit Hours)

Take all of the following: (15 Credit Hours)

- COM 3003 - Exploring Human Communication **Credit Hours: 3**
- COM 3311 - Communication Research Methods **Credit Hours: 3**
- COM 3402 - Communication Theory **Credit Hours: 3**
- SPC 3301 - Interpersonal Communication **Credit Hours: 3**
- SPC 3602 - Advanced Public Speaking **Credit Hours: 3**

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.

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).

Specialized Tracks

Students can claim a specialized track by completing three courses in one of the following areas (in addition to the 6 hours of internal restricted electives):

Business and Professional Track (9 Credit Hours)

Take all of the following:

- COM 4110 - Business and Professional Communication **Credit Hours: 3**
- COM 4120 - Organizational Communication **Credit Hours: 3**
- COM 4332 - Communication, Technology, and Change **Credit Hours: 3**

Health Communication Track (9 Credit Hours)

Take all of the following:

- COM 4022 - Principles of Health Communication **Credit Hours: 3**
- COM 4221 - Health Literacy **Credit Hours: 3**
- COM 4550 - Public Communication Campaigns **Credit Hours: 3**

Interpersonal Communication Track (9 Credit Hours)

Take all of the following:

- COM 4013 - Communication and the Family **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- SPC 4302 - Advanced Interpersonal Communication **Credit Hours: 3**

Social Innovation and Activism Track (9 Credit Hours)

Take all of the following:

- COM 4550 - Public Communication Campaigns **Credit Hours: 3**
- COM 4563 - Principles of Social Innovation and Activism **Credit Hours: 3**
- SPC 4513C - Argumentation and Debate **Credit Hours: 3**

Restricted Electives (15 Credit Hours)

Internal Restricted Electives: (6 Credit Hours)

- Note: Courses used for the core 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, 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 Experience (3 Credit Hours)

Select one from the following:

- COM 3955 - Study Abroad **Credit Hours: 3**
- COM 4903H - Honors Directed Reading I **Credit Hours: 3**
- COM 4906 - Directed Independent Study **Credit Hours: 3**
- COM 4912 - Directed Independent Research **Credit Hours: 3**
- COM 4941 - Internship **Credit Hours: 3**
- COM 4955 - Study Abroad **Credit Hours: 3**
- COM 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Capstone Requirements

- None

Electives

- Select primarily from upper level courses. May be taken outside of the Nicholson School of Communication and Media.

Foreign Language Requirements

Admissions

- Met by graduation 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 might impact hours needed to graduate.

Additional Requirements

- None

Required Minors

- None

Departmental Exit 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).
- 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.

Total Undergraduate Credit Hours Required: 120

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

- None

Certificates

- None

Related Minors

- 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.

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 school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.
- Before registering for Math, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP-Math **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language XXX1120 **Credit Hours: 4**

Freshman Year - Spring (13 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- Foreign Language XXX1121 **Credit Hours: 4**

Freshman Year - Summer (7 Credits)

- GEP **Credit Hours: 3**
- Elective **Credit Hours: 4**

Sophomore Year - Fall (12 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- COM 3311 - Communication Research Methods **Credit Hours: 3**
- COM 3003 - Exploring Human Communication **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- SPC 3301 - Interpersonal Communication **Credit Hours: 3**
- COM 3402 - Communication Theory **Credit Hours: 3**
- Track Required Course/Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SPC 3602 - Advanced Public Speaking **Credit Hours: 3**
- Track Required Course/Restricted Elective **Credit Hours: 3**
- Track Required Course/Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- High Impact Experience **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Internal Restricted Elective **Credit Hours: 3**
- Internal Restricted Elective **Credit Hours: 3**
- External Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- External Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Journalism (B.A.)

Nicholson School of Communication and Media
NSCM, Room: 143
<https://communication.ucf.edu/>

Lance Speere
lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

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
- June 1 to be admitted the next fall term

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 and Media Studies (Radio-TV and Journalism) represented within the Nicholson School of Communication and Media. Of these 72 hours, 56 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences). Film and Digital Media courses will be permitted as liberal arts courses.
- Journalism majors must select their required minor or area of concentration from outside the Nicholson School of Communication and Media to remain below the 48 credit hour school maximum.
- 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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Cultural & Historical Foundations (9 Credit Hours)

Group 1: (3 Credit Hours)

Select a course from Cultural & Historical Foundations, Area 1.

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)

Group 2: (3 Credit Hours)

Select a course from Cultural & Historical Foundations, Area 2.

Group 3: (3 Credit Hours)

Select a third course from either Cultural & Historical Foundations, Area 1 or 2.

Mathematical Foundations (6 Credit Hours)

Statistics-Computers: (3 Credit Hours)

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (Suggested)
- STA 2014C - Principles of Statistics **Credit Hours: 3** (Suggested)

Math: (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Exam, see: <https://www.sdes.ucf.edu/placement-tests/>.

Select one:

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)

Social Foundations (6 Credit Hours)

Group 1: (3 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)

Group 2: (3 Credit Hours)

Select a listed course from Social Foundations

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

Complete the following:

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Core Requirements: Basic Level (15 Credit Hours)

- Grammar Proficiency must be satisfied before enrolling in JOU 2100C.
- These courses may be completed before acceptance into the program.
- All courses specifically identified in the preceding Common Program Prerequisites section of this catalog are also required in the Basic Core, and must be taken along with the following;

Core: Required, satisfies the CPP

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (GEP/CPP)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP/CPP)

Core (15 Credit Hours)

Must earn at least a "C" (2.0) in these courses in order to enroll in subsequent courses.

- JOU 2100C - News Reporting **Credit Hours: 3**
- JOU 3004 - History of American Journalism **Credit Hours: 3**
- JOU 3015 - Principles of Journalism **Credit Hours: 3**
- MMC 2004 - Mass Media **Credit Hours: 3**
- MMC 3200 - Mass Communication Law **Credit Hours: 3**

Core Requirements: Advanced Level (3 Credit Hours)

- 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.

Select One:

- MMC 4300 - International Media **Credit Hours: 3**
- MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**
- Any Nicholson School advisor approved upper-division Study Abroad course

Restricted Electives (19 Credit Hours)

- These courses can only be completed after acceptance into the program.
- (NOTE: Students may NOT use courses in the core track as an elective; 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.

Electronic News: Select the following: (10 Credit Hours)

- RTV 3301 - Electronic Journalism I **Credit Hours: 3**
- RTV 3304 - Electronic Journalism II **Credit Hours: 3**
- RTV 3321 - Electronic News Gathering **Credit Hours: 4**

Digital News: Select the following: (10 Credit Hours)

- JOU 3101 - Advanced Reporting **Credit Hours: 3**
- RTV 3321 - Electronic News Gathering **Credit Hours: 4**

Select One:

- JOU 4340C - Online Journalism I **Credit Hours: 3**
- JOU 4342C - Multimedia Journalism **Credit Hours: 3**

Group A: Select from the following: (6 Credit Hours)

¹ May be taken for a maximum of 3 hours.

Internships must be approved in advance by the Journalism Area Coordinator

- JOU 3101 - Advanced Reporting **Credit Hours: 3**
- JOU 3130 - In-Depth Reporting **Credit Hours: 3**
- JOU 3184C - Metro Reporting **Credit Hours: 3**
- JOU 3201 - Editing I **Credit Hours: 3**
- JOU 3202 - Editing II **Credit Hours: 3**
- JOU 3310 - Social Media Writing for Magazines **Credit Hours: 3**
- JOU 3313C - Sports Reporting **Credit Hours: 3**
- JOU 3320 - News Producing **Credit Hours: 3**
- JOU 3510 - Magazine Publishing **Credit Hours: 3**
- JOU 3951 - Knightly Latino **Credit Hours: 3**
- JOU 4181 - Public Affairs Reporting **Credit Hours: 3**
- JOU 4340C - Online Journalism I **Credit Hours: 3**
- JOU 4213C - Page Design **Credit Hours: 3**
- JOU 4300 - Feature Writing **Credit Hours: 3**
- JOU 4306C - Critical Writing **Credit Hours: 3**
- JOU 4308 - Freelance Writing **Credit Hours: 3**
- JOU 4342C - Multimedia Journalism **Credit Hours: 3**
- JOU 4447 - Magazine Editing and Production **Credit Hours: 3**
- JOU 4941 Internship **Credit Hours: 1¹**
- PGY 3610C - Photojournalism I **Credit Hours: 3**
- PGY 3620C - Photojournalism II **Credit Hours: 3**
- RTV 3301 - Electronic Journalism I **Credit Hours: 3**
- RTV 3304 - Electronic Journalism II **Credit Hours: 3**
- RTV 4591C - Webcasting I **Credit Hours: 3**

- RTV 4681 - Television News **Credit Hours: 4**

Group B: Select from the following: (3 Credit Hours)

¹ May be taken for a maximum of 3 hours

Additional restricted electives can be taken as approved by an advisor.

Internships must be approved in advance by the Journalism Program Coordinator

- JOU 3301 - Journalism Readings **Credit Hours: 3**
- JOU 4941 Internship **Credit Hours: 1¹**
- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
- MMC 4263 - New Media Technologies **Credit Hours: 3**
- MMC 4300 - International Media **Credit Hours: 3**
- MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**
- MMC 4602 - Contemporary Media Issues **Credit Hours: 3**
- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**
- RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media **Credit Hours: 3**
- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**
- RTV 4503 - Sports Programming in Electronic Media **Credit Hours: 3**
- RTV 4505 - Program Issues for TV & Motion Pictures **Credit Hours: 3**
- RTV 4700 - Regulation of Broadcasting **Credit Hours: 3**
- RTV 4800 - Broadcast Management **Credit Hours: 3**

Capstone Requirements (4 Credit Hours)

Electronic News: (4 Credit Hours)

- RTV 4681 - Television News **Credit Hours: 4**

Digital News: (4 Credit Hours)

- JOU 4950 - Senior Capstone in Journalism
Credit Hours: 4

Electives

- 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 41 credit hour cap. The majority of electives should be taken in the Liberal Arts and Sciences to comply with the 56 hour Liberal Arts requirement.

Foreign Language Requirements

Admissions

- Met by graduation 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.

Additional Requirements

- None

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
- 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

- 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.)

Certificates

- None

Related Minors

- 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.

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/academiclearningcompacts.html>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

- One of numerous possible plans of study. See program description for all requirements.
- Consult a school advisor for alternate, new or more appropriate selections.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1120) **Credit Hours: 4**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**

Freshman Year - Summer (3 Credits)

- GEP **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- MMC 2004 - Mass Media **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

Apply for admission by Feb 1

- JOU 2100C - News Reporting **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

If admitted, take...

- JOU 3015 - Principles of Journalism **Credit Hours: 3**
- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- RTV 3321 - Electronic News Gathering **Credit Hours: 4**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- JOU 3004 - History of American Journalism **Credit Hours: 3**

Select One:

- MMC 4300 - International Media **Credit Hours: 3**
or
- MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Restricted Elective-Internship **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

Submit Journalism Portfolio

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Capstone **Credit Hours: 4**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 2**

Radio - Television (B.A.)

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Dr. William Kinnally
william.Kinnally@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements

- The Radio-Television program is a limited access program that requires a separate application.
- Students should apply to become Radio-Television 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.

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 Radio-TV Pending) and select this major must adopt the most current catalog.
- Students may complete an internship off campus in a professional broadcast, production, 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 an R-TV 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 & 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. Of these 72 hours, 54 must be taken in the liberal arts (i.e. within the College of Arts & Humanities or the College of Sciences). Film and Digital Media courses will be permitted as liberal arts courses.
- Radio-TV majors must select their required minor from outside the Mass Media (RTV 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 R-TV 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 Program (GEP) (36 Credit Hours)

- At least one course completed in each Foundation area must be a designated State General Education Core Course.

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**

Cultural & Historical Foundations (9 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Preferred)
- Select two courses from Cultural & Historical Foundation, Area 2 **Credit Hours: 6**

Mathematical Foundations (6 Credit Hours)

Math: (3 Credit Hours)

You may substitute a higher level math with appropriate scores on the Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested)
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested)

Computers - Statistics: (3 Credit Hours)

Select One:

- CGS 1060C - Introduction to Computers **Credit Hours: 3**
- STA 2014C - Principles of Statistics **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3** (Preferred)
- Select a listed course from Social Foundation, Area 1 **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level (12 Credit Hours)

These courses may be taken before applying to the major.

Must earn at least a "C" (2.0) or better in each core requirement and restricted elective in the major.

- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**
- RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media **Credit Hours: 3**
- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**

Select One:

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (GEP)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (6 Credit Hours)

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.

- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- RTV 2100 - Writing for the Electronic Media **Credit Hours: 3**

Restricted Electives

- 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 (28 Credit Hours)

Required: (14 Credit Hours)

- RTV 3531 - Principles of Videography **Credit Hours: 3**
- RTV 3543 - Principles of Studio Production **Credit Hours: 4**
- RTV 3576C - Principles of Post Production **Credit Hours: 3**
- RTV 4544 - Media Production Capstone **Credit Hours: 4**

Select from the following: (14 Credit Hours)

¹ May be taken for a maximum of 3 hours.

- RTV 3556C - Audio Production I **Credit Hours: 3**
- RTV 3571 - Advanced Video Post-Production **Credit Hours: 3**
- RTV 3581C - Lighting and Advanced Videography **Credit Hours: 3**
- RTV 3942L - Practicum **Credit Hours: 1-3**
- RTV 3590 - Production of Interactive Multimedia **Credit Hours: 3**

- RTV 4561C - Radio Production and Programming **Credit Hours: 3**
- RTV 4591C - Webcasting I **Credit Hours: 3**
- RTV 4941 Internship **Credit Hours: 1-3¹**

Media Management & Operations (28 Credit Hours)

Required (6 Credit Hours)

- RTV 3531 - Principles of Videography **Credit Hours: 3**
- RTV 3576C - Principles of Post Production **Credit Hours: 3**

MMO Group A Electives Select from the following: (16 Credit Hours)

- ADV 4103 - Radio-Television Advertising **Credit Hours: 3**
- JOU 3015 - Principles of Journalism **Credit Hours: 3**
- RTV 3942L - Practicum **Credit Hours: 1-3**
- RTV 3590 - Production of Interactive Multimedia **Credit Hours: 3**
- RTV 3601 - Broadcast Announcing and Performance **Credit Hours: 3**
- RTV 4401 - Mass Media Effects **Credit Hours: 3**
- RTV 4406 - Electronic Media Audience Measurement **Credit Hours: 3**
- RTV 4505 - Program Issues for TV & Motion Pictures **Credit Hours: 3**
- RTV 4561C - Radio Production and Programming **Credit Hours: 3**
- RTV 4591C - Webcasting I **Credit Hours: 3**
- RTV 4700 - Regulation of Broadcasting **Credit Hours: 3**
- RTV 4800 - Broadcast Management **Credit Hours: 3**
- RTV 4906 Directed Independent Study
- RTV 4941 Internship

MMO Group B Electives Select from the following: (6 Credit Hours)

- ADV 3008 - Principles of Advertising **Credit Hours: 3**

- COM 4110 - Business and Professional Communication **Credit Hours: 3**
- MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**
- RTV 4503 - Sports Programming in Electronic Media **Credit Hours: 3**

Capstone Requirements

- Production Track: RTV 4544 - Media Production Capstone **Credit Hours: 4**
- Media Management and Operations Track; None

Electives

- Select primarily from upper level courses, with school advisor's approval. Must be from outside of the Department of Film and Mass Media in order to not exceed the 48 credit hour cap. The majority of electives should be taken in the Liberal Arts and Sciences to comply with the 54 hour Liberal Arts requirement.

Foreign Language Requirements

Admissions

- Met by graduation 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.

Additional Requirements

- None

Required Minors

- Radio-Television majors must complete a minor of at least 18 hours in an academic area outside the Mass Media programs (R-TV and JOUR).
- The following minors are suggested to complement the R-TV major, but any minor except those in the Mass Media programs (R-TV & JOUR), 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
- 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

- 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.)

Certificates

- None

Related Minors

- NOTE: Minors taught within the Nicholson School of Communication and Media are not open to R-TV majors.
- Digital Media Minor
- Film, Cinema Studies Minor
- Marketing Minor
- Theatre Minor

Advising Notes

- None

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.

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/academiclearningcompacts.html>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study R-TV Production

- This is one of numerous possible plans of study to complete the R-TV Production track. See program description for all requirements.
- Consult a school advisor for alternate, new, or more appropriate selections.
- Consult the school for detailed plans of study for each specialization.
- Use your Pegasus Path planning tool in your myUCF portal to plan your courses through to graduation.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1120) **Credit Hours: 4**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**

or

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**

Freshman Year - Summer (6 Credits)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

Apply for admission by Feb 1

- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**
- RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

If admitted, take...

- RTV 3576C - Principles of Post Production **Credit Hours: 3**
- RTV 3531 - Principles of Videography **Credit Hours: 3**
- RTV 2100 - Writing for the Electronic Media **Credit Hours: 3**
- Elective-minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- RTV 3543 - Principles of Studio Production **Credit Hours: 4**
- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**

Junior Year - Summer (2 Credit Hours)

- Restricted Elective-**Credit Hours: 2**

Senior Year - Fall (15 Credit Hours)

- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside NSC **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- RTV 4544 - Media Production Capstone **Credit Hours: 4**
- Restricted Elective **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Plan of Study R-TV Media Management & Operations

- This is one of numerous possible plans of study to complete the R-TV Media Management &

Operations track. See program description for all requirements.

- Consult a school advisor for alternate, new, or more appropriate selections.
- Consult the school for detailed plans of study for each specialization.
- Although most classes are listed as being taken during the academic year, you may be required to complete 9 hours of them during the Summer. Consult with an advisor to determine if you are exempt.

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1120) **Credit Hours: 4**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
or
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language (XXX1121) **Credit Hours: 4**

Freshman Year - Summer (6 Credits)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

Sophomore Year - Spring (15 Credit Hours)

- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**
- RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- RTV 2100 - Writing for the Electronic Media **Credit Hours: 3**
- MMC 3420 - Mass Media Research Methods **Credit Hours: 3**
- Restricted Elective - Group B **Credit Hours: 3** (Recommend ADV 3008 - Principles of Advertising)
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- RTV 3531 - Principles of Videography **Credit Hours: 3**
- RTV 3576C - Principles of Post Production **Credit Hours: 3**
- Restricted Elective - Group A **Credit Hours: 3**
- Restricted Elective - Group A **Credit Hours: 1** (Recommend RTV3942 Practicum)
- Elective-Minor **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Restricted Elective - Group A **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- Restricted Elective - Group A **Credit Hours: 3**
- Restricted Elective - Group B **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside of NSC **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Restricted Elective - Group A **Credit Hours: 3**
- Restricted Elective - Group A **Credit Hours: 3**
- Elective-Minor **Credit Hours: 3**
- Elective-take outside NSC **Credit Hours: 3**

Minor

Human Communication Minor

Nicholson School of Communication and Media
UnionWest at Creative Building (UCF Downtown)
<https://communication.ucf.edu/>

Dr. Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements

- Not open to Ad-PR, Communication & Conflict, Human Communication, Journalism, or Radio-TV majors.

Minor Requirements

- A minimum average GPA of 2.0 is required in 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 Nicholson School of Communication and Media.

Prerequisite Courses

- Students must satisfy course prerequisites before enrolling.

Required Courses (12 Credit Hours)

- COM 3011C - Communication and Human Relations **Credit Hours: 3**
- COM 3311 - Communication Research Methods **Credit Hours: 3**
- COM 4120 - Organizational Communication **Credit Hours: 3**
- SPC 3301 - Interpersonal Communication **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select from the following courses:

- 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 4110 - Business and Professional Communication **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**
- SPC 3445 - Leadership Through Oral Communication **Credit Hours: 3**
- SPC 4513C - Argumentation and Debate **Credit Hours: 3**
- SPC 4331 - Nonverbal Communication **Credit Hours: 3**

- SPC 4426 - Group Dynamics **Credit Hours: 3**
- SPC 4540 - Persuasion and Communication **Credit Hours: 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.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, co-op, or independent study credit can be used toward this minor with prior approval.

Intercultural Communication Minor

Nicholson School of Communication and Media
<https://communication.ucf.edu/>

Dr. Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

Admission Requirements

- None

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.

Required Courses

6 hours

- COM 4461 - Intercultural Communication **Credit Hours: 3**
- COM 4934C - Topics in Intercultural Communication **Credit Hours: 3**

Specialization A: Study Abroad (12 hours)

Complete 9 hours of approved NSCM study abroad courses and an additional 3 hours of international-focused coursework from the following. The remaining 3 hours can also be completed with an additional, approved NSCM study abroad course.

- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- COM 4014 - Gender Issues in Communication **Credit Hours: 3**
- COM 4563 - Principles of Social Innovation and Activism **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**

- FIL 3842 - International Cinema **Credit Hours: 3**
- FIL 3845 - World Cinema Traditions **Credit Hours: 3**
- MMC 4300 - International Media **Credit Hours: 3**
- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- SYO 4323 - Community and Diversity **Credit Hours: 3**
- SYP 4454 - Global Inequality and Society **Credit Hours: 3**
- WST 3460 - Women, Race and Struggle **Credit Hours: 3**

Specialization B: Study Local (12 hours)

Choose from the following (3 hours)

- COM 4903H Honors Directed Reading I
- COM 4912 Research
- COM 4941 Domestic Internship
- COM 4945 - Domestic Practicum **Credit Hours:**
- COM 4970H Honors Undergraduate Thesis
- 3 hours of approved NSCM study abroad courses

Choose from the following (9 hours)

No more than 6 hours can be taken from the same department.

- ANT 3241 - Magic, Ritual, and Belief **Credit Hours: 3**
- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- ANT 3610 - Language and Culture **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4702 - Culture, Inequality and Global Development **Credit Hours: 3**
- COM 4014 - Gender Issues in Communication **Credit Hours: 3**
- COM 4563 - Principles of Social Innovation and Activism **Credit Hours: 3**
- FIL 3831 - Black Cinema **Credit Hours: 3**

- FIL 3842 - International Cinema **Credit Hours: 3**
- FIL 3845 - World Cinema Traditions **Credit Hours: 3**
- MMC 4300 - International Media **Credit Hours: 3**
- RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- SYO 4323 - Community and Diversity **Credit Hours: 3**
- SYP 4454 - Global Inequality and Society **Credit Hours: 3**
- WST 3460 - Women, Race and Struggle **Credit Hours: 3**

Additional courses can be taken as approved by an advisor.

Foreign Language Requirements

- None

Total Semester Hours Required

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.)

Journalism Studies Minor

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Lance Speere
lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

Admission Requirements

- Not open to Ad/PR, Journalism, or Radio-TV majors

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.

Required Courses (3 Credit Hours)

- JOU 3004 - History of American Journalism
Credit Hours: 3

Restricted Electives (15 Credit Hours)

Select from the following:

- JOU 3015 - Principles of Journalism **Credit Hours: 3**
- JOU 3301 - Journalism Readings **Credit Hours: 3**

- JOU 3510 - Magazine Publishing **Credit Hours: 3**
 - JOU 4700 - Journalism Ethics **Credit Hours: 3**
 - MMC 2004 - Mass Media **Credit Hours: 3**
 - MMC 3200 - Mass Communication Law **Credit Hours: 3**
 - MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**
 - MMC 4300 - International Media **Credit Hours: 3**
 - VIC 3001 - Visual Communication **Credit Hours: 3**
- Additional restricted electives can be taken as approved by an advisor.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.

Magazine Journalism Minor

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Lance Speere
lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

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.

Required Courses (9 Credit Hours)

- JOU 2100C - News Reporting **Credit Hours: 3**
- JOU 3510 - Magazine Publishing **Credit Hours: 3**
- JOU 4447 - Magazine Editing and Production **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select from the following: (9 Credit Hours)

- ENC 3310 - Magazine Writing I **Credit Hours: 3**
 - JOU 3310 - Social Media Writing for Magazines **Credit Hours: 3**
 - JOU 3201 - Editing I **Credit Hours: 3**
 - JOU 4213C - Page Design **Credit Hours: 3**
 - JOU 4300 - Feature Writing **Credit Hours: 3**
 - JOU 4340C - Online Journalism I **Credit Hours: 3**
- Additional restricted electives can be taken as approved by an advisor.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours
Required: 18

Other Requirements

- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.

Strategic Communication Minor

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Dr. Deanna Sellnow
deanna.sellnow@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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.

Admission Requirements

- Not open to Advertising/Public Relations, Communication & Conflict, Human Communication, Journalism, or Radio-TV majors.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below a "C" (2.0) in lower level courses are not counted in 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.

Required Courses (12 Credit Hours)

- COM 3311 - Communication Research Methods **Credit Hours: 3**
- 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 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 Minor 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 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 Credit Hours)

Select from the following courses:

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
- COM 3802 - Principles of Communication & Conflict **Credit Hours: 3**
- COM 4022 - Principles of Health Communication **Credit Hours: 3**
- COM 4110 - Business and Professional Communication **Credit Hours: 3**
- COM 4120 - Organizational Communication **Credit Hours: 3**
- COM 4462 - Conflict Management **Credit Hours: 3**
- MMC 3200 - Mass Communication Law **Credit Hours: 3**
- MMC 3200H - Honors Mass Communication Law **Credit Hours: 3**
- MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
- PUR 3210 - Communication Approach to Corporate Social Responsibility **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**
- PUR 4000H - Honors Public Relations **Credit Hours: 3**
- PUR 4014 - Preparing for Public Relations Certification **Credit Hours: 3**
- PUR 4801 - Public Relations Case Studies **Credit Hours: 3**

- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**
- SPC 4540 - Persuasion and Communication **Credit Hours: 3**
- VIC 3001 - Visual Communication **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours

Required: 21

Other Requirements

- Internship, co-op, or independent study credit can be used toward this minor with prior approval.

Certificate

Health Communication Certificate

Nicholson School of Communication and Media
UnionWest at Creative Building (UCF Downtown)
<https://communication.ucf.edu/>

Nicholson Academic Student Services Center (NASSC)
Email: nassc@ucf.edu
Phone: 407-823-2681

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.

Required Courses (12 Credit Hours)

- COM 4022 - Principles of Health Communication **Credit Hours: 3**
- COM 4550 - Public Communication Campaigns **Credit Hours: 3**
- MMC 2004 - Mass Media **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Choose from the following: (3 Credit Hours)

- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
 - ANT 4462 - Medical Anthropology **Credit Hours: 3**
 - COM 3330 - Computer Mediated Communication **Credit Hours: 3**
 - COM 4120 - Organizational Communication **Credit Hours: 3**
 - HSA 3012 - Issues & Trends in Public Health **Credit Hours: 3**
 - HSA 3111 - U.S. Health Care Systems **Credit Hours: 3**
 - HSC 4201 - Community Health **Credit Hours: 3**
 - RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**
 - SPC 4540 - Persuasion and Communication **Credit Hours: 3**
- 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 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

**Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>**

Nicholson Academic Student Services Center (NASSC)
nasse@ucf.edu
Phone: 407-823-2681

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.

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.)

Strategic Communication Certificate

**Nicholson School of Communication and Media
NSCM, Room: 238**
<https://communication.ucf.edu/>

Dr. Deanna Sellnow
deanna.sellnow@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

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 skillsets for the
achievement of communication goals.

Admission Requirements

- None
- Not open to Advertising/Public Relations,
Communication & Conflict, Human
Communication, Journalism, or Radio-TV
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)

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
or
- PUR 4000 - Public Relations **Credit Hours: 3**
- COM 3311 - Communication Research Methods **Credit Hours: 3**
- COM 4022 - Principles of Health Communication **Credit Hours: 3**
or
- SPC 4540 - Persuasion and Communication **Credit Hours: 3**
- PUR 4400 - Crisis 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
- COM 4970H Honors Undergraduate Thesis
- PUR 3912 - Collaborative Experiential Research Practicum **Credit Hours: 3**
- 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

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Internship, co-op, or independent study credit can be used toward this certificate with prior approval.

Department of Games and Interactive Media

Assistant Director: Natalie Underberg-Goode
OTC 5155

<https://communication.ucf.edu/games-and-interactive-media/>

Advising: Nicholson Academic Student Services Center (NASSC)

NSC 143; 407-823-2681

Email: nassc@ucf.edu

The Department of Games and Interactive Media offers a mix of art, storytelling, design and technology. Digital Media degrees explore creative expression through digital media platforms such as video games and the World Wide Web, interactive design and programming, narrative techniques for digital storytelling, and new media business models. Students acquire a highly marketable body of knowledge leading to solid careers in industry or in creative research.

The Digital Media B.A. 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. Students will choose between two tracks: Game Design and Web and Social Platforms.

Graduate Programs

The Department of Games and Interactive Media also offers a master's arts degree in Digital Media with a focus on Visual Language and Interactive Media. In addition, the NSCM offers a master of science degree in Interactive Entertainment through the Florida Interactive Entertainment Academy (FIEA). For more information about these programs, please refer to the Graduate Catalog.

Major

Digital Media (B.A.)

College of Arts and Humanities
Nicholson School of Communication and Media, Union
West

<http://communication.ucf.edu>

Email: nasse@ucf.edu

Phone: 407-823-2681

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. The program is administered through the Department of Game and Interactive Media (GaIM) in the Nicholson School of Communication and Media (NSCM) with the College of Arts and Humanities. 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.

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 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 Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

Take all of the following: (9 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3** (Required) and
- ARH 2051 - History of Western Art II **Credit Hours: 3** (Suggested) and
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** (Suggested)

Mathematical Foundations (6 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3** (Required) ¹
- ¹ May substitute more advanced version
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (12 Credit Hours)

- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3** (GEP)
- MAC 1105C - College Algebra **Credit Hours: 3** (GEP)
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)

Core Requirements: Basic Level Design Core (6 Credit Hours)

Select Two

- DIG 2783 - Fundamentals of Game Art **Credit Hours: 3**¹ or
¹ suggested for Game Design Track
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3** or
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3** or
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3** or
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**²
² ART 2300C is a prerequisite and must be taken first

Core Requirements: Advanced Level

Game Design (45 Credit Hours)

Game Design Advanced Core (27 Credit Hours)

- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3** and

- DIG 3043 - Evolution of Video Games **Credit Hours: 3** and
- DIG 3480 - Computer as a Medium **Credit Hours: 3** and
- DIG 4630 - Creative Industries **Credit Hours: 3** and
- DIG 3728C - Game Testing **Credit Hours: 3** and
- DIG 4713 - Game Design **Credit Hours: 3** and
- DIG 4715C - Game Production **Credit Hours: 3** and
- DIG 4720C - Casual Game Production **Credit Hours: 3** and
- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3**

Select One

- DIG 4595 - Portfolio Development **Credit Hours: 3** or
- DIG 4941 - Internship **Credit Hours: 3**

Game Design: Restricted Electives (15 Credit Hours)

Take 9 credit hours from the list below:

- DIG 4295C - Game Optimization & Performance **Credit Hours: 3** or
- DIG 3727C - Game Level Design **Credit Hours: 3** or
- DIG 3602C - Physical Computing **Credit Hours: 3** or
- DIG 4324C - Modeling for Realtime Systems II **Credit Hours: 3** or
- DIG 4778C - Game Design Tools & Plugins **Credit Hours: 3** or
- DIG 4138 - Digital Sculpting **Credit Hours: 3** or
- DIG 4633C - Multi-Modal Design **Credit Hours: 3** or
- DIG 4294C - Post-Production Game FX **Credit Hours: 3** or
- DIG 4813 - Contemporary Topics in Digital Media **Credit Hours: 3** and
Complete 6 hrs. of 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 (45 Credit Hours)

Web and Social Platforms Advanced Core (33 Credit Hours)

- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3** and
- DIG 3134C - Server-Side Scripting **Credit Hours: 3** and
- DIG 3146 - Social Platforms **Credit Hours: 3** and
- DIG 3174C - Front-End Web Design **Credit Hours: 3** and
- DIG 3175 - Design for Accessibility and Engagement **Credit Hours: 3** and
- DIG 3525 - Digital Media Production I **Credit Hours: 3** and
- DIG 3716C - Client-Side Scripting **Credit Hours: 3** and
- DIG 3811 - User-Centered Design **Credit Hours: 3** and
- DIG 4503C - Rapid Application Web Development **Credit Hours: 3** and
- DIG 4630 - Creative Industries **Credit Hours: 3** and
- DIG 4639C - Mobile Development **Credit Hours: 3**

Web and Social Platforms Restricted Electives (12 Credit Hours)

- Complete 12 hrs of 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.

Restricted Electives

- None

Capstone Requirements

- **Game Design Capstone (6 Credit Hours)**
- DIG 4725C - Game Design Workshop I **Credit Hours: 3**

- DIG 4726C - Game Design Workshop II **Credit Hours: 3**
- **Web and Social Platforms Capstone (6 Credit Hours)**
- DIG 4104C - Web Design Workshop I **Credit Hours: 3**
- DIG 4172C - Web Design Workshop II **Credit Hours: 3**

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. Standardized examinations for foreign languages may be used to meet the requirement.

Electives

- Electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, the Nicholson School of Communication, Computer Science, etc. as approved by the School.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s): **Game Design**
- DIG 4725C - Game Design Workshop I **Credit Hours: 3**
- DIG 4726C - Game Design Workshop II **Credit Hours: 3**
- **Web and Social Platforms**
- DIG 4104C - Web Design Workshop I **Credit Hours: 3**
- DIG 4172C - Web Design Workshop II **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a "C" (2.0) GPA in all major requirements

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

- 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.)

Certificates

- None

Related Minors

- 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.

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: \$16.50 per term
- Full-Time Student: \$33 per term

Plan of Study

Game Design

Freshman Year - Fall (15 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- DIG 2783 - Fundamentals of Game Art **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**

Sophomore Year - Spring (16 Credit Hours)

- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3**
- DIG 3043 - Evolution of Video Games **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Basic Level Design Core **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- DIG 4713 - Game Design **Credit Hours: 3**
- DIG 3480 - Computer as a Medium **Credit Hours: 3**
- DIG 4630 - Creative Industries **Credit Hours: 3**
- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- DIG 4715C - Game Production **Credit Hours: 3**
- DIG 3728C - Game Testing **Credit Hours: 3**
- Game Design Restricted Elective **Credit Hours: 3**
- Additional Restricted Elective **Credit Hours: 3**
GEP **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- DIG 4720C - Casual Game Production **Credit Hours: 3**
- DIG 4725C - Game Design Workshop I **Credit Hours: 3**
- Game Design Restricted Elective **Credit Hours: 3**
- Additional Restricted Elective **Credit Hours: 3**

Senior Year - Spring (16 Credit Hours)

- DIG 4726C - Game Design Workshop II **Credit Hours: 3**
- Game Design Restricted Elective **Credit Hours: 3**
- DIG 4941 - Internship or DIG 4595 - Portfolio Development **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Web Design

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**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Basic Level Design Core **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- Basic Level Design Core **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**

Sophomore Year - Spring (16 Credit Hours)

- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3**
- DIG 3716C - Client-Side Scripting **Credit Hours: 3**
- DIG 3174C - Front-End Web Design **Credit Hours: 3**
- DIG 3146 - Social Platforms **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- DIG 3134C - Server-Side Scripting **Credit Hours: 3**
- DIG 3525 - Digital Media Production I **Credit Hours: 3**
- Digital Media Restricted Elective **Credit Hours: 3**

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- DIG 3811 - User-Centered Design **Credit Hours: 3**
- DIG 4630 - Creative Industries **Credit Hours: 3**
- DIG 4639C - Mobile Development **Credit Hours: 3**
- Digital Media Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- DIG 4104C - Web Design Workshop I **Credit Hours: 3**
- DIG 3175 - Design for Accessibility and Engagement **Credit Hours: 3**
- Digital Media Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- DIG 4172C - Web Design Workshop II **Credit Hours: 3**
- DIG 4503C - Rapid Application Web Development **Credit Hours: 3**
- Digital Media Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Minor

Digital Media Minor

College of Arts and Humanities
 Nicholson School of Communication and Media, Union West
<https://communication.ucf.edu/>
 Email: nassc@ucf.edu

Phone: 407-823-2681

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (12 Credit Hours)

- DIG 2000 - Introduction to Digital Media **Credit Hours: 3** and
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3** and
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3** and
- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Select two courses:

- DIG 3003 - Adventures in Emerging Media **Credit Hours: 3** or
- DIG 3024 - Digital Cultures & Narrative **Credit Hours: 3** or
- DIG 3043 - Evolution of Video Games **Credit Hours: 3** or
- DIG 3134C - Server-Side Scripting **Credit Hours: 3** or
- DIG 3480 - Computer as a Medium **Credit Hours: 3** or
- DIG 3525 - Digital Media Production I **Credit Hours: 3** or
- DIG 3563 - Information Management and Entrepreneurship **Credit Hours: 3** or
- DIG 3716C - Client-Side Scripting **Credit Hours: 3** or
- DIG 3811 - User-Centered Design **Credit Hours: 3** or

- DIG 4630 - Creative Industries **Credit Hours: 3** or
- DIG 4713 - Game Design **Credit Hours: 3** or
- DIG 4780C - Modeling for Realtime Systems **Credit Hours: 3** or
- FIL 4040 - Animation Film History for Non Film Majors **Credit Hours: 3** or
- Any 3000 or 4000 level courses approved by the Nicholson School of Communication and Media.

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, 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.

Department of Film and Mass Media

Assistant Director: Will Kinnally

NSC 130H; 407-823-5511

<https://communication.ucf.edu/film-and-mass-media/>

Advising: Nicholson Academic Student Services Center (NASSC)

NSC 143; 407-823-2681

Email: nassc@ucf.edu

The Film and Mass Media department offers four undergraduate degrees and several minors and certificate programs. The bachelor's degrees are:

1. **Film B.A.:** This degree provides a broad and in-depth knowledge of film theory, history, and criticism with an emphasis on the aesthetics, styles and forms of film. The first two years of the program provide students with a general background and introduction. In the second two years, the program concentrates on the analysis of specific film practices such as editing, color, sound, staging, cinematography, narrative form and theoretical and historical perspectives.
2. **Film B.F.A.:** The bachelor of fine arts is a limited access program that requires an application and creative portfolio and is usually submitted in December each year for admission in the following fall term. This program emphasizes authorship in film production to empower graduates for lifelong success in a variety of filmmaking and screenwriting modalities. Working with a diverse faculty in an intensive tutorial environment, students author original works, collaborate with a creative team, and develop their personal voice. Graduates will leave equipped with a broad array of skills to compete in the film industry or continue their studies in graduate school.
3. **Journalism B.A.:** The journalism degree provides knowledge of theory and skills needed for careers as a mobile and digital journalist (newspapers, magazines, broadcast, and online forms of mass communication). Graduates learn to write, edit and visually tell news stories through a variety of digital, broadcast and print platforms.
4. **Radio-Television B.A.:** This program provides knowledge of theory and skills needed for careers in the field broadly defined as radio-television, including content creation, media production, media management and programming/promotions in a broadcast, online, or corporate environment. Graduates are prepared for careers in videography, producing, directing and managing broadcast and electronic media properties.

Facilities

The Nicholson School of Communication and Media building provides a superior teaching/learning facility, including multi-media instructional classrooms. The Radio-Television program has fully-equipped HD audio and video production facility, a complete multi-camera television studio, an online radio station and laboratories for interactive multimedia. The Journalism program has computer labs and a digital newsroom.

Graduate Programs

The Department of Film and Mass Media also offers a master's of fine arts degree in Entrepreneurial Digital Cinema. For more information about this program, please refer to the Graduate Catalog.

Major

Film (B.A.)

College of Arts and Humanities

Nicholson School of Communication and Media, Room: 238

<https://communication.ucf.edu/>

Email: nassc@ucf.edu

Phone: 407-823-2681

Admission Requirements

- None

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 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

- FIL 1000 - Cinema Survey **Credit Hours: 3** (Preferred)
- Prefer one course from Cultural & Historical Foundation, Area 2 **Credit Hours: 3**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Suggested)

Mathematical Foundations (6 Credit Hours)

Math (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3**¹ (Suggested) or
¹ May substitute a higher level math.
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** (Suggested) or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam. **Credit Hours: 3**

Statistics-Computers (3 Credit Hours)

- Select a course from Mathematical Foundation, Area 2 list **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)
- Suggested one course from Social Foundation, Area 2 **Credit Hours: 3**

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (6 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- FIL 1007 - Foundations of Story **Credit Hours: 3**¹

¹ See Transfer Notes for possible substitutes

Core Requirements: Basic Level (18 Credit Hours)

- FIL 1008 - Cinematic Expression I **Credit Hours: 3** and
- FIL 2107 - Script Analysis **Credit Hours: 3** and
- FIL 2424 - Introduction to Film Production **Credit Hours: 3** and
- FIL 2461C - Cinematography I **Credit Hours: 3** and
- FIL 2534 - Sound Design for Film I **Credit Hours: 3** and
- FIL 2552 - Editing I **Credit Hours: 3**

Core Requirements: Advanced Level (6 Credit Hours)

- FIL 3803C - Film Theory and Criticism I **Credit Hours: 3** and
- FIL 3401 - Research Methods for Filmmakers **Credit Hours: 3**

Restricted Electives (33 Credit Hours)

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 (15 Credit Hours)

Select five courses from the following upper level FIL courses:

Select one:

- FIL 3036 - Film History I **Credit Hours: 3** or
- FIL 3037 - Film History II **Credit Hours: 3** or
- FIL 3051 - Avant-Garde Cinema **Credit Hours: 3** or
- FIL 3363C - Film Documentary **Credit Hours: 3**

Select four:

Each semester, additional courses may satisfy this requirement. Check with an advisor for details.

- FIL 3006 - Art of the Cinema **Credit Hours: 3** or
- FIL 3036 - Film History I **Credit Hours: 3** or
- FIL 3037 - Film History II **Credit Hours: 3** or
- FIL 3051 - Avant-Garde Cinema **Credit Hours: 3** or
- FIL 3363C - Film Documentary **Credit Hours: 3** or
- FIL 3462C - Cinematic Expression II **Credit Hours: 3** or
- FIL 3804C - Film Theory and Criticism II **Credit Hours: 3** or
- FIL 3850 - Cinema Directors **Credit Hours: 3** or
- FIL 3870C - Music, Natural Sounds and Dialogue in Film **Credit Hours: 3** or
- FIL 3871 - The American Film Artist **Credit Hours: 3**¹ or
- FIL 3880C - Images of Women in Film **Credit Hours: 3** or
- FIL 4453C - Special Problems in Film Design **Credit Hours: 4** or
- FIL 4830 - Motion Picture Genre **Credit Hours: 3**¹ or
- FIL 4906 - Directed Independent Study **Credit Hours: 3** or
- FIL 4941 - Internship **Credit Hours: VAR**

¹ Can be repeated for credit

Production (18 Credit Hours)

Select six courses from the following FIL courses:

Select one:

- FIL 2480 - Directing Techniques for Film **Credit Hours: 3** or
- FIL 3102 - Writing for Film and TV **Credit Hours: 3**

Select five:

Each semester, additional courses may satisfy this requirement. Check with an advisor for details.

- FIL 2480 - Directing Techniques for Film **Credit Hours: 3** or
- FIL 2481 - Directing the Actor for Film I **Credit Hours: 3** or

- FIL 3102 - Writing for Film and TV **Credit Hours: 3** or
- FIL 3115 - Short Script I **Credit Hours: 3** or
- FIL 3132 - Short Script II **Credit Hours: 3** or
- FIL 4436 - Film Theory/Film Production **Credit Hours: 3** or
- FIL 4472C - Cinematography II **Credit Hours: 3** or
- FIL 4535C - Sound Design for Film II **Credit Hours: 3** or
- FIL 4566C - Editing II **Credit Hours: 3** or
- FIL 4647 - Film Production Management **Credit Hours: 3** or
- FIL 4661 - The Film Producer **Credit Hours: 3** or
- FIL 4427C - Film Production Workshop **Credit Hours: 3** (can be repeated for credit) or
- FIL 4439C - Micro-Process Production **Credit Hours: 3** (can be repeated for credit) or
- FIL 4906 - Directed Independent Study **Credit Hours: VAR** or
- FIL 4941 - Internship **Credit Hours: VAR**

Capstone Requirements

- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**

Electives

- Select primarily from upper level courses within the Nicholson School of Communication and Media after meeting with a departmental advisor.

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.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**

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
- 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

Acceptable Substitutes for Common Program Prerequisites

- FIL 2030 - History of Motion Pictures **Credit Hours: 3** may substitute for FIL 1000, but FIL 2030 is a prerequisite for subsequent Film courses and still must be taken
- FIL 1007 - Foundations of Story **Credit Hours: 3** may use any introductory film writing course. However, FIL 1007 is a prerequisite for other major courses and must be taken

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, Visual Arts and Emerging Media Management Track (B.A.)
- Music (B.A.)
- Theatre Studies (B.A.)
- Radio - Television (B.A.)
- English, Creative Writing (B.A.)
- Film (B.F.A.)

Certificates

- None

Related Minors

- Art History Minor
- Art - Studio Minor
- Digital Media Minor
- English, Creative Writing Minor
- Music Minor
- Philosophy 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

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: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

- A minor is required. This Plan of Study includes 18 credit hours for a minor. Please check the requirements for a desired minor as more coursework may be required.

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- GEP **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**
- FIL 1007 - Foundations of Story **Credit Hours: 3**
- FIL 1008 - Cinematic Expression I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Freshman Year - Summer (3 Credit Hours)

- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- FIL 2552 - Editing I **Credit Hours: 3**
- FIL 2424 - Introduction to Film Production **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- FIL 2107 - Script Analysis **Credit Hours: 3**
- FIL 2461C - Cinematography I **Credit Hours: 3**
- FIL 2534 - Sound Design for Film I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- FIL 3803C - Film Theory and Criticism I **Credit Hours: 3**
- Cinema Studies Restricted Elective I **Credit Hours: 3**
- Production Restricted Elective I **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- FIL 3401 - Research Methods for Filmmakers **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- Production Restricted Elective II **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**

Film (B.F.A.)

College of Arts and Humanities

Nicholson School of Communication and Media, Room: 238

<https://communication.ucf.edu/>

Email: nassc@ucf.edu

Phone: 407-823-2681

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.

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 Nicholson School of Communication and Media Film Program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education Program (GEP) (36 Credit Hours)

See Transfer Notes for possible substitutions.

Communication Foundations (9 Credit Hours)

Cultural and Historical Foundations (9 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (Suggested)
- FIL 1000 - Cinema Survey **Credit Hours: 3** (Preferred)
- Prefer one course from either Cultural & Historical Foundation, Area 2 list **Credit Hours: 3**

Mathematical Foundations (6 Credit Hours)

Math (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** (Suggested) or

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3** or
- You may substitute a higher level math with appropriate scores on the Math Placement Exam. **Credit Hours: 3**

Statistics-Computers (3 Credit Hours)

- Select a course from GEP Mathematical Foundation, Area 2 **Credit Hours: 3**

Social Foundations (6 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3** (Suggested)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP) (6 Credit Hours)

- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- FIL 1007 - Foundations of Story **Credit Hours: 3**¹

¹ See transfer notes for possible substitutions.

Core Requirements: Basic Level (18 Credit Hours)

- FIL 1008 - Cinematic Expression I **Credit Hours: 3** and
- FIL 2107 - Script Analysis **Credit Hours: 3** and
- FIL 2552 - Editing I **Credit Hours: 3** and
- FIL 2461C - Cinematography I **Credit Hours: 3** and
- FIL 2424 - Introduction to Film Production **Credit Hours: 3** and
- FIL 2534 - Sound Design for Film I **Credit Hours: 3**

Core Requirements: Advanced Level (6 Credit Hours)

- FIL 3401 - Research Methods for Filmmakers **Credit Hours: 3** and

- FIL 3803C - Film Theory and Criticism I **Credit Hours: 3**

Restricted Electives (42 Credit Hours)

- 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 (12 Credit Hours)

Select one:

- FIL 3036 - Film History I **Credit Hours: 3** or
- FIL 3037 - Film History II **Credit Hours: 3** or
- FIL 3051 - Avant-Garde Cinema **Credit Hours: 3** or
- FIL 3363C - Film Documentary **Credit Hours: 3**

Select three:

- FIL 3006 - Art of the Cinema **Credit Hours: 3** or
- FIL 3036 - Film History I **Credit Hours: 3** or
- FIL 3037 - Film History II **Credit Hours: 3** or
- FIL 3051 - Avant-Garde Cinema **Credit Hours: 3** or
- FIL 3363C - Film Documentary **Credit Hours: 3** or
- FIL 3462C - Cinematic Expression II **Credit Hours: 3** or
- FIL 3804C - Film Theory and Criticism II **Credit Hours: 3** or
- FIL 3850 - Cinema Directors **Credit Hours: 3** or
- FIL 3870C - Music, Natural Sounds and Dialogue in Film **Credit Hours: 3** or
- FIL 3871 - The American Film Artist **Credit Hours: 3**¹ or
- FIL 3880C - Images of Women in Film **Credit Hours: 3** or
- FIL 4453C - Special Problems in Film Design **Credit Hours: 4** or
- FIL 4602 - Film Business **Credit Hours: 3** or
- FIL 4615C - Film Marketing and Exhibition **Credit Hours: 3** or
- FIL 4830 - Motion Picture Genre **Credit Hours: 3**¹ or
- FIL 4906 - Directed Independent Study **Credit Hours: VAR** or
- FIL 4941 - Internship **Credit Hours VAR**

¹ Can be repeated for credit

Production (18 Credit Hours)

- Select six courses from the following FIL courses:
Select one:
- FIL 2480 - Directing Techniques for Film **Credit Hours: 3** or
- FIL 3102 - Writing for Film and TV **Credit Hours: 3**
Select five:
- Each semester, additional courses may satisfy this requirement. Check with an advisor for details.
- FIL 2480 - Directing Techniques for Film **Credit Hours: 3** or
- FIL 2481 - Directing the Actor for Film I **Credit Hours: 3** or
- FIL 3102 - Writing for Film and TV **Credit Hours: 3** or
- FIL 3115 - Short Script I **Credit Hours: 3** or
- FIL 3132 - Short Script II **Credit Hours: 3** or
- FIL 3483 - Directing the Actor for Film II **Credit Hours: 3** or
- FIL 4436 - Film Theory/Film Production **Credit Hours: 3**¹ or
- FIL 4451 - Design for Film **Credit Hours: 3** or
- FIL 4472C - Cinematography II **Credit Hours: 3** or
- FIL 4535C - Sound Design for Film II **Credit Hours: 3** or
- FIL 4566C - Editing II **Credit Hours: 3** or
- FIL 4647 - Film Production Management **Credit Hours: 3** or
- FIL 4661 - The Film Producer **Credit Hours: 3** or
- FIL 4427C - Film Production Workshop **Credit Hours: 3**¹ or
- FIL 4439C - Micro-Process Production **Credit Hours: 3**¹ or
- FIL 4906 - Directed Independent Study **Credit Hours: VAR** or
- FIL 4941 - Internship **Credit Hours: VAR**

¹ Can be repeated for credit

Studio (12 Credit Hours)

Studio electives are repeatable

Select two:

- FIL 4162C - Feature/TV Writing I **Credit Hours: 3** or
- FIL 4301C - Documentary Production I **Credit Hours: 3** or
- FIL 4428C - Narrative Production I **Credit Hours: 3** or
- FIL 4876C - Experimental Cinema I **Credit Hours: 3**
Select two:
- FIL 4163C - Feature/TV Writing II **Credit Hours: 3** or
- FIL 4302C - Documentary Production II **Credit Hours: 3** or
- FIL 4437C - Narrative Production II **Credit Hours: 3** or
- FIL 4877C - Experimental Cinema II **Credit Hours: 3**

Capstone Requirements (6 Credit Hours)

- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**
- FIL 4573C - Capstone II - Exhibition and Seminar **Credit Hours: 3**

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 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.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**
- FIL 4573C - Capstone II - Exhibition and Seminar **Credit Hours: 3**

Required Minors

- None

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
- 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

- Art, Studio Track (B.A.)
- Film (B.A.)
- English, Creative Writing (B.A.)
- Digital Media (B.A.)
- Music (B.A.)
- Theatre Studies (B.A.)
- Radio - Television (B.A.)

Certificates

- None

Related Minors

- Art - Studio Minor
- Film, Cinema Studies Minor
- English, Creative Writing Minor
- Digital Media Minor
- Music Minor
- Theatre 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 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

- FIL 1007 - Foundations of Story **Credit Hours: 3**
May use any introductory film writing course. However, FIL 1007 is a prerequisite for other major courses and must be taken

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- GEP **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**
- FIL 1007 - Foundations of Story **Credit Hours: 3**
- FIL 1008 - Cinematic Expression I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- FIL 2424 - Introduction to Film Production **Credit Hours: 3**
- FIL 2552 - Editing I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- FIL 2461C - Cinematography I **Credit Hours: 3**

- FIL 2534 - Sound Design for Film I **Credit Hours: 3**
- FIL 2107 - Script Analysis **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- FIL 3803C - Film Theory and Criticism I **Credit Hours: 3**
- Cinema Studies Restricted Elective I **Credit Hours: 3**
- Production Restricted Elective I **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Studio Restricted Elective I **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- FIL 3401 - Research Methods for Filmmakers **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Studio Restricted Elective I **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- FIL 4434C - Capstone I - The Professional Practice **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Production Restricted Elective II **Credit Hours: 3**
- Studio Restricted Elective II **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- FIL 4573C - Capstone II - Exhibition and Seminar **Credit Hours: 3**
- Studio Restricted Elective II **Credit Hours: 3**
- Cinema Studies Restricted Elective II **Credit Hours: 3**

- Cinema Studies Restricted Elective II **Credit Hours: 3**
- Elective **Credit Hours: 1**

Minor

Film, Cinema Studies Minor

College of Arts and Humanities

Nicholson School of Communication and Media, Room: 238

<https://communication.ucf.edu/>

Email: nasse@ucf.edu

Phone: 407-823-2681

Minor Admission Requirements

- Completion of a Minor Declaration form

Minor Requirements

- None

Prerequisite Courses

- None

Required Courses (6 Credit Hours)

- FIL 1000 - Cinema Survey **Credit Hours: 3** and
- FIL 2030 - History of Motion Pictures **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Choose Four:

- FIL 1007 - Foundations of Story **Credit Hours: 3** or
- FIL 1008 - Cinematic Expression I **Credit Hours: 3** or
- FIL 3006 - Art of the Cinema **Credit Hours: 3** or

- FIL 3036 - Film History I **Credit Hours: 3** or
- FIL 3037 - Film History II **Credit Hours: 3** or
- FIL 3051 - Avant-Garde Cinema **Credit Hours: 3** or
- FIL 3072C - Cinema in the 1940s and 1950s **Credit Hours: 3** or
- FIL 3073C - Cinema in the 1960s and 1970s **Credit Hours: 3** or
- FIL 3074C - Cinema 1980s to the Present **Credit Hours: 3** or
- FIL 3304C - Documentary Vision **Credit Hours: 3** or
- FIL 3307 - Docudrama **Credit Hours: 3** or
- FIL 3363C - Film Documentary **Credit Hours: 3** or
- FIL 3462C - Cinematic Expression II **Credit Hours: 3** or
- FIL 3826 - American Cinema **Credit Hours: 3** or
- FIL 3831 - Black Cinema **Credit Hours: 3** or
- FIL 3841 - French New Wave Cinema **Credit Hours: 3** or
- FIL 3842 - International Cinema **Credit Hours: 3** or
- FIL 3845 - World Cinema Traditions **Credit Hours: 3** or
- FIL 3847 - Latin American Cinema **Credit Hours: 3** or
- FIL 3850 - Cinema Directors **Credit Hours: 3** or
- FIL 3871 - The American Film Artist **Credit Hours: 3** or
- FIL 3880C - Images of Women in Film **Credit Hours: 3** or
- FIL 4057C - Hollywood Cinema **Credit Hours: 3** or
- FIL 4830 - Motion Picture Genre **Credit Hours: 3** or
- FIL 4647 - Film Production Management **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 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.

Mass Media Minor

Nicholson School of Communication and Media
NSCM, Room: 238
<https://communication.ucf.edu/>

Dr. Steven Collins
steven.collins@ucf.edu

Nicholson Academic Student Services Center (NASSC)
nassc@ucf.edu
Phone: 407-823-2681

Admission Requirements

- Not open to Journalism, Radio-TV, or Advertising/Public Relations majors.

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.

Required Courses (6 Credit Hours)

- MMC 2004 - Mass Media **Credit Hours: 3**
- RTV 3007 - Development and Structure of Electronic Media and New Technology **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Select from the following:

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
 - ADV 4103 - Radio-Television Advertising **Credit Hours: 3**
 - ADV 4300 - Advertising Media Planning **Credit Hours: 3**
 - FIL 2030 - History of Motion Pictures **Credit Hours: 3**
 - FIL 3006 - Art of the Cinema **Credit Hours: 3**
 - FIL 4830 - Motion Picture Genre **Credit Hours: 3**
 - JOU 3004 - History of American Journalism **Credit Hours: 3**
 - JOU 3015 - Principles of Journalism **Credit Hours: 3**
 - JOU 4700 - Journalism Ethics **Credit Hours: 3**
 - MMC 3200 - Mass Communication Law **Credit Hours: 3**
 - MMC 3630 - Social Media as Mass Communication **Credit Hours: 3**
 - MMC 4300 - International Media **Credit Hours: 3**
 - MMC 4602 - Contemporary Media Issues **Credit Hours: 3**
 - RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media **Credit Hours: 3**
 - RTV 4403 - Electronic Media, Technology, and Society **Credit Hours: 3**
 - RTV 4503 - Sports Programming in Electronic Media **Credit Hours: 3**
 - RTV 4700 - Regulation of Broadcasting **Credit Hours: 3**
- Additional restricted electives can be taken as approved by an advisor.

Foreign Language Requirements

- None

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.

Courses and Descriptions

ACG 2021 - Principles of Financial Accounting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Nature of accounting, financial statements, the accounting cycle, assets, current liabilities, long-term debt, and owner's equity; accounting for proprietorships and corporations. *Fall, Spring*

BA-ACCT

ACG 2021H - Honors Principles of Financial Accounting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C with a "C" (2.0) or better, and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Same as ACG 2021 with honors level content. *Occasional*

BA-ACCT

ACG 2071 - Principles of Managerial Accounting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ACG 2021 with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The purpose of this class is to thoroughly familiarize the student with the various uses of accounting

information for planning and control. *Fall, Spring*

BA-ACCT

ACG 3082 - Accounting For Non-Business Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Accounting and reporting from an investment and managerial decision making perspective. *Occasional*

BA-ACCT

ACG 3131 - Intermediate Financial Accounting I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Pre-Accounting or Pre-Finance major or Accounting minor & ACG 2021 & ACG 2071 each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Technical knowledge about accounting measurement and disclosure, as well as how financial statements are analyzed and interpreted by external users. *Fall, Spring*

BA-ACCT

ACG 3141 - Intermediate Financial Accounting II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG

3131 with a grade of "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Accounting theory and practice related to preparation, and interpretation of external financial statements. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 3173 - Accounting for Decision-Makers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Pre-Business (except Pre-Accounting) major & ACG 2021 & ACG 2071 each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores the use of financial statements and managerial accounting in support of business decisions. The tax environment on businesses is also explored. *Fall, Spring*

BA-ACCT

ACG 3361 - Cost Accounting I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of using accounting information for managerial planning, and control as well as in costing, and pricing decisions. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 3501 - Financial Accounting for Governmental and Nonprofit Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of financial accounting for governmental and nonprofit organizations. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 4401C - Accounting Information Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Manual and computer-based accounting information systems. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 4651 - Auditing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3141 and ACG 4401C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The standards, practices, and procedures followed in the audit function. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 4671 - Internal Auditing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3141 and ACG 4401C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of internal auditing and the use of internal auditing in organizational control. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 4803 - Advanced Issues in Financial Accounting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 3141 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced issues in financial accounting, including consolidations and IFRS. *Fall, Spring*

Kenneth G. Dixon School of Accounting

ACG 4840 - Accounting and Auditing Analytics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, Accounting major or minor, ACG 4401C and QMB 3555 with a

grade of "C" (2.0) or better.

This course develops the skill set needed to extract value from big data through advanced analytics and emerging technologies in an accounting, auditing, and tax environment. *Spring Fall*

Kenneth G. Dixon School of Accounting

ADE 4382 - Teaching Adult Learners in Technical Programs

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning for and teaching of adult learners in formal & informal career and technical education program settings. *Fall*

Department of Educational Leadership & Higher Education

ADV 3001 - Advertising Strategy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ADV 3008, and Ad-PR major or Strategic Communication minor. Corequisite(s): None.

Overview of the planning process to develop a successful strategic, persuasive communication plan such as an advertising, integrated marketing communications or social marketing campaign. *Fall*

Department of Communication (NSCM)

ADV 3008 - Principles of Advertising

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPC 1608, or SPC 1603C, or COM 1000.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of the field of advertising; purposes, techniques, the role of agencies, advertisers and the media. *Fall, Spring*

COS-COMM

ADV 3912 - Collaborative Experiential Research Practicum

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Either SPC 1608, SPC 1603C or COM 1000, and C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times. *Occasional*

COS-COMM

ADV 4101 - Advertising Copywriting

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Ad-PR majors only and ADV 3008 and PUR 4000.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advertising copywriting teaches the development of creative strategies for advertising and emphasizes writing for various ad media. *Fall, Spring*

COS-COMM

ADV 4103 - Radio-Television Advertising

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): R-TV or Ad-PR Majors or Mass Comm. minors only and ADV 3008 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Radio and television advertising sales, including interpretation of rate structures, program audiences, and creative approaches to sponsor needs. *Fall, Spring*

COS-COMM

ADV 4300 - Advertising Media Planning

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ADV 3008 and Ad-PR major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Media planning and buying, including basic media terms, calculations, and resources. *Fall, Spring*

COS-COMM

ADV 4903H - Honors Directed Reading I

ADV 4906 - Independent Study

ADV 4912 - Research

ADV 4941 - Internship

ADV 4970H - Honors Undergrad Thesis

AFA 3006 - The African Diaspora: Theories and Movements

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Provides a broad understanding of the cultural, social, and political experiences that define the African Diaspora. *Fall*

CAH-HIST

AFA 3102 - Introduction to Africana Studies: A Multidisciplinary Approach

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Key issues and methodologies in Africana Studies featuring presentations by representative faculty from various disciplines. *Fall*

CAH-HIST

AFA 3104 - The Black Intellectual Experience

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary examination of major texts, theories, practices and philosophic foundations in Black intellectual and cultural history. *Spring*

CAH-HIST

AFA 3244 - Africana Social & Cultural Movements

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 .
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analytical look at the role cultural

arts played in the emancipation and civil rights efforts that followed the trans-Atlantic slave trade.

Occasional

CAH-HIST

AFA 3300 - African American and Caribbean Music

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explore music written and made popular by African Americans and Caribbean artists. *Occasional*

CAH-HIST

AFA 3371 - Evolution of Hip Hop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An historical analysis of Hip Hop from its African roots to the present with emphasis on the socio-political implications of this phenomenon. *Occasional*

CAH-HIST

AFA 3371H - Honors Evolution of Hip Hop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

AFA 3850 - Researching Africana Heritage and Life

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and processes of researching contributions of traditional Africana people and communities. *Occasional*

CAH-HIST

AFA 3955 - Study Abroad in the Caribbean

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary study abroad program focuses on the arts and humanities of African diasporic cultures in the Caribbean. *Occasional*

CAH-HIST

AFA 4105 - Documenting Africana Heritage and Life

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and research in the process of documenting Africana heritage and life. *Occasional*

CAH-HIST

AFA 4242 - Contemporary Issues in Africana Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contemporary topics, emerging crises, shifting trends, and developments in the Africana Diaspora. *Spring*

CAH-HIST

AFH 3100 - African History to 1870

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Sub-Saharan African institutions and peoples from the earliest time until 1870. *Occasional*

CAH-HIST

AFH 3200 - African History Since 1870

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Sub-Saharan African history from 1870 to the present. *Occasional*

CAH-HIST

AFH 3458 - History of South Africa 1652-present

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Grade of 'C' (2.0) or better in ENC 1102 or WOH 2022, or C.I.

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. *Even Fall, Odd Fall*

Department of History

AFR 1101 - Heritage and Values of the United States Air Force I

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Consent of Air Force ROTC. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall*

Reserve Officer Training Corp: Air Force ROTC

AFR 1111 - Heritage and Values of the United States Air Force II

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Consent of Air Force ROTC. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A brief review of the Army, Navy, and Marine forces. An introduction to special operations and counterinsurgency. *Spring*

Reserve Officer Training Corp: Air Force ROTC

AFR 2130 - Team and Leadership Fundamentals I

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Consent of Air Force

ROTC. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall*

Reserve Officer Training Corp: Air Force ROTC

AFR 2131 - Team and Leadership Fundamentals II

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Consent of Air Force ROTC. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Spring*

Reserve Officer Training Corp: Air Force ROTC

AFR 3220 - Leading People and Effective Communication I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Air Force ROTC. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

An introductory study of Air Force management fundamentals, communications skills, and basic leadership styles. Hands-on training required in accordance with the AFROTC program. *Fall*

Reserve Officer Training Corp: Air Force ROTC

AFR 3230 - Leading People and Effective Communication II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AFR 3220 and Consent of Air Force ROTC.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A concluding study of Air Force management fundamentals, including performance evaluation skills. *Spring*

Reserve Officer Training Corp: Air Force ROTC

AFR 4201 - National Security Affairs and Prep for Active Duty I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AFR 3220 and Consent of Air Force ROTC.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

Reserve Officer Training Corp: Air Force ROTC

AFR 4210 - National Security Affairs/Preparation for Active Duty II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AFR 4201 and Consent of Air Force ROTC.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.
Spring

Reserve Officer Training Corp: Air
Force ROTC

**AMH 1070 - Florida: People,
Places, and History**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An introduction to Florida, focusing
on the state's History and its place in
the world. *Fall, Spring*

CAH-HIST

**AMH 2010 - U.S. History: 1492-
1877**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Survey of U.S. History from 1492-
1877. *Fall, Spring*

CAH-HIST

**AMH 2010H - Honors U.S.
History: 1492-1877**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Survey of U.S. History from 1492-
1877. *Fall, Spring*

CAH-HIST

**AMH 2020 - U.S. History: 1877-
Present**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Survey of U.S. History from 1877 to
the present. May be taken before
AMH 2010. *Fall, Spring*

CAH-HIST

**AMH 2020H - Honors U.S.
History: 1877-Present**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors and AMH 2010 or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Survey of U.S. History from 1877 to
the present. May be taken before
AMH 2010. Honors-level content.

Fall, Spring

CAH-HIST

**AMH 3370 - Capitalism &
Democracy in US History**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2020

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

An introduction to the economic
development of the U.S., with
emphasis on agriculture, labor,
industrialization, transportation, and
banking. *Occasional*

CAH-HIST

**AMH 3402 - History of the South
to 1865**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 or AMH
2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Development of the southern
colonies, beginning sectionalism, the
cotton economy, and slavery,
Calhoun's constitutional theories,
secession, Civil War and its
aftermath. *Occasional*

CAH-HIST

**AMH 3403 - History of the South
Since 1865**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and

AMH 2020, or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Occasional*

CAH-HIST

AMH 3422 - Frontier Florida

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and

AMH 2020 or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

History of Florida from U.S. territory
until post-war industrialization.
Occasional

CAH-HIST

AMH 3425 - Sunbelt Florida

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Florida from post-war industrialization to the present. *Occasional*

CAH-HIST

AMH 3441 - History of the Frontier: Eastern America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The progression of the westward movement from the colonial settlements to the Mississippi, considered as an interpretive approach to American history. *Occasional*

CAH-HIST

AMH 3442 - History of the Frontier: Western America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The development of the trans-Mississippi West and its impact upon American history. *Occasional*

CAH-HIST

AMH 3483 - History of Florida Indians

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 or AMH 2020. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Enhances understanding of Indian peoples living in the vicinity of present-day Florida from the pre-colonial period to the present. *Occasional*

CAH-HIST

AMH 3541 - U. S. Military History To 1900

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

AMH 3547 - U.S. Military History Since 1900

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

U. S. military history since 1900 emphasizing civil-military relations, warfare, and military developments. *Occasional*

CAH-HIST

AMH 3558 - History of American Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or EUH 2000 and EUH

2001. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The social, political, and economic significance of the law as a historic process in America. *Occasional*

CAH-HIST

AMH 3560 - Women, Law, and Society in American History

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the intersection of women and law in American History from the Colonial era to the present. *Occasional*

CAH-HIST

AMH 3561 - Women in American History I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

AMH 3562 - Women in American History II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH

2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Occasional*

CAH-HIST

AMH 3571 - Black American History I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of Black Americans from Africa, to slavery, to freedom and its limits in pre-World War I America. *Occasional*

CAH-HIST

AMH 3572 - Black American History II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A history of Black America in the Twentieth Century and the continuing struggle for equality in America. *Occasional*

CAH-HIST

AMH 3580 - North American Indians

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and

AMH 2020. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

History of North American Indians and their relations with the United States from the 18th century to the present. *Occasional*

CAH-HIST

AMH 3586 - History of Latinos in the U.S.

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2020
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Course begins with 16th century through the modern period. Special emphasis on Chicanos, Puerto Ricans, and Cubans. *Occasional*

CAH-HIST

AMH 3610 - Sport in America to 1945

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of sport emphasizing development of professional and collegiate sport to 1945. *Occasional*

CAH-HIST

AMH 3611 - Sport in America Since 1945

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010, AMH 2020 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

American sport emphasizing the development of professional and collegiate sport since 1945. *Occasional*

CAH-HIST

AMH 3800 - Canadian History

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Canada since Colonial times and the present, but with emphasis on the period since the British North America Act, 1867. *Occasional*

CAH-HIST

AMH 4110 - Colonial America, 1607-1763

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The voyages of discovery, the origins of the thirteen colonies, and their political, economic, social, and religious life in the 17th and 18th centuries. *Occasional*

CAH-HIST

AMH 4112 - The Atlantic World

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The impact and transforming effect of the Atlantic System on the peoples of Western Europe, Western Africa, the Caribbean and the Americas. *Occasional*

CAH-HIST

AMH 4130 - The Age of the American Revolution, 1763-1789

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The American Revolution - its origins, course, and impact upon American society - the Articles of Confederation, the Philadelphia Convention and its work. *Occasional*

CAH-HIST

AMH 4140 - Jeffersonian America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The Confederation era, the Federalists, Jeffersonian Democracy, and the War of 1812. *Occasional*

CAH-HIST

AMH 4160 - Jacksonian America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The risk of American nationalism, Jacksonian Democracy, the Mexican War, and sectional conflict. *Occasional*

CAH-HIST

AMH 4170 - Civil War and Reconstruction

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reconstruction, and impact of industrialism. *Occasional*

CAH-HIST

AMH 4201 - The Gilded Age and Progressivism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The Rise of Industrialized and Urbanized America, The emergence of the New South and the New West, the Populist Movement, overseas expansion, Progressivism. *Occasional*

CAH-HIST

AMH 4231 - United States History: 1914-1939

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The progressive reforms of Woodrow Wilson, World War I, post-war prosperity, the Depression, the New Deal, and the coming of World War II. *Occasional*

CAH-HIST

AMH 4270 - United States History: 1939-1960

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

World War II, the Cold War and America in the fifties. *Occasional*

CAH-HIST

AMH 4273 - U. S. History Since 1960

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Civil rights and Women's Liberation Movements, Vietnam War, Watergate, the decline of liberalism and the rise of conservatism, end of the Cold War. *Occasional*

CAH-HIST

AMH 4311 - American Culture I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

AMH 4313 - American Culture II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The Darwinian Revolution; revolt of the intellectuals; the media explosion; mass entertainment in mass culture; the loss of community, the nuclear age, and presentism. *Occasional*

CAH-HIST

AMH 4344 - American Car Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An interdisciplinary examination of American history and the emergence of car culture from the late nineteenth-century. *Spring*

CAH-HIST

AMH 4345 - History of American Tourism**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of 'C' (2.0) or better in ENC 1102 or AMH 2020, or C.I.

Historical relationship between tourism and the United States as both tourist site and exporter of tourists, through primary sources. *Odd Spring*

Department of History

AMH 4375 - Technology and US Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 or AMH 2020. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Examines the history of technology in the United States, its impact on society, and society's impact on technological development. *Even Spring*

CAH-HIST

AMH 4376 - U.S. Space History**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Post World War II US rocketry and space travel with focus on the role of Cape Canaveral/Kennedy Space Center. *Occasional*

CAH-HIST

AMH 4510 - Rise of the United States to World Power, 1776-1914**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The evolution of basic American policies. American expansion. America's major wars, and the emergence of America as a world power. *Occasional*

CAH-HIST

AMH 4512 - US Diplomatic History: 1914-1945**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020, or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

U.S. diplomacy from World War I through World War II *Occasional*

CAH-HIST

AMH 4513 - United States as a Great Power: 1945-Present**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

U.S. diplomacy from World War II to the present. *Occasional*

CAH-HIST

AMH 4573 - Black Militancy in the 20th Century**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The rise and development of black militant organizations and how these groups have been influenced by hostile foreign entities. *Occasional*

CAH-HIST

AMH 4575 - History of the Civil Rights Movement**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I.

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. *Spring*

AMH 4594 - Laser Scanning America's Past

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of 'C' (2.0) or better in ENC 1102 or AMH 2020, or C.I.

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. *Occasional*

Department of History

AMH 4644 - Viewing American History in the Twentieth Century

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of television, film, comics, and other popular media as primary sources in the study of U.S. History in the 20th Century. *Fall, Spring*

CAH-HIST

AMH 4650 - History of U.S. Aviation

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 or AMH 2020. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Aviation development in the United States and its role in American culture. *Fall*

CAH-HIST

AMH 4680 - Women in American Science

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 or AMH 2020. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines how American society uses Western ideas about sex and gender to define women's roles in science and their influence on their fields. *Even Fall, Spring*

CAH-HIST

AML 3031 - American Literature I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 . Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major American writers from beginning through Whitman. *Fall, Spring*

CAH-ENG

AML 3041 - American Literature II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major American writers from Twain to present. *Fall, Spring*

CAH-ENG

AML 3076 - Topics in American Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or C.I.

Linguistic, literary, and cultural elements of American writing through various time periods and genres. May be repeated for credit. *Occasional*

AML 3273 - Beat Literature and Other Mid-Century Writers

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the poetry and prose of the Beat Literary Movement of the 1950s and 1960s and other American Writers of that period. *Occasional*

CAH-ENG

AML 3283 - Contemporary American Women's Fiction

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines how novels and short stories by contemporary U.S. women define identity from diverse woman-centered and feminist perspectives. *Occasional*

CAH-ENG

AML 3286 - Early American Women's Words

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Women's writings in the Americas from the 17th century through the mid-19th century. *Occasional*

CAH-ENG

AML 3613 - Narratives of Slavery**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literary representations of New World slavery in the past and the present. *Occasional*

CAH-ENG

AML 3614 - Topics in African-American Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literature by and about African-American culture in the United States. May be repeated for credit. *Occasional*

CAH-ENG

AML 3615 - Harlem, Haiti, and Havana**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or

better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-ENG

AML 3640 - Native American Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1101 and ENC 1102. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Native American genres, including traditional oral narratives, ritual and contemporary poetry, autobiography, and the novel. *Occasional*

CAH-ENG

AML 3643 - Contemporary Native American Prose and Poetry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

American Indian fiction, non-fiction, and poetry since 1970. *Occasional*

CAH-ENG

AML 3682 - Ethnic Literature in America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contributions of linguistic and ethnic groups of non-English origin to the literature of the United States.

Occasional

CAH-ENG

AML 3682H - Honors Ethnic Literature in America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and ENC 1102H or equivalent credit. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contributions of linguistic and ethnic groups of non- English origin to the literature of the United States.

Honors content. *Occasional*

CAH-ENG

AML 4101 - American Novel**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 and ENG 3014. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of major American novelists. *Occasional*

CAH-ENG

AML 4155 - Modern American Poetry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major American poets of the modern (1900-1950) period. *Occasional*

CAH-ENG

AML 4261 - Literature of the South

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENG 3014 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-ENG

AML 4265 - Florida Writers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 1102 and ENG 3014. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course will examine writers who have lived in and written about Florida, such as Hemingway, Rawlings, Hurston, and Stevens. *Occasional*

CAH-ENG

AML 4300 - Major American Authors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

A comprehensive study of selected major American literary figures. May be repeated for credit only when course content is different. *Fall, Spring*

CAH-ENG

AML 4321 - Modern American Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major writers of modern American literature. *Occasional*

CAH-ENG

AML 4630 - Latino/Latina Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

U.S. literature by writers from Latino and Latina backgrounds. *Occasional*

CAH-ENG

ANT 2000 - General Anthropology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introductory survey of the four major subfields of anthropology: Social Anthropology, Physical Anthropology, Linguistics, and Archaeology. *Odd Fall*

COS-ANTHRO

ANT 2000H - Honors General Anthropology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Extensive honors work in the field of anthropology. Expectations, requirements, and standards are greater than for standard General Anthropology. *Occasional*

COS-ANTHRO

ANT 2140 - Archaeology and the Rise of Human Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The evolution of human society from foraging and hunting groups to the earliest cities and states. *Spring Fall*

Department of Anthropology

ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to human diversity as exemplified among various cultures and ethnic groups. *Fall*

COS-ANTHRO

ANT 2511 - The Human Species

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Human biological variation in an evolutionary perspective. *Occasional*

COS-ANTHRO

ANT 2511H - Honors The Human Species**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Human biological variation in an evolutionary perspective. *Spring*

COS-ANTHRO

ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Anthropological exploration into the phenomenon of the undead (namely, zombies, vampires and mummies) and our fascination with this subject. *Occasional*

COS-ANTHRO

ANT 3106 - Archaeology and Popular Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

How the ancient past and archaeology appear in popular culture and are manipulated and used by modern societies. *Occasional*

COS-ANTHRO

ANT 3107 - Blood and Valor in the Viking World**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing,

or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Examines anthropological and archaeological themes of Norse daily life, belief systems, mortuary treatment, material culture, and culture contact among Viking Age societies *Fall, Spring*

COS-ANTHRO

ANT 3142 - Old World Prehistory**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore

Standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

A comparative study of social evolution in Africa, Europe, and Asia from the earliest humans to the beginnings of recorded history. *Fall*

COS-ANTHRO

ANT 3145 - Archaeology of Complex Societies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2140 or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Theoretical perspectives on ancient hierarchies of power. *Occasional*

COS-ANTHRO

ANT 3148 - Life and Death in Ancient Egypt**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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). *Fall, Spring*

COS-ANTHRO

ANT 3152 - Archaeology of the Greater Southwest**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing

or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

ANT2140

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. *Occasional*

Department of Anthropology

ANT 3154 - A Survey of American Historical Archaeology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing

or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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. *Occasional*

COS-ANTHRO

ANT 3158 - Florida Archaeology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Florida prehistory from Paleo-Indian to European contact including archaeological periods, cultural areas, sites, and artifacts. *Fall, Spring*

COS-ANTHRO

ANT 3160 - Americas Before Columbus

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Archaeological developments of North, Central, and South America from the hemisphere's initial peopling through the advent of European cultures. *Occasional*

COS-ANTHRO

ANT 3161 - Ancient Mexico: Aztec to Zapotec

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Achievements of civilizations in Mexico (Olmec, Zapotec, Aztec) as well as lesser known archaeological cultures. *Occasional*

COS-ANTHRO

ANT 3163 - Mesoamerican Archaeology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the prehistory of Mexico. Guatemala and upper Central America from earliest times through the Spanish conquest. *Occasional*

COS-ANTHRO

ANT 3164 - Ancient Incas

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The ancient Inca civilization, including examination of pre-Inca cultures and modern Andeans. Uses archaeological, ethnohistorical, historical, and contemporary anthropological sources. *Fall*

COS-ANTHRO

ANT 3165 - Archaeology of South America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2140, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Civilizations of South America from the last ten thousand years, focusing primarily on civilizations of the Andes and other areas. *Occasional*

COS-ANTHRO

ANT 3168 - Maya Archaeology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the Prehistoric Maya culture focusing on both the archaeology and current issues in the field. *Fall*

COS-ANTHRO

ANT 3169 - Life and Death in the Ancient Andes

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2511 or Sophomore Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Demonstrates the potential of human skeletal remains for reconstructing past lifeways in the ancient Andean civilizations of South America (Peru and Bolivia). *Spring*

COS-ANTHRO

ANT 3173 - Archaeology of Sex

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
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Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Cross-cultural concepts of sex, sexuality, and sexual intercourse throughout human history from an archaeological perspective. *Fall*

COS-ANTHRO

**ANT 3174 - Battlefield
Archaeology**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore Standing
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Provide students an archaeological
perspective of fields of combat and
military infrastructure from the
Classic period to the early 20th
century. *Even Fall*

COS-ANTHRO

**ANT 3176 - African Archaeology
and Prehistory**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102 and
Sophomore Standing

Archaeological heritage of Africa,
beginning with the emergence of
modern humans and ending with the
arrival of Europeans. *Even Spring*

Department of Anthropology

**ANT 3177 - Archaeology of
Caribbean Piracy**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The profession of piracy in the
context of Caribbean prehistory and
archaeology. *Fall*

COS-ANTHRO

**ANT 3179 - Australian
Archaeology and Indigenous
Cultures**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Odd Fall*

COS-ANTHRO

ANT 3212 - Peoples of the World

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A comparative study of religion,
family, politics, philosophy, and
other elements of socio-cultural
organization of preliterate societies.
Fall, Spring

COS-ANTHRO

**ANT 3241 - Magic, Ritual, and
Belief**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Patterns in religious behavior in
various societies, with primary
emphasis on myth, rite, taboo, and
festival social phenomena. *Fall,
Spring*

COS-ANTHRO

**ANT 3245 - Native American
Religions**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The religious beliefs of native New
World peoples. *Fall, Spring*

COS-ANTHRO

**ANT 3275 - Anthropological
Perspectives on Refugees**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

The culturally specific causes of
refugee flows, responses to refugees,
cultural issues refugees experience
when they seek asylum, and
resettlement experiences. *Even
Spring*

COS-ANTHRO

**ANT 3290 - Anthropology of
Plants and People**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2140 or
Sophomore Standing. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Anthropological perspectives
involving the interactions between
people and plants. *Even Spring*

COS-ANTHRO

**ANT 3302 - Sex, Gender and
Culture**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The traditional and changing roles of
women and men viewed in a cross-
cultural perspective. *Fall, Spring*

COS-ANTHRO

**ANT 3311 - Indians of the
Southeastern United States**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A study of the social and cultural
history of the Indians of the
Southeast. *Occasional*

COS-ANTHRO

**ANT 3312 - Ethnology of North
American Indians**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A survey of the aboriginal cultures of
North America, with emphasis on the
pre-contact cultural condition.
Occasional

COS-ANTHRO

**ANT 3330 - Anthropology of the
Amazon**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

The historical ecology and
archaeology of indigenous

Amazonians, including evidence
from archaeological, ethnographic
and linguistic studies. *Occasional*

COS-ANTHRO

**ANT 3362 - Peoples of Southeast
Asia**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A survey of the peoples of Vietnam,
Cambodia, Laos and Thailand from
the anthropological perspective.
Occasional

COS-ANTHRO

**ANT 3451 - Race Matters:
Anthropological Approaches to
Racism**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Sophomore
Standing

History of racism in the U.S. and
around the globe, focusing on
anthropological study of racism
today particularly as it impacts
African diaspora. *Occasional*

**ANT 3541 - Biobehavioral
Anthropology**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

An introduction to the study of
human behavior in terms of mutual
interaction between human biology
and cultural environments. *Fall*

COS-ANTHRO

ANT 3550C - Primatology

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): One of the following:
ANT 2511, BSC 2010C, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Study of species from the Order
Primates, including their
morphology, ecology, behavior, and
geographic distribution. *Occasional*

COS-ANTHRO

ANT 3610 - Language and Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The study of language in a non-
western setting; language and
behavior; language and perception.
Fall, Spring

COS-ANTHRO

**ANT 3701 - Engagement & Social
Change: Public Anthropology**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Application of anthropological
methods to current human problems
such as the environment, migration,
globalization and health. *Even Fall*

COS-ANTHRO

**ANT 3943 - Caribbean
Archaeology Practicum**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Previous fieldwork is preferred, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Field archaeology by participating in field schools at prehistoric Lucayan sites on Eleuthera and/or Inagua Islands. May be used in the degree program a maximum of 2 times.
Occasional

COS-ANTHRO

ANT 4013 - Anthropology of Fast Food

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2000 or ANT 2410 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Anthropological research on corporate fast food in diverse cultural settings. *Occasional*

COS-ANTHRO

ANT 4027 - Mummies, Life After Death

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2511 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Cultural practices and beliefs surrounding death; the concerns cultures and humans have had throughout the ages about the body's decay after life, and their attempts to prevent decay and preserve bodies in a state as near to life as possible.
Occasional

COS-ANTHRO

ANT 4034 - History of Anthropological Thought

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2410 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The exploration of the intellectual foundations of modern anthropology.
Fall, Spring

COS-ANTHRO

ANT 4051 - Environmental Anthropology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2140 or Junior Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Relationships between human cultures and societies and the environment from an anthropological perspective. *Even Fall*

COS-ANTHRO

ANT 4081 - Science, Technology, and Culture

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Sophomore Standing or C.I.

This course critically examines how culture shapes science and technology and vice versa. *Odd Spring*

COS-ANTHRO

ANT 4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2140 or Junior

Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Social, economic and political contexts surrounding contemporary archaeological research and interpretation, with emphasis on ethics, heritage management, and law. *Even Spring*

COS-ANTHRO

ANT 4115C - Archaeological Method and Theory

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): ANT 2140 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of archaeological field and laboratory techniques, including the interpretation of written archaeological reports. *Spring*

COS-ANTHRO

ANT 4123 - Archaeology of Coastal Societies

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Archaeological patterns of human adaptation to coastal environments across time and around the world.
Odd Spring

COS-ANTHRO

ANT 4153 - North American Archaeology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing. Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

The cultural development of Native North Americans from prehistoric times to the period of the first European contact. *Spring*

COS-ANTHRO

ANT 4170 - Household Archaeology: The Archaeology of Everyday Life

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore

Standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The archaeological student of households and the everyday lives of people associated with daily activities across time and throughout the world. *Odd Spring*

COS-ANTHRO

ANT 4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2140 or Sophomore Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advances in archaeological research on gender, sexuality and social identity. *Even Spring*

COS-ANTHRO

ANT 4183 - Archaeological Sciences

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following: ANT 2511, ANT 2140, CHS 3501, any 4000 level Criminal Justice

course, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Methods and instrumentation routinely used in archaeology and forensic archaeology. *Spring*

COS-ANTHRO

ANT 4184 - Mortuary Archaeology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2140 or ANT 2511, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Archaeological interpretations of death; basic data collection, skeletal analysis, and comparative study of mortuary ritual - both ancient and modern. *Odd Spring*

COS-ANTHRO

ANT 4187 - Paleoethnobotany

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): ANT 2140, Junior standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Provides students with knowledge and understanding of paleoethnobotany sufficient to understand, interpret, and evaluate plant data in archaeological, paleoecological, and contemporary research. *Odd Spring*

COS-ANTHRO

ANT 4189 - Lithic Analysis: Archaeology of Stone Tools

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ANT 2140

The manufacture and analysis of flaked stone tools and examination of the ways lithic can enlighten us about human behavior. *Occasional*

Department of Anthropology

ANT 4303 - Anthropology of Tourism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2000, or SYG 2000, or PSY 2012 or C.I.

Image already added

Corequisite(s): None.

Image already added

Prerequisite(s) or Corequisite(s): None.

Social theory of tourism; anthropology of tourism in U.S. and world regions, including impacts on local peoples, cultures, and environments. *Occasional*

COS-ANTHRO

ANT 4332 - People and Cultures of Latin America

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following: ANT 2000, SYG 2000, PSY 2012, ANT 2410, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History and society of the peoples of Latin America, emphasizing patterns of subsistence and social organization. *Odd Fall*

COS-ANTHRO

ANT 4340 - Caribbean Cultures**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2000, ANT 2410, SYG 2000, PSY 2012, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comparative study of peoples and cultures of the Anglophone, Francophone, Hispanophone, and Caribbean. *Even Spring*

COS-ANTHRO

ANT 4352 - African Societies and Cultures**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2000 or SYG 2000 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Anthropological survey of Africa examining the social, cultural, and economic diversity of the continent over time. *Even Fall*

COS-ANTHRO

ANT 4406 - Pain and Suffering: The Anthropology of Violence**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2511 or ANT 2410. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Survey the phenomenon of violence in human societies by exploring anthropological perspectives and theories based in human evolutionary biology, archaeology, forensics, and ethnology. *Even Spring*

COS-ANTHRO

ANT 4408 - Culture, Disease, and Healing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The role of culture in shaping the experience and perceptions of health, sickness, and wellbeing in a variety of contexts. *Spring*

COS-ANTHRO

ANT 4441 - Anthropology of Cities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2140 or Junior Standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Cities in the past and present along with the activities and social systems that create them from an archaeological and anthropological perspective. *Even Spring*

COS-ANTHRO

ANT 4462 - Medical Anthropology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall*

COS-ANTHRO

ANT 4467 - Nutritional Anthropology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ANT 2511 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Psychological, biological, social, cultural, and environmental influences of food consumption and physiological status. Perspectives are cross-cultural, ecological and evolutionary. *Occasional*

COS-ANTHRO

ANT 4480 - Global Health in Anthropological Perspective**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The exploration of current and emerging global health issues from an anthropological and cross-cultural perspective. *Fall*

Department of Anthropology

ANT 4481 - Anthropology of Drugs and Addiction**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Anthropological approaches of drugs and addiction in the U.S. and internationally as topics of cultural, political, economic, and health concerns. *Odd Fall*

COS-ANTHRO

ANT 4482 - Anthropology of Mental Health

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing or any upper level course in Anthropology, Sociology, Psychology, or Social Work.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Anthropological approaches to mental health and examines mental health and healing in cross-cultural perspective. *Odd Spring*

COS-ANTHRO

ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2511 or junior standing. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A history of health and healing in the human past and how archaeologists can determine patterns and changes over time. *Odd Spring*

COS-ANTHRO

ANT 4516 - Human Biological Diversity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2511 or BSC 2010C or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Human biological variation and adaptation. *Spring*

COS-ANTHRO

ANT 4521 - Forensic Anthropology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): One of the following: ANT 2511, CHS 3501, any 4000 level Criminal Justice class, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The study of human skeletal remains in relation to a legal context. *Fall*

COS-ANTHRO

ANT 4525C - Human Osteology

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): One of the following: ANT 4521, ZOO 3713C, ZOO 3733C, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The scientific study of the human skeleton and the methodology and techniques involved in the anthropological assessment of skeletal remains. *Fall*

COS-ANTHRO

ANT 4560 - Birth to Death: Anthropological Perspectives on Human Growth

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 2511 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Evolutionary, ecological, historical and cultural perspectives on human growth, maturation, and aging. *Occasional*

COS-ANTHRO

ANT 4586C - Human Origins

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): ANT 2511 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The fossil evidence for human evolution from Miocene hominoids through the australopithecines and the earliest members of the genus *Homo*. *Fall, Spring*

COS-ANTHRO

ANT 4591 - Quantitative Methods in Biological Anthropology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: STA 2014C or C.I.

Biological anthropology methodological approaches to analyzing quantitative data, interpreting and writing results. *Spring*

ANT 4702 - Culture, Inequality and Global Development

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Anthropological perspective on origins and contemporary ramifications of underdevelopment and disempowerment in the world system. *Occasional*

COS-ANTHRO

ANT 4802 - Ethnographic Field Methods

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): ANT 2000, ANT 2410, SYG 2000, PSY 2012, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Procedures and principles of ethnographic research methods.
Occasional

COS-ANTHRO

ANT 4852 - GIS Methods in Anthropology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

An overview to Geographic Information Systems (GIS) methods from an anthropological perspective.
Even Fall

COS-ANTHRO

ANT 4854 - Advanced GIS Methods in Anthropology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 4852 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced methods to Geographic Information Systems (GIS) from an anthropological perspective. *Odd Spring*

COS-ANTHRO

APK 2160 - Facts and Fallacies in Exercise and Nutrition

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): None

Considerations for the appropriate interpretation of scientific and media-based content related to core

concepts in nutrition and exercise.
Spring Fall

School of Kinesiology and Physical Therapy

APK 2300 - Basic Sport First Aid and CPR

Credit Hours: 3
Class Hours: 3
Prerequisite(s): None

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. *Spring Fall 24*

School of Kinesiology and Physical Therapy

APK 3132 - Triathlon Training and Performance

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PEM 2104 Personal Fitness or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Triathlon concepts, training, and performance, leading to the development of optimal fitness and an improved healthy lifestyle.
Occasional

ED-E&HS

APK 3400 - Sports Psychology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A review of principles of psychology related to the enhancement of

satisfaction and performance in sports. *Occasional*

COS-PSYCH

APK 4110C - Advanced Exercise Physiology

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Metabolic, neuromuscular, respiratory and cardiovascular physiological concepts and principles with practical application to kinesiology. *Fall, Spring*

School of Kinesiology and Physical Therapy

APK 4203 - Monitoring Training and Athletic Performance

Credit Hours: 3
Class Hours: 3
Prerequisite(s): Admission to Kinesiology B.S and ZOO 3736C Exercise Physiology Anatomy or ZOO 3733C Human Anatomy; and minimum overall 2.5 GPA.
Prerequisite(s) or Corequisite(s): N/A

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. *Spring Fall*

School of Kinesiology and Physical Therapy

APK 4903 - Basic Research Methods in Kinesiology

Credit Hours: 3

Class Hours: 3

Prerequisite(s): Admission to Kinesiology B.S.; STA 2023 and overall minimum 2.5 GPA or C.I.

An overview of the research process including evaluating research questions, analyzing data, and presenting findings. *Spring Fall*

School of Kinesiology and Physical Therapy

ARA 1120C - Elementary Arabic Language and Civilization I**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces the student to Arabic language skills. Open only to students with no experience in the language. *Fall*

CAH-LANG

ARA 1120C - Honors Elementary Arabic Language and Civilization I**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 1

Contact Hours: 5

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to Arabic language skills. Open only to students with no experience in the language. Honors level content. *Occasional*

CAH-LANG

ARA 1121C - Elementary Arabic Language and Civilization II**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ARA 1120C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of ARA 1120C. *Spring*

CAH-LANG

ARA 1121C - Honors Elementary Arabic Language and Civilization II**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 1

Contact Hours: 5

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of ARA 1120C. Honors level content. *Occasional*

CAH-LANG

ARA 2200 - Intermediate Arabic Language and Civilization I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ARA 1121C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of language skills and cultural knowledge at the intermediate level. *Occasional*

CAH-LANG

ARA 2201 - Intermediate Arabic II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARA 2200 or equivalent or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of ARA 2200 with emphasis on Arabic cultures. *Fall, Spring*

CAH-LANG

ARC 3181 - Advanced Topics in Digital Architecture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continued investigation of computer-aided design programs currently utilized by professional practices. *Odd Spring*

CAH-SVAD

ARC 3270 - Professional Practice in Architecture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARC 3320L or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Professional architecture practices in conjunction with supervised experiences at local, central Florida firms. *Occasional*

CAH-SVAD

ARC 3310C - Parametric Modeling and Digital Fabrication**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): ARC 2180 (offered through Valencia College) or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Computer-aided hardware and software utilized in the professional practice of architecture. *Occasional*

CAH-SVAD

**ARC 3320L - Architectural Design
5**

Credit Hours: 6

Class Hours: 0
Lab and Field Work Hours: 9
Contact Hours: 9
Prerequisite(s): Completion of
Articulated Pre-Major: Architecture
A.A. at Valencia College West or
C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Investigates architectural design and
its relationship to regional contextual
influences through a range of
projects which vary in scale and
complexity. *Even Fall*

CAH-SVAD

**ARC 3321L - Architectural Design
6**

Credit Hours: 6

Class Hours: 0
Lab and Field Work Hours: 9
Contact Hours: 9
Prerequisite(s): ARC 3320L.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Architectural design with a large
scale urban context. Theory,
methodology, and evolution of urban
form in response to social, cultural,
economic and technological forces.
Odd Spring

CAH-SVAD

**ARC 3463 - Materials and
Methods of Construction 2**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
ARC 4323L. Prerequisite(s) or
Corequisite(s): None.

Methods of assembling and selecting
materials; detailed systems of
construction will be investigated.

Even Spring

CAH-SVAD

**ARC 3503 - Architectural
Structures**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Completion of
Articulated Pre-Major: Architecture
A.A. at Valencia College West or
C.I.; Corequisite(s): ARC 3320L.
Prerequisite(s) or Corequisite(s):
None.

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. *Even Fall*

CAH-SVAD

**ARC 3610 - Environmental
Technology 1**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
ARC 3321L. Prerequisite(s) or
Corequisite(s): None.

Principles and practices relating to
control of the thermal/atmospheric
environment and plumbing in
buildings. *Odd Spring*

CAH-SVAD

**ARC 3743 - Architectural History
3**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
ARC 3320L. Prerequisite(s) or
Corequisite(s): None.

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.
Even Fall

CAH-SVAD

**ARC 4220 - Architectural Theory
2**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
ARC 4322L. Prerequisite(s) or
Corequisite(s): None.

Investigates the theoretical, historical
and ideological ideas in architecture
that took place during the early
decades of the twentieth century.
Odd Fall

CAH-SVAD

**ARC 4322L - Architectural Design
7**

Credit Hours: 6

Class Hours: 0
Lab and Field Work Hours: 9
Contact Hours: 9
Prerequisite(s): ARC 3321L.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Odd Fall*

CAH-SVAD

**ARC 4323L - Architectural Design
8**

Credit Hours: 6

Class Hours: 0
Lab and Field Work Hours: 9
Contact Hours: 9
Prerequisite(s): ARC 4322L.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Architecture designs focus on architectural detail and articulation. An investigation of landscape provides the context for this study. *Even Spring*

CAH-SVAD

ARC 4620 - Environmental Technology 2

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARC 3610 or C.I.
Corequisite(s): ARC 4322L.
Prerequisite(s) or Corequisite(s): None.

Fundamentals of architectural lighting, acoustics, electrical power distribution and building communications. *Odd Fall*

CAH-SVAD

ARC 4694 - In the Space of Health and Wellness

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARC 3321L.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Considers healthcare issues, facility design, environmental impact, and disruptive technology and convergence of health, research and technology. *Occasional*

CAH-SVAD

ARE 2000 - Early Childhood Art and Creativity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of developmental patterns in children's artistic

behaviors and appropriate instructional strategies to be implemented. *Occasional* M&S fee \$5.00

ED-CFCS

ARE 3944 - Community Arts Practicum

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A supervised experience for students to facilitate art programming in a variety of community settings. *Occasional*

CAH-SVAD

ARE 4250 - Art for Exceptionalities

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to the College of Education, Art Education Program or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts, principles, and methods of integrating art processes into the education of students with physical, emotional, and mental exceptionalities. *Spring*

ED-TL&L

ARE 4260 - Methods in Art Administration

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 3820.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and methodologies for designing, implementing and

administering art programs for a variety of populations. *Occasional*

CAH-SVAD

ARE 4351 - Teaching Art in the Elementary School

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission into the Art Education Program or Art Education Minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Transition from university art studio practices to public school teaching of art. Organizing, designing and analyzing art experiences, activities and classroom environments for the elementary school classroom. *Fall* M&S fee \$5.00

ED-TL&L

ARE 4352 - Teaching Art in the Secondary School

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): Admission into the Art Education program or Art Education Minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring* M&S fee \$5.00

ED-TL&L

ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall* 0.00

ED-TL&L

ARE 4453 - Studio Experiences in Art Education**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into the College of Education, Art Education Program required or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Materials available for instruction in public schools will be explored in depth in relation to their appropriateness and productive qualities. May be used in the degree program a maximum of 3 times. *Spring* M&S fee \$5.00

ED-TL&L

ARH 2050 - History of Western Art I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Painting, sculpture and architecture from the Prehistoric Era through the Renaissance. *Fall*

CAH-SVAD

ARH 2050H - Honors History of Western Art I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Painting, sculpture and architecture from the Prehistoric Era through the Renaissance, with honors content. *Occasional*

CAH-SVAD

ARH 2051 - History of Western Art II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Painting, sculpture and architecture from the Baroque through the 20th century. *Spring*

CAH-SVAD

ARH 2051H - Honors History of Western Art II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Painting, sculpture and architecture from the Baroque through the 20th century, with honors-level content. *Occasional*

CAH-SVAD

ARH 2500 - History of Non-Western Art**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Major visual arts in various non-Western cultures. *Fall, Spring*

CAH-SVAD

ARH 3471 - Art in the Last 25 Years**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARH 2050 and ARH

2051 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

A seminar for upper-level art students to examine current trends in the visual arts. *Occasional*

CAH-SVAD

ARH 3610 - American Art**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARH 2050 and ARH

2051 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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. *Occasional*

CAH-SVAD

ARH 3631 - African-American Art**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Historical survey of art produced by working artists of African heritage and representations of African-American life by these and other artists. *Occasional*

CAH-AS

ARH 3632H - Honors African American Arts Seminar

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of Honors. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

An exploration of traditional, academic, and contemporary urban African American visual arts. *Occasional*

CAH-SVAD

ARH 3670 - 20th Century Latin American Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-SVAD

ARH 3674 - Latin American Popular Visual Culture

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ANT 4332 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Latin American popular culture beyond "fine art," produced in Latin America, the United States, and the Caribbean. *Odd Spring*

CAH-SVAD

ARH 3683 - Southern Folk Arts

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-SVAD

ARH 3710 - History of Photography I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of still photography from its earliest inception to 1900. The content of this course is designed for art majors. *Occasional*

CAH-SVAD

ARH 3713 - 20th Century Photographic History

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The history of the evolution of still photography from the early 20th Century to contemporary practice. *Occasional*

CAH-SVAD

ARH 3720 - History of Prints

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of printmaking in the Western world, surveying works by the "great printmakers." *Occasional*

CAH-SVAD

ARH 3728 - History of Illustration

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Western illustration from ancient and medieval manuscripts through nineteenth century cartoon, caricature, book, magazine illustration, and advertising. *Occasional*

CAH-SVAD

ARH 3820 - Visual Arts Administration Vitas

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Grant applications; Personnel; copyright laws; museum practices, etc. *Occasional*

CAH-SVAD

**ARH 3842 - Art History Abroad:
Italy**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Meets in Italy and explores Italian art, architecture, artists, patrons, and culture from the Roman period through the late Baroque. *Occasional*

CAH-SVAD

ARH 3888 - Art of Walt Disney

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the animation, art, and architecture of Disney. *Occasional*

CAH-SVAD

**ARH 4130 - Greek Art and
Architecture**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examines the art and architecture of ancient Greece from the Bronze Age through the end of the Hellenistic period. *Occasional*

CAH-SVAD

**ARH 4150 - Roman Art and
Architecture**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examines Roman art and architecture from its Etruscan origins through Constantine. *Occasional*

CAH-SVAD

ARH 4200 - Medieval Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Medieval Art from the 6th through 14th centuries, including painting, architecture, sculpture and illuminated manuscripts. *Occasional*

CAH-SVAD

**ARH 4310 - Italian Renaissance
Art**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Italian Art and architecture from 1300 to 1600. *Occasional*

CAH-SVAD

**ARH 4316 - Great Masters:
daVinci, Michelangelo, and
Raphael**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050, ARH

2051, and ARH 4310. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines at length three artists considered to be Great Masters: daVinci, Michelangelo, and Raphael. *Occasional*

CAH-SVAD

ARH 4350 - Baroque Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A study of European Art in the 17th and 18th centuries. *Occasional*

CAH-SVAD

ARH 4352 - Italian Baroque Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examines the art and architecture of the Baroque period in Italy from 1600-1750. *Occasional*

CAH-SVAD

ARH 4430 - 19th Century Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ARH 2050 and ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A survey of the trends and developments in art during the 19th century, including the art of America and of Western Europe. *Occasional*

CAH-SVAD

ARH 4450 - 20th Century Art

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the art from Fauvism, Futurism, Cubism to the art of the present. *Occasional*

CAH-SVAD

ARH 4653 - Meso American Art

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the art of Mexico and Central America, from the Pre-Colombia, through the Spanish Colonial, to the 20th century. *Occasional*

CAH-SVAD

ARH 4800 - Theory and Criticism of the Visual Arts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores criteria of art criticism and theoretical approaches to art meaning through time; art examples from various periods/cultures. *Occasional*

CAH-SVAD

ARH 4871 - Women in Art

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ARH 2050 and ARH 2051 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-SVAD

ART 2201C - Design Fundamentals-Two Dimensional

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$15.00

CAH-SVAD

ART 2201C - Honors Design Fundamentals-Two Dimensional

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2823. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Priority given to students whose major requires this course. Permission of Honors. Materials, processes, form. Emphasis on two-dimensional design problems, including problems in black and white and basic color theory with Honors content. *Occasional*

CAH-SVAD

ART 2203C - Design Fundamentals-Three Dimensional

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Priority given to students whose major requires this course. Basic three-dimensional design using the various sculptural media. *Fall, Spring* M&S fee \$45.00

CAH-SVAD

ART 2300C - Drawing Fundamentals I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Priority given to students whose major requires this course. Drawing as a means of formal organization. Introduction to problems in drawing methods and media. Emphasis on description techniques. *Fall, Spring* M&S fee \$10.00

CAH-SVAD

ART 2300C - Honors Drawing Fundamentals I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2823 and Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Priority given to students whose major requires this course. Drawing as a means of formal organization. Introduction to problems in drawing methods and media. Emphasis on description techniques. With Honors content. *Occasional* M&S fee \$10.00

CAH-SVAD

ART 2301C - Drawing Fundamentals II

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2300C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Priority given to students whose major requires this course.
Continuation of ART 2300C. *Fall, Spring* M&S fee \$10.00

CAH-SVAD

ART 2400C - Beginning Printmaking

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2300C and ART 2201C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Basic elements and techniques of printmaking covered. Relief, intaglio, and lithography. Assignments include practical application of printmaking as drawing tool. *Occasional*

CAH-SVAD

ART 2500C - Beginning Painting

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2300C, ART 2201C, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Methods and materials of the painter. Introduction to the problems in painting. *Occasional* M&S fee \$15.00

CAH-SVAD

ART 2701C - Sculpture

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2203C and ART 2300C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The challenge of communicating ideas through three-dimensional forms. *Odd Fall* M&S fee \$35.00

CAH-SVAD

ART 2754C - Beginning Ceramics

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic concepts of ceramic design, experience in processes of forming, decorating, glazing, and firing pottery. *Fall, Odd Spring* M&S fee \$35.00

CAH-SVAD

ART 2823 - Art as Interface

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-SVAD

ART 3161 - Mixed Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts and techniques involving the creation of art objects by integrating painting, sculpture, drawing, design, and art history. *Occasional*

CAH-SVAD

ART 3170C - Book Binding

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C and ART 2300C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Basic book binding techniques, methods, structures, and production of books. *Occasional* M&S fee \$44.00

CAH-SVAD

ART 3171C - Materials for Artist Books

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, and ART 3170C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Production of materials used for an artist in the creation of books. *Occasional* M&S fee \$32.00

CAH-SVAD

ART 3175C - Advanced Issues in Contemporary Book Arts

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4

Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, and ART 3170C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Drawing, printmaking, and painting combined with guided research at the Orlando Museum of Arts culminating in a handbound Visual Book. *Occasional* M&S fee \$44.00

CAH-SVAD

ART 3176C - The Illuminated Book

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2300C, ART 2300C, ART 2301C, and ART 3170C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The creation of visual, illuminated responses to language from stories, fables, poetry, and books using a variety of media. *Occasional* M&S fee \$45.00

CAH-SVAD

ART 3223C - Honors Applied Design Lab

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designing three-dimensional projects for real world clients. With Honors Content. *Occasional*

CAH-SVAD

ART 3321C - Drawing Intensive

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, and ART 2301C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Drawing concepts and techniques emphasizing observation from still life and the human figure.

Occasional

CAH-SVAD

ART 3332C - Intermediate Drawing

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, and a satisfactory portfolio review or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intermediate problems in drawing, with emphasis on the human form. *Fall, Spring*

CAH-SVAD

ART 3433C - Screenprinting

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, and a satisfactory portfolio review (ART 3950) Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques of waterbase screenprinting, including digital/photo processes and practical applications of screenprinting as a means for image making. *Occasional*

CAH-SVAD

ART 3504C - Intermediate Painting

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4

Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reinforces and extends methods and materials content of ART 2500C, and deals with issues of figurative painting. *Fall, Even Spring* M&S fee \$15.00

CAH-SVAD

ART 3643C - Digital Effects & Compositing

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): DIG 3951 and declared Character Animation specialization, or ART 3950 and DIG 4780C and declared Experimental Animation specialization. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Special effects and compositing for computer animation and film, focusing on the use of After Effects, Premier and Photoshop or comparable software. *Fall*

CAH-SVAD

ART 3709C - Intermediate Sculpture

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 2701C, and successful portfolio review. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the concepts of three-dimensional forms. *Fall, Spring* M&S fee \$45.00

CAH-SVAD

ART 3737C - Narrative Sculpture

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2300C and ART 2203C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Aesthetics of sculpture incorporating narrative content and referencing historical contexts. May be repeated for credit two times. *Occasional*

CAH-SVAD

ART 3761C - Intermediate Ceramics**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2754C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of ceramic processes. *Fall, Spring* M&S fee \$35.00

CAH-SVAD

ART 3764C - Ceramic Handbuilding I**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2754C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of a variety of ceramic handbuilding procedures, including design, glaze application and firing process. *Occasional* M&S fee \$35.00

CAH-SVAD

ART 3824 - Japanese Manga & Anime**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Explores the real and imaginary robotic beings inhabiting the fictional worlds of Japanese Anime and Manga. *Occasional*

CAH-SVAD

ART 3833C - Honors Processes and Ideas in Art**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Generation of new insights concerning artistic expression with an emphasis on the individual creation of visual art objects. With Honors content. *Occasional*

CAH-SVAD

ART 3833C - Processes and Ideas in Art**Credit Hours: 3**

Class Hours: 4

Lab and Field Work Hours: 2

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, and ART 2301C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course emphasizes the development of individual creativity and the generation of new insights concerning artistic expression. These "formative activities" must be manifested by students in the form of small sculptures and/or other forms of creativity. *Occasional*

CAH-SVAD

ART 3950 - Portfolio Review**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): ARH 2050, ARH 2051, ART 2823, ART 2201C, ART

2203C, ART 2300C, and ART 2301C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Determines competencies in studio foundations work. Satisfactory completion of portfolio review is required to enroll in upper division studio classes. *Fall, Spring* Graded S/U.

CAH-SVAD

ART 3951C - Design Intensive**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2203C and ART 2300C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Covers both two and three dimensional design concepts. *Occasional* \$57

CAH-SVAD

ART 4172C - Book Repair and Restoration**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, and ART 3170C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mending, repairing, and rebinding books from the Library and Special Collections. *Occasional*

CAH-SVAD

ART 4173C - The Artist Book**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 3170C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Definition of book from traditional hand-made to contemporary artist book. Redefining the elements, structure and content of books and the binding and printing methods in book production. *Occasional* M&S fee \$28.00

CAH-SVAD

ART 4174C - The Printed Book

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 3170C

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Aesthetics of the printed book including binding techniques to make artist books. *Occasional* M&S fee \$23.00

CAH-SVAD

ART 4177C - Commercial Book Design and Publishing

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 3170C

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of art and design elements and their interpretation from a historical perspective. *Occasional*

CAH-SVAD

ART 4320C - Advanced Drawing

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 3332C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-SVAD

ART 4402C - Advanced Printmaking

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, and a satisfactory portfolio review or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Advanced process in printmaking. May be repeated for credit. *Even Fall, Spring* M&S fee \$30.00

CAH-SVAD

ART 4505C - Advanced Painting

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 3504C, and a satisfactory portfolio review or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced problems in painting. May be repeated for credit. *Fall, Spring* M&S fee \$15.00

CAH-SVAD

ART 4644C - Books Without Books

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, and ART 2301C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The use of technology for alternative presentation of sequential ideas in space and time. May be repeated for credit. *Occasional*

CAH-SVAD

ART 4710C - Advanced Sculpture

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 2701C, and a satisfactory portfolio review or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The challenge of communicating concepts through three-dimensional forms. May be repeated for credit. *Fall, Spring* M&S fee \$45.00

CAH-SVAD

ART 4765C - Ceramic Handbuilding II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 2754C, and a satisfactory portfolio review or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Technical skills in manipulating form, function, volume, color and surface texture. *Occasional* M&S fee \$35.00

CAH-SVAD

ART 4780C - Kiln Design and Building

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 3761C, ART 4783C, and a satisfactory portfolio review or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The design and construction of kilns,

use of refractory materials, and the theory of efficient fuel combustion. May be repeated for credit. *Occasional* M&S fee \$35.00

CAH-SVAD

ART 4783C - Advanced Ceramics

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 3761C
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced problems in the ceramic process. May be repeated for credit. *Fall, Spring* M&S fee \$35.00

CAH-SVAD

ART 4786C - Ceramic Raw Material

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 3761C, and a satisfactory portfolio review or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth understanding of the singular and diverse properties of clay and glaze materials. *Occasional* M&S fee \$35.00

CAH-SVAD

ART 4935 - BFA Exhibit/Seminar

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, must complete Studio course for BFA, and a satisfactory portfolio review or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is designed to prepare

B.F.A. students for B.F.A. Exhibition. *Spring* M&S fee \$15.00

CAH-SVAD

ART 4945C - Advanced Design Lab

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C or ART 2203C or C.I.. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Design and develop visual solutions for real world clients in partnership with industry. May be repeated for credit two times. *Fall, Spring*

CAH-SVAD

ART 4954 - Scotland Study Abroad

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ART 2823, ART 2201C, ART 2301C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study abroad in Edinburgh, Scotland. May be repeated for credit. *Occasional*

CAH-SVAD

ART 4971 - Experimental Animation Thesis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Experimental Animation major and a grade of 'C' (2.0) or better in FIL 4735C.

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. Other

Spring, Fall

School of Visual Arts and Design

ASH 3200 - Ancient Near Eastern Societies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 or WOH 2012 or WOH 2012H, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of the world's first literate societies (i.e. Mesopotamia, Egypt, the Levant) focusing upon their primary sources (in translation). *Spring*

CAH-HIST

ASH 3204 - History of Mesopotamia

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

Political histories and social developments that arose in Iraq, Syria, and Turkey at the dawn of human history. *Even Spring*

ASH 3222 - Islam and Its Empires

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of the Middle East and North Africa from the birth of Islam to the 16th century. *Occasional*

CAH-HIST

ASH 3223 - The Modern Middle East

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

History of the Middle East and North Africa from the 16th century to the present. *Occasional*

CAH-HIST

ASH 4233 - Ottoman Empire**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2012 and WOH 2022. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

History of the Ottoman Empire from its origins in the 13th century to its collapse after WWI. *Occasional*

CAH-HIST

ASH 4243 - History of Iraq**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2012 and WOH 2022. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Modern Iraqi history through a set of interrelated monographic studies that focus on the political and legal components of the Iraqi state. *Occasional*

CAH-HIST

ASH 4304 - Women in China**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and

AMH 2020, or EUH 2000 and EUH

2001, or WOH 2012 and WOH

2022. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Historical changes and continuities in experiences of Chinese women during the traditional period, the modern era and contemporary times. *Occasional*

CAH-HIST

ASH 4324 - History & Culture of South Asia**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History and culture of South Asia from prehistory to decline of the British Raj. *Occasional*

CAH-HIST

ASH 4383 - Imperialism & Decolonization in South Asia**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Socio-cultural, economic and political impact of imperialism and the subsequent decolonization in South Asia. *Occasional*

CAH-HIST

ASH 4402 - History of Chinese Civilization**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001, or WOH 2012 and WOH

2022. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Chinese history from its pre-historical genesis until the 18th century. *Occasional*

CAH-HIST

ASH 4404 - Modern China**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Political, social, economic, and cultural transformations undergone by China from about the 17th century to the present. *Occasional*

CAH-HIST

ASH 4442 - Modern Japan**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

History of Japan from the end of the Tokugawa period to the present day. *Occasional*

CAH-HIST

ASH 4550 - History of Modern India**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of India from decline of Mughlas in late 18th century to present. *Occasional*

CAH-HIST

ASL 2140 - Introduction to American Sign Language

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of ASL vocabulary and grammar. Deaf culture, literature, research examined. *Fall, Spring*

HPA-COM SC&DIS

ASL 2150 - Intermediate American Sign Language

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): ASL 2140.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Expansion of ASL vocabulary with increased development of knowledge concerning Deaf culture. *Fall, Spring*

HPA-COM SC&DIS

ASL 2510 - Issues of Deafness

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-COM SC&DIS

ASL 4161C - American Sign Language III

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1

Contact Hours: 4
Prerequisite(s): ASL 2150.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Conversation. Emphasis on refining fluency receptively and expressively. Practicum with the deaf community. *Occasional*

HPA-COM SC&DIS

ASL 4201 - American Sign Language IV

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): ASL 4161C or consent of instructor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-COM SC&DIS

AST 2002 - Astronomy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): High school algebra or MAC 1105C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Descriptive survey of solar system, galaxies and universe; physical properties of stars, H-R diagram, stellar evolution, black holes, neutron stars. *Fall, Spring*

COS-PHYS

AST 2002H - Honors Astronomy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Descriptive survey of solar system, galaxies and universe; physical properties of stars, H-R diagram, stellar evolution, black holes, neutron stars. Honors level content. *Occasional*

COS-PHYS

AST 2002L - Astronomy Lab

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 3
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): AST 2002. Prerequisite(s) or Corequisite(s): None.

Laboratory experiments covering selected topics in astronomy related to AST 2002. *Occasional* M&S fee \$9.00

COS-PHYS

AST 2037 - Life in the Universe

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

COS-PHYS

AST 3110 - Solar System Astronomy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002, PHY

2053C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Interdisciplinary approach to the
dynamics of the Solar System
through application of Physics,
Atmospheric Science, Chemistry and
Geology. *Even Fall*

COS-PHYS

**AST 3114 - Space Weather in the
Solar System**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: AST 2002

How the solar weather forms and
solar weather effects on the solar
system, including geomagnetic
storms, aurorae, and impacts to
electronics/GPS systems. *Fall*

AST 3211 - Stellar Astrophysics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002 and PHY
3101. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

The physics and dynamics of stars,
including star formation and stellar
evolution. *Occasional*

COS-PHYS

**AST 3402 - Galaxies and
Cosmology**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002 and PHY
2048C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Study of the different types of
galaxies, their evolution, their
relationship to active galaxies and

quasars, and the evolution of the
universe. *Odd Fall*

COS-PHYS

**AST 4142 - Asteroids, Comets, and
Meteorites**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Asteroids, comets, and meteorites
and their role in the origin and
evolution of our solar system.
Occasional

COS-PHYS

AST 4152 - Planetary Geophysics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002, PHY
2053C, and Senior standing, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Physics of planetary evolution,
planetary interiors, and planetary
surface processes. *Even Fall*

COS-PHYS

**AST 4700 - Experimental Methods
in Astronomy**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AST 2002, PHY
2048, and Senior standing, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Even Spring*

COS-PHYS

**AST 4762C - Astronomical Data
Analysis**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): MAC 2313, ability to
write simple computer programs, and
an upper level course in astronomy
or planetary science, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Astronomical data formation and
acquisition, detector physics,
measurement extraction, error
analysis, modeling, computer
programming, statistics,
interpretation, and written and oral
presentation of results. *Fall*

COS-PHYS

**ATR 2010C - Athletic Injuries:
Mechanisms and Prevention**

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): PET 3005.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The prevention, identification, care,
and rehabilitation of human injuries.
Fall, Spring

ED-E&HS

**ATR 3012C - Clinical Skills for
Athletic Trainers I**

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): ZOO 3733C or ZOO
3736C, and Athletic Training majors
only or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Fall* M&S fee \$31.00

HPA-HP

ATR 3013C - Clinical Skills for Athletic Training II

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Clinical skills, including functional knowledge of upper extremity muscle, tendon, ligament anatomy; advanced taping and bracing skills; and pharmacological interventions. *Spring* M&S fee \$31.00

HPA-HP

ATR 3102 - Principles of Athletic Training

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3733C or ZOO 3736C; PCB 3703C; and Athletic Training majors only or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Athletic training principles including injury recognition, emergency care, bloodborne pathogens, rehabilitation and prevention. *Occasional*

HPA-HP

ATR 3203C - Upper Extremity Function and Measurement

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): ZOO 3733C or ZOO

3736C with "C" (2.0) or better and COHPA majors and Health Sciences Minors only. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Upper extremity functional anatomy, manual muscle testing and goniometry. *Fall, Spring*

HPA-HP

ATR 3204C - Lower Extremity Function and Measurement

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): ZOO 3733C or ZOO 3736C with "C" (2.0) or better and COHPA majors and Health Sciences Minors only. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Lower extremity functional anatomy, manual muscle testing and goniometry. *Fall, Spring*

HPA-HP

ATR 3212C - Recognition and Evaluation of Athletic Injuries I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): ATR 3102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Recognition and evaluation skills required to perform an injury/illness assessment of the lower extremity and spine and provide immediate management. *Fall*

HPA-HP

ATR 3312C - Injury, Management, and Rehabilitation

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): ZOO 3733C or ZOO

3736C with "C" (2.0) or better; COHPA Students only or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

HPA-HP

ATR 3812L - Practicum in Athletic Training I

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 16

Contact Hours: 16

Prerequisite(s): ATR 3102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Clinical introduction to an athletic training site under direct supervision of a certified athletic trainer. *Fall, Spring*

HPA-HP

ATR 3822L - Practicum in Athletic Training II

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 16

Contact Hours: 16

Prerequisite(s): ATR 3812L.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of clinical practicum under direct supervision of certified athletic trainer. *Fall, Spring*

HPA-HP

ATR 4014C - Principles of Athletic Training Lab

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Athletic Training majors only or C.I. Corequisite(s):

ATR 3102 Prerequisite(s) or Corequisite(s): None.

Basic athletic training skills including emergency care, taping and wrapping, goniometry and manual muscle testing. *Occasional* M&S fee \$34.00

HPA-HP

ATR 4103 - Case Studies in Sports Medicine:

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ATR 4832L.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Presentation and treatment of various sports injuries. *Spring*

HPA-HP

ATR 4112L - Acute Care in Athletic Training

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 1
Contact Hours: 1
Prerequisite(s): ATR 4832L.
Corequisite(s): ATR 4842L
Prerequisite(s) or Corequisite(s): None.

This course will review and update student knowledge of and competency with acute care procedures and emergency planning in athletic settings. *Spring*

HPA-HP

ATR 4132 - Human Injuries: Mechanisms & Prevention

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of human movement and analysis of techniques for the prevention and treatment of human injuries associated with sport and fitness. *Fall, Spring*

School of Kinesiology and Physical Therapy

ATR 4213C - Recognition and Evaluation of Athletic Injuries II

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): ATR 3102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

HPA-HP

ATR 4302C - Therapeutic Modalities in Athletic Training

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ATR 4213C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and techniques for applying therapeutic modalities. *Occasional* M&S fee \$5.00

HPA-HP

ATR 4313C - Therapeutic Exercise in Athletic Training

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ATR 3212C.
Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Rehabilitation processes regarding exercise progression for athletic injury *Occasional*

HPA-HP

ATR 4315C - Advanced Rehabilitation in Athletic Training

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): Athletic Training majors only. ATR 4313C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced knowledge, skills, and techniques that the certified athletic trainer must perform during rehabilitation of injuries. *Fall* M&S fee \$17.00

HPA-HP

ATR 4512C - Organization and Administration of Athletic Training

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ATR 3822L.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Administrative knowledge in the athletic training profession. *Fall*

HPA-HP

ATR 4832L - Practicum in Athletic Training III

Credit Hours: 4

Class Hours: 0
Lab and Field Work Hours: 16
Contact Hours: 16
Prerequisite(s): ATR 3822L.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced clinical internship with increased responsibilities under the supervision of a certified athletic

trainer. *Fall, Spring*

HPA-HP

ATR 4842L - Practicum in Athletic Training IV

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 16

Contact Hours: 16

Prerequisite(s): PET 4672C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced clinical internship with increased responsibilities under the supervision of a certified athletic trainer. *Fall, Spring*

HPA-HP

ATR 4933 - Athletic Training Seminar

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): ATR 4832L and Senior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Capstone course reviewing competencies, proficiencies, ethics and professional development for the entry-level athletic trainer. *Spring*

HPA-HP

ATR 4940 - Athletic Training Elective Internship

Credit Hours: 0-4

Class Hours: 0

Lab and Field Work Hours: 1-15

Contact Hours: 1-15

Prerequisite(s): ATR 3822L.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional* Graded S/U.

HPA-HP

BCH 4024 - Medical Biochemistry

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): CHM 2210 and CHM 2211. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

COM-BSBS

BCH 4053 - Biochemistry I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2211. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A consideration of proteins, carbohydrates, nucleic acids, enzymes and their effect on biochemical systems, and inter-relationship of intermediary metabolism. *Fall, Spring*

COS-CHEM

BCH 4053H - Honors Biochemistry I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2211 and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Proteins, carbohydrates, nucleic acids, enzymes and their effect on

biochemical systems, and inter-relationship of intermediary metabolism. With Honors content. *Occasional*

COS-CHEM

BCH 4054 - Biochemistry II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): BCH 4053. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of BCH 4053. *Spring*

COS-CHEM

BCH 4103L - Biochemical Methods

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): BCH 4053. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A laboratory course stressing the application of the chemical arts to the separation, identification, and quantification of materials of biological significance. *Spring* M&S fee \$70.00

COS-CHEM

BME 3211 - Engineering Biomechanics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better required in all of the following EGN 3310, EGN 3321 and EGM 3601. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Knowledge of engineering approaches and tools that are used in the different aspects of biomechanics. *Odd Fall*

ECS-MECH/AERO

BOT 3015 - Principles of Plant Science

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: BSC 2011

Introduction to botanical concepts; plant biodiversity, structure and function, growth and development, photosynthesis and water relations and ecology. *Fall, Spring*

BOT 3018C - Culinary Botany Across the Cultures

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): BOT 3802, Junior standing, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Cultural food traditions and the connections between plants, people and health; examines the preparation methods that enhance the nutritional values. *Odd Spring* M&S fee \$10.00

Department of Biology

BOT 3802 - Ethnobotany

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Historical and modern uses of plants economically important in various cultures. *Spring*

COS-BIOL

BOT 4223C - Plant Anatomy

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): BOT 3802, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of development, structure and function of the principal organs and tissue of vascular plants.

Occasional

COS-BIOL

BOT 4282L - PLANT MICROTECHNIQUES

Credit Hours: 2

Class Hours: 0
Lab and Field Work Hours: 6
Contact Hours: 6
Prerequisite(s): PR: BOT 4223C or CI

techniques used in the preparation of microscope slides/specimens of vascular plants, including infecting organisms. Emphasis on fixation, embedding, sectioning, staining and interpretation of prepared materials. *Even Spring*

BOT 4303C - Plant Kingdom

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): BOT 3015, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of plant kingdom utilizing comparative morphology and life cycle patterns. Highlights biotechnology, biological controls and utilization of plants in horticulture. *Even Spring* \$70

Department of Biology

BOT 4434C - General Mycology

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): BSC 2010C, MCB

3020C or BSC 2011C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is a survey of the Kingdom Fungi, covering the major topics of fungal diversity, structure, genetics, physiology, practical applications and pathogenicity. *Occasional* \$70

COM-BSBS

BOT 4503C - Plant Physiology

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): A grade of "C" (2.0) or better in BOT 3015, and a grade of "C" (2.0) or better in either PCB 3044 or PCB 3063, or permission of course instructor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Core aspects of plant physiology, with a hands-on focus on traits and processes that govern interaction with the environment. *Odd Fall* \$65

Department of Biology

BOT 4713C - Plant Taxonomy

Credit Hours: 5

Class Hours: 3
Lab and Field Work Hours: 6
Contact Hours: 9
Prerequisite(s): BOT 3015, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Systematic classification and identification of vascular plants, with emphasis on the flora of peninsular Florida. *Odd Spring* M&S fee \$45.00

Department of Biology

BOT 4850 - Medical Botany

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522 or a "C" (2.0) or better in PCB 3023, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Even Fall*

Department of Biology

BOT 4922 - Plant Science Capstone

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): PR: Biology Major, Plant Science Track, Senior year.

Prerequisite(s) or Corequisite(s): BOT 4303C, BOT 4503C and/or BOT 4713C

To acquire integrative experiences from internships, interviews, research experiences, ePortfolios to help build career readiness or apply for higher studies. *Spring* Graded S/U.

BSC 1005 - Biological Principles

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of various biological factors which affect the health and survival of man in modern society. Designed for non-majors. *Fall, Spring*

COS-BIOL

BSC 1005L - Biological Principles Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): BSC 1005. Prerequisite(s) or Corequisite(s): None.

The laboratory to accompany BSC 1005. *Fall, Spring*

COS-BIOL

BSC 2010C - Biology I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): High school biology or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* \$0

COS-BIOL

BSC 2010C - Honors General Biology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): Permission of Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$24.00

COS-BIOL

BSC 2010H - Biology I Honors

\$24

BSC 2011C - Biology II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): A "C" (2.0) or better in BSC 2010C or C.I. Preference will be given to students whose program requires this course. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* 10

COS-BIOL

BSC 3052 - Conservation Biology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A minimum grade of "C" (2.0) in PCB 3044 or CI.

Science, history and principles of conservation biology. *Occasional*

COS-BIOL

BSC 3312 - Principles of Marine Biology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): A minimum grade of "C" (2.0) in both BSC 2010C and BSC 2011C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides students with a foundation in the field of marine biology using a global perspective. *Even Fall*

COS-BIOL

BSC 3402C - Integrative Biology

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4
Prerequisite(s): BSC 2010C and BSC 2011C each with a "C" (2.0) or better, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A field-based course gathering information on natural history of various organisms in Florida, with special emphasis on scientific methods. *Occasional*

COS-BIOL

BSC 3403C - Honors Quantitative Biological Methods

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 4
Contact Hours: 7
Prerequisite(s): Consent of Honors, BSC 2010C, MCB 3020C, CHM 2046. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A laboratory course which presents the concepts, modern methods, techniques and instrumentation used in quantitative biological and molecular biological experimentation. Honors level content. *Fall*

COM-BSBS

BSC 3403C - Quantitative Biological Methods

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 4
Contact Hours: 7
Prerequisite(s): BSC 2010C, CHM 2046

A laboratory course which presents modern methods and instrumentation used in quantitative biological experimentation. *Spring Fall* M&S fee \$59.00

College of Medicine Burnett School of Biomedical Sciences

BSC 3424 - Nanobiotechnology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 1310, and either CHM 2046 or PHY 2054C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Biological processes in nano scale interactions with elements of physics & engineering. *Occasional*

COM-BSBS

BSC 3453C - Biological Research Methods and Experimental Design

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): 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.

Research methods in biology, with specific focus on critical thinking, scientific skepticism, experimental design, and working with data relevant to biological questions. *Fall, Spring, Summer*

Department of Biology

BSC 3843L - Strategies for Biology Academic Mentoring

Credit Hours: 2
Class Hours: 0
Lab and Field Work Hours: 2
Contact Hours: 2
Prerequisite(s): Junior or senior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Review research findings, theory, models and techniques of academic counseling and career advising. *Occasional* Graded S/U.

COS-BIOL

BSC 4312C - Advanced Marine Biology

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): BSC 3312 and a "C" (2.0) or better in PCB 3044. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An advanced treatment of current issues in marine biology, emphasizing biodiversity and marine conservation through research, service-learning and field experiences. *Even Spring* M&S fee \$45.00

COS-BIOL

BSC 4330 - Invasion Biology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): A "C" (2.0) or better in PCB 3044, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

General principles of invasion ecology. The study of addition of species into ecosystems as it provides insights into basic ecological and evolutionary questions. *Even Spring*

COS-BIOL

BSC 4422L - Biology Laboratory Techniques

Credit Hours: 1-4
Class Hours: 0
Lab and Field Work Hours: 3-12
Contact Hours: 3-12
Prerequisite(s): CHM 2210 and a "C" (2.0) or better in PCB 3044, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Individual and small group instruction in current laboratory techniques beyond the scope of typical Biology laboratories. May be repeated for credit. *Occasional* Graded S/U.

COS-BIOL

BSC 4434 - Biomedical Informatics: Sequence Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522 or PCB 3023 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Introduction of useful bioinformatics tools and resources on sequence analysis. *Fall*

COM-BSBS

BSC 4439 - Biomedical Informatics: Structure Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522 or PCB 3023 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Introduction of useful bioinformatics tools and resources on RNA and protein structure analysis. *Spring*

COM-BSBS

BSC 4445C - Genomics Laboratory

Credit Hours: 4

Class Hours: 1
Lab and Field Work Hours: 3
Contact Hours: 4
Prerequisite(s): 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. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Hands-on approach to understanding how genomic datasets are generated in the lab, and how they are analyzed computationally using bioinformatics pipelines. *Fall* \$70

COS-BIOL

BSC 4456C - Programming for Biologists

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Prerequisite(s): STA 2023, BSC 2011C, MAC 2311C, and PCB 3063, or CI.

Basic concepts in biological software applications and will cover multiple computer languages and biological topics. *Fall*

Department of Biology

BSC 4821 - Biogeography

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): A "C" (2.0) or better in both PCB 3044 and PCB 4683, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Study of geographic variation in nature, ranging from past to present and genes to ecosystems. *Occasional*

COS-BIOL

BSC 4861L - Urban Ecological Field Studies

Credit Hours: 3

Class Hours: 0
Lab and Field Work Hours: 3
Contact Hours: 3
Prerequisite(s): A "C" (2.0) or better in BSC 2010C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A service-learning course utilizing an interdisciplinary approach to developing models and implementing programs designed to result in environmental sustainability. *Even Fall*

COS-BIOL

BSC 4927 - Scientific and Public Engagement for Biology Majors

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): 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

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. *Odd Spring*

Department of Biology

BSC 4937 - Instructional Experiences in Undergraduate Biology

Credit Hours: 2

Class Hours: 0
Lab and Field Work Hours: 2
Contact Hours: 2
Prerequisite(s): PCB 3063, Biology major with 80 semester hours and 3.0 gpa. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Preparation of undergraduate students to more effectively learn biological concepts by facilitating learning in variety of university biology labs. May be repeated for credit. *Fall, Spring* Graded S/U.

COS-BIOL

BTE 4410 - Course Construction in Business Education

Credit Hours: 3

Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview and examination of

business curriculum and methodology integrated into the workforce frameworks. Planning and preparation of materials, managing the laboratory and involvement in career & technical student organizations. *Odd Spring*

Department of Educational Leadership & Higher Education

BUL 3130 - Legal and Ethical Environment of Business

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of each course in the Business common program prerequisites with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of the law as a dynamic social and political institution in the business environment, including contract law, torts, and ethical consideration. *Fall, Spring*

BA-ACCT

BUL 3130H - Honors Legal & Ethical Environment of Business:

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing and business major or minor, permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of the law as a dynamic social and political institution in the business environment, including ethical considerations with honors level content. *Occasional*

BA-ACCT

BUL 4540 - Employment Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Management major or minor, MAN 3025 and MAN 3301. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

An examination of current employment law and issues/trends in the legal environment impacting human resource management system design, HRM policy and employee relations. *Fall*

BA-MAN

CAP 3104 - Foundations of HCI

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CGS 2545C each with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CS

CAP 4053 - AI for Game Programming

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3502C with a grade of "C" (2.0) or better or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Surveys cutting-edge AI techniques for video games and board games and contrasts them with more traditional approaches. *Spring*

ECS-CS

CAP 4102 - Web and User Experience (UX)

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3502C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Even Fall*

ECS-EECS

CAP 4145 - Introduction to Malware Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CIS 3360, (CGS 3269 or CDA 3103C), (CGS 3763 or COP 4600), or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-CS

CAP 4314 - Social Network Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CNT 3004 and COP 3330. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

ECS-CS

CAP 4453 - Robot Vision

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C and MAC 2312 each with a grade of "C" (2.0) or better or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Perspective and orthographic projections; the processing of edges, regions, motion, shading, texture, object detection, recognition, and machine learning. *Fall, Spring*

ECS-CS

CAP 4630 - Artificial Intelligence

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C with a grade of "C" (2.0) or better and COT 3960. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Current methods in AI: knowledge-based systems, representation, inference, planning, natural language. Programming in Lisp or Prolog required. *Fall*

ECS-CS

CAP 4720 - Computer Graphics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C and MAC 1114C each with a grade of "C" (2.0) or better, and COT 3960. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Math for computer graphics, visibility and shading, graphics and data structure, curves and surfaces, commodity graphics hardware, and

graphics API. *Occasional*

ECS-CS

CCE 4003 - Introduction to the Construction Industry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EGN 3613, EGN 3310 all with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project delivery systems, construction contracts; estimating and scheduling; ethics and labor issues. *Fall, Spring*

ECS-CECE

CCE 4004 - Construction Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CES 4100C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Construction methods for civil and structural systems, design of temporary structures, safety, and building codes. *Spring*

ECS-CECE

CCE 4034 - Construction Estimating and Scheduling

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCE 4003 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Construction project estimating and bidding and the preparation of construction schedules, followed by in-depth coverage of time and cost control, and risk management. *Fall*

ECS-CECE

CCE 4402 - Construction Equipment and Productivity

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCE 4003, CWR 3201 both with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Selection of appropriate equipment based on operational parameters, principles of construction productivity measurement and analysis, process design, and discrete event simulation. *Spring*

ECS-CECE

CCE 4810C - Construction Design Project

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): CCE 4034 and CCE 4813 all with a grade of "C" (2.0) or better, and department consent. Corequisite(s): CCE 4402 and CCE 4004. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-CECE

CCE 4813 - Mechanical and Electrical Systems for Buildings:

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): CCE 4003, PHY 2049C, CWR 3201 all with grades of "C" (2.0) or better. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Design and construction of mechanical and electrical systems for buildings. *Fall*

ECS-CECE

CCJ 3014 - Crime in America

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of crime and criminality in the United States, with emphasis on crime data, its weaknesses, and types of criminal behavior. *Fall, Spring*

HPA-CJ

CCJ 3024 - Criminal Justice System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the components and of their interdependence in light of their traditional autonomy. *Fall, Spring*

HPA-CJ

CCJ 3450 - The Criminal Justice Manager

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Elements of first-line supervision and executive development.

Administrative leadership; its nature; methods, and traits. Recent theories and research in leadership.

Occasional

HPA-CJ

CCJ 3451 - Justice System Technology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of the relevance of scientific and technological developments to justice systems and their applicability to the operations and management of the systems. *Occasional*

HPA-CJ

CCJ 3483 - Labor Relations in Criminal Justice

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): CCJ 3024 and CCJ 3450 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Examine the role of public sector labor relations in criminal justice to include management-employee relationships, collective bargaining process, employee organizations, and federal-state laws. *Occasional*

HPA-CJ

CCJ 3667 - Victims and the CJ System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or declared Victim Advocacy Certificate or C.I. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Course examines Victims as they affect the Criminal Justice system, the dimensions of criminal victimization, and victim offender programs. *Occasional*

HPA-CJ

CCJ 3930 - Origins of Criminal Justice Practices and Policies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Level Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-CJ

CCJ 4035 - Crime and the Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explore how the criminal justice system, criminals, and crime are portrayed in the media and its impact on society and the criminal justice system. *Fall, Spring*

HPA-CJ

CCJ 4054 - Capstone: Criminal Justice Ethics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Senior Standing and CCJ 4746 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of criminal justice ethical issues. Moral dilemmas across police, courts, corrections and juvenile justice including development of humane policies and procedures. *Fall, Spring*

HPA-CJ

CCJ 4064 - Criminal Justice Dimensions of Genocide

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3014 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-CJ

CCJ 4076 - Crime Intelligence and Investigative Support Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides an understanding of basic crime intelligence and investigative support analytical tools and information management systems employed to assist law enforcement. *Occasional*

HPA-CJ

CCJ 4129 - Cultural Diversity in Criminal Justice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or

(declared Victim Advocacy

Certificate & Junior Standing) or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course focuses on the problems and issues associated with race, ethnic and gender relations in the administration of justice in a democratic society. *Occasional*

HPA-CJ

CCJ 4195 - Interviews & Interrogations in CJ

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or

(Criminal Profiling or Crime Scene Investigation certificate declared & Junior standing) or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The criminal justice interview process including history of criminal justice interviews, the use of Miranda, non-verbal listening, and the rules of testimonial evidence. *Fall, Spring*

HPA-CJ

CCJ 4296 - Famous Crimes & Trials

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3014 or CCJ 3024 or consent of instructor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A detailed examination of selected famous American crimes and trials since 1900. *Occasional*

HPA-CJ

CCJ 4334 - Punishment and Torture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and

sophomore standing or CI

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contemporary issues associated with formal social control by government and religious institutions and how it has been utilized historically. *Occasional*

HPA-CJ

CCJ 4361 - Death Penalty

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

This course provides students an opportunity to analyze and discuss complex issues surrounding the death penalty and the criminal justice system. *Occasional*

HPA-CJ

CCJ 4611 - Ritualistic Crime and Investigations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102,

Sophomore Standing or CI

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contemporary issues associated with ritualistic crime investigations. *Occasional*

HPA-CJ

CCJ 4632 - Older Adults and the Criminal Justice System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and (Jr.

Standing or declared Victim Advocacy Certificate) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of older adults as victims and offenders within the Criminal Justice system. *Occasional*

HPA-CJ

CCJ 4641 - Organized Crime

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of organized crime, including structures, history and activities, and of issues surrounding efforts to define and control it. *Occasional*

HPA-CJ

CCJ 4644 - White Collar Crime

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3014 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classic definitions and statements on white collar crime concepts, concepts and criminal activities, types of fraud, investigations, environmental crime, and corporate crime. *Occasional*

HPA-CJ

CCJ 4651 - Drugs and Crime

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

HPA-CJ

CCJ 4670 - Women and Crime

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course covers women in criminal justice as offenders and prisoners, as well as crime victims and professionals working in the system. *Occasional*

HPA-CJ

CCJ 4677 - Human Rights and Criminal Justice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or C.I. Image already added

Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

In-depth analysis of human rights movement and its potential impact upon criminal law, as well as the juvenile and criminal justice system. *Occasional*

HPA-CJ

CCJ 4681 - Domestic Violence and the Justice System

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or (declared Victim Advocacy Certificate & Junior standing) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the nature and causes of forms of domestic violence, pertaining to laws, prevention strategies, and justice system response. *Occasional*

HPA-CJ

CCJ 4690 - Sex Offenders and the Criminal Justice System

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (Junior standing and CCJ 3024 and CJ majors) or (Junior standing and Criminal Profiling or Victim Advocacy certificate declared) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides students a better understanding of how the criminal justice system deals with sex offenders and their offenses. *Fall, Spring*

HPA-CJ

CCJ 4694 - Human Trafficking and Criminal Justice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Human trafficking from the global, national and local criminal justice perspectives. *Occasional*

HPA-CJ

CCJ 4701 - Research Methods in Criminal Justice

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): CCJ 3014 and CCJ 3024, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of the social science research methodologies used in criminal justice, covers the major forms of research designs used by social science and evaluates their strengths and weaknesses. *Fall, Spring*

HPA-CJ

CCJ 4746 - Data Analysis for Criminal Justice

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

HPA-CJ

CCJ 4934 - Emergent Criminal Justice Issues

Credit Hours: 1-3

Class Hours: 1-3

Lab and Field Work Hours: 0

Contact Hours: 1-3

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Developing trends and issues in criminal justice facing administrators, practitioners, and researchers. May be repeated for credit. *Occasional*

HPA-CJ

CDA 3103C - Computer Logic and Organization

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): COP 3223C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Logic design, computer arithmetic, Instruction Set Architecture (MIPS, SPIM simulator), performance, data path, control unit, memory hierarchy, I/O interface. *Fall, Spring*

ECS-CS

CEG 4011C - Geotechnical Engineering I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): EGN 3331C and CWR 3201 both with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Engineering properties and classification of soils. Design considerations for compaction, seepage, consolidation, and settlement analysis. *Fall, Spring* M&S fee \$21.00

ECS-CECE

CEG 4012 - Geotechnical Engineering II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CEG 4011C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Consolidation, shear strength, earth pressures and retaining walls, bearing capacity, foundation considerations, and slope stability. *Fall, Spring*

ECS-CECE

CEG 4801C - Geotechnical Engineering Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): CEG 4012 with a grade of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project course on design of foundations and other soil structures using geotechnical design methodologies. *Fall, Spring* M&S fee \$14.00

ECS-CECE

CEN 3024 - Software Development I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3330 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-ECS

CEN 4025 - Software Development II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CEN 3024 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

ECS-ECS

CEN 4333 - Advanced Database Development

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3330 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Spring*

ECS-ECS

CEN 4350 - Open Source Web Technologies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3330 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Web application development using currently popular open-source/open-standard tools. User-interface, the business layer, database, and deploying to the webserver. *Spring*

ECS-ECS

CEN 4360 - Mobile Device Software Development

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): COP 3330 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Concepts and practice of software development for mobile devices. User interface, data persistence, data communication, use of APIs for sound, mapping, GPS, sensors, etc. *Fall*

ECS-ECS

CEN 4370 - .NET Software Development using C#

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3330 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

.NET Windows and Web application development. Use of the .NET Framework class library. N-tier architecture. User interface, collections, database connectivity, and deployment. *Spring*

ECS-ECS

CEN 4802 - Software Integration, Configuration, and Testing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CEN 3024 or equivalent or CI. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Addresses approaches and issues associated with integration of software subsystems and components into one system to ensure that the subsystems function together. *Fall*

ECS-ECS

CEN 4910 - Software Development Project

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CEN 4025 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Spring*

ECS-ECS

CES 4100C - Structural Analysis I and Lab

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): EGN 3331C and CGN 3405 both with grades of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$21.00

ECS-CECE

CES 4205 - Structural Mechanics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EGN 3331C and CGN 3405 both with grades of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced mechanics of materials applied to civil structural systems, elasticity, torsion, inelastic bending, failure theory for concrete and soils, compatibility, equilibrium, and energy methods. *Spring*

ECS-CECE

CES 4605 - Steel Structures**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CES 4100C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CECE

CES 4702 - Reinforced Concrete Structures**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CES 4100C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Design of RC members using ACI code; beam flexure and shear; compression bending; bond and development; introduction to continuous frames. *Fall, Spring*

ECS-CECE

CES 4743C - Structural Design**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): CES 4605 and CES 4702 both with grade of "C" (2.0) or better and department consent.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$24.00

ECS-CECE

CET 3010 - Introduction to Information Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to IT field, including binary representation, graphics, data compression, information theory, transmission and storage technology, and communications. *Fall, Spring*

ECS-ECS

CET 3383 - Applied Systems Analysis I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Approved programming course or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of system analysis, design, development and implementation cycle. Includes Object Oriented Programming (OOP) to implement system programs. *Spring*

ECS-ECS

CET 4427 - Applied Database I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Approved programming course or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Design and implementation of data base systems within the concept of central administration, structured data storage. Programming project. *Fall*

ECS-ECS

CET 4483 - Intro to Local Area Network Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Approved programming course or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introductory level course in local area networks. Topics in data communications, computer networking, local area network technology, topologies, and protocols will be covered. *Spring*

ECS-ECS

CET 4505 - Applied Operating Systems I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CET 2364.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be repeated for credit. *Fall*

ECS-ECS

CET 4663 - Computer and Network Security**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CET 4483, MAC 1105C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Fundamentals of computer security technology, including cryptography,

authentication, digital signatures, and network security tools and applications. *Spring*

ECS-ECS

CET 4748 - Wide Area Networks I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CET 4483 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designing Wide Area Networks; determining requirements, designing the networks, structure, choosing appropriate technologies, and evaluating results. *Fall*

ECS-ECS

CET 4749 - Wide Area Networks II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CET 4748.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Traffic and cost generators. Access network design. Multi-speed access designs. Multilocal-access and mesh network design. *Spring*

ECS-ECS

CGN 3405 - Applied Numerical Methods for Civil Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2313 with a grade of "C" (2.0) or better;

Corequisite(s): MAP 2302.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CECE

CGN 3501C - Civil Engineering Materials

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): A grade of "C" (2.0) or better in EGN 3331C and in CHS 1440 or CHM 2045C or CHM 2041.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The characterization of materials used in civil engineering works to include concrete, bituminous polymers and composite materials. *Fall, Spring* M&S fee \$30.00

CECS-CECE

CGN 3700C - Civil Engineering Measurements

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): MAC 2312 and PHY 2049C both with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Engineering measurement, data analysis, and experimental hardware including electronics, system components, and calibration. Specific applications in civil engineering including surveying, GPS, and GIS *Fall, Spring* M&S fee \$30.00

ECS-CECE

CGN 4309 - Introduction to Smart Cities

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in (CGN 3405 or EML 3034C or EEL 4832).

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. *Fall*

Department of Civil, Environmental, and Construction Engineering

CGN 4808C - CECE Capstone Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): "C" (2.0) or better in a previous CECE design course and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CECE

CGS 1060C - Introduction to Computers

Credit Hours: 3

Contact Hours: 3

Department of Computer Science

CGS 2100C - Computer Fundamentals for Business

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Uses of computers and software in business, including business applications, commercial packages, and the internet. Not open to

Computer Science majors. *Fall, Spring*

ECS-CS

CGS 2545C - Database Concepts

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Entity-relation model, relational database managements systems, normal forms, performance or databases, report generation. *Fall, Spring*

ECS-CS

CGS 2585C - Desktop/Internet Publishing

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Principles and techniques of page layout and formatting for documents and newsletters, presentation techniques, construction of web pages and design of integrated websites. *Occasional*

ECS-CS

CGS 3175 - Internet Applications

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

HTML coding, using images, sound and animation, advanced text formatting, forms and CGS scripts, introduction to javascript. *Fall, Spring*

ECS-CS

CGS 3269 - Computer Architecture Concepts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

CPU organization, current computer architectures, network file servers. *Fall, Spring*

ECS-CS

CGS 3763 - Operating System Concepts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

System calls, concept of processes, CPU scheduling, security issues, client server paradigms, and computer supported workgroups. *Occasional*

ECS-CS

CHI 1120C - Elementary Chinese Language and Civilization I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed to initiate the student to the major language skills: listening, speaking, reading and writing. *Fall*

CAH-LANG

CHI 1121C - Elementary Chinese Language and Civilization II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): CHI 1120C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of CHI 1120C. *Spring*

CAH-LANG

CHI 2200 - Intermediate Chinese I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHI 1121C or equivalent or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of Chinese language skills at the intermediate level. *Fall, Spring*

CAH-LANG

CHI 2201 - Intermediate Chinese II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHI 2200. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of CHI 2200 with emphasis on Chinese cultures. *Fall, Spring*

CAH-LANG

CHM 1020 - Concepts in Chemistry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): High school Algebra.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Concepts will be examined to provide insight into the significant role that chemistry plays in our culture. Intended as a general education course. *Fall, Spring*

COS-CHEM

CHM 1032 - General Chemistry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C or

MGF 1106 or equivalent.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

An introductory study of the fundamental concepts of chemistry, primarily oriented toward Health Science majors. The "NC" grading policy applies to this course. *Fall, Spring*

COS-CHEM

CHM 1032L - General Chemistry Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): CHM 1032.

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. *Fall, Spring* M&S fee \$54.00

COS-CHEM

CHM 2040 - Chemistry Fundamentals IA

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$6.00

COS-CHEM

CHM 2041 - Chemistry Fundamentals IB

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2040 or its equivalent with a grade of C or better. Not open to students with credit in CHM 2045C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The second semester of CHM 2040. Atomic structure, periodicity, chemical bonding, states of matter, gases. The "NC" grading policy applies to this course. *Fall, Spring*

COS-CHEM

CHM 2045C - Chemistry Fundamentals I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): A passing score in the Chemistry Placement Exam. Not open to students with credit in both CHM 2040C and CHM 2041C.

Priority will be given to students whose major requires this course.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of modern chemistry, units and measures, basic physical theory of chemical reactivity, stoichiometry, reactions in aqueous solutions, thermochemistry, atomic structure, periodicity, chemical bonding, states of matter, gases. The "NC" grading policy applies to this course. *Fall, Spring* M&S fee \$9.00

COS-CHEM

CHM 2045C - Honors Chemistry Fundamentals I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): A passing score in the Chemistry Placement Exam. Not open to students with credit in both CHM 2040C and CHM 2041C.

Priority will be given to students whose major requires this course.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Same as CHM 2045C with honors-level content. *Fall* M&S fee \$9.00

COS-CHEM

CHM 2046 - Chemistry Fundamentals II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) grade or better in CHM 2045C or CHM 2041. Priority will be given to students

whose major requires this course.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of CHM 2045C or the
CHM 2040 & CHM 2041 sequence.
Intermolecular forces, solutions and
colligative properties, equilibria,
thermodynamics, chemical kinetics,
electrochemistry, nuclear chemistry.
Fall, Spring

COS-CHEM

CHM 2046C - Honors Chemistry Fundamentals II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): A "C" (2.0) or better
in CHM 2045C and permission of
Honors. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Same as CHM 2046 and CHM
2046L with honors-level content.
Spring M&S fee \$45.00

COS-CHEM

CHM 2046L - Chemistry Fundamentals Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): CHM 2046. Priority
will be given to students whose
major requires this course.

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. *Fall, Spring* M&S fee
\$45.00

COS-CHEM

CHM 2205 - Introduction to Organic and Biochemistry

Credit Hours: 5

Class Hours: 5

Lab and Field Work Hours: 0

Contact Hours: 5

Prerequisite(s): CHM 1032 or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

An introduction to organic
chemistry, stressing the chemistry of
functional groups and a survey of the
biochemistry of proteins,
carbohydrates, lipids, and nucleic
acids. *Spring*

COS-CHEM

CHM 2210 - Organic Chemistry I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): A "C" (2.0) or better
in CHM 2046. Priority will be given
to students whose major requires this
course. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Theory and applications of organic
chemistry: structure, bonding,
kinetics, thermodynamics, reaction
mechanisms, synthesis, and
stereochemistry. Structure
elucidation via spectrometric
techniques. *Fall, Spring*

COS-CHEM

CHM 2210H - Honors Organic Chemistry I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: A "C" (2.0 or
better in CHM 2046 and consent of
Honors

Theory and applications of organic
chemistry: structure, bonding,
kinetics, thermodynamics, reaction
mechanisms, synthesis, and

stereochemistry. Structure
elucidation via spectrometric
techniques with honors content. *Fall*

CHM 2211 - Organic Chemistry II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2210. Priority
will be given to students whose
major requires this course.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of CHM 2210. *Fall,
Spring*

COS-CHEM

CHM 2211H - Honors Organic Chemistry II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: A "C" (2.0 or
better in CHM 2210 or CHM 2210H
and consent of Honors

Continuation of CHM 2210H with
honors content. *Spring*

CHM 2211L - Organic Laboratory Techniques I

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): CHM 2046L and
CHM 2210. Priority will be given to
students whose major requires this
course. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

An introduction to the laboratory
techniques of organic chemistry,
including the preparation, reaction,
and analysis of organic 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. *Fall, Spring* M&S fee \$70.00

COS-CHEM

CHM 3120 - Analytical Chemistry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2046, CHM 2046L. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Classical and instrumental analysis. Choice of preferred analytical methods and techniques is emphasized through applications involving both inorganic and organic systems. *Fall, Spring*

COS-CHEM

CHM 3120L - Analytical Chemistry Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): CHM 2046, CHM 2046L, and Corequisite(s): None.

Prerequisite(s) or Corequisite(s): CHM 3120.

Experimental exercise of quantitative methods of analysis using titrimetric, gravimetric, potentiometric and photometric methods of analysis including statistical treatment of experimental data. 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. *Fall, Spring* M&S fee \$70.00

COS-CHEM

CHM 3215L - Organic Laboratory Techniques II

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): CHM 2211 and CHM 2211L. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Open-end laboratory to develop synthesis techniques and structure elucidation skills. 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. *Fall* M&S fee \$70.00

COS-CHEM

CHM 3410 - Physical Chemistry I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): CHM 2046, PHY 2049C, and MAC 2312.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rigorous treatment of atomic and molecular structure, thermodynamics, kinetics, and chemical bonding. *Fall*

COS-CHEM

CHM 3411 - Physical Chemistry II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 3410.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of CHM 3410. *Spring*

COS-CHEM

CHM 3411L - Physical Chemistry Laboratory

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): CHM 3120 and

Corequisite(s): CHM 3411.

Prerequisite(s) or Corequisite(s): None.

Classical as well as modern instrumental techniques coupled with computer data processing to measure physical properties and determine atomic and molecular parameters. *Spring* M&S fee \$70.00

COS-CHEM

CHM 3422 - Applied Physical Chemistry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PHY 2049C and MAC 2312. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Physical chemistry as applied to the study of biological and forensic science. *Fall*

COS-CHEM

CHM 4130 - Advanced Analytical Laboratory Technique

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2211, CHM 3120 (with a minimum grade of "C" or 2.0) and Corequisite(s): None.

Prerequisite(s) or Corequisite(s): CHM 3411 or CHM 3422.

Modern methods of analysis including electrochemistry, spectroscopy, and separation techniques. *Spring*

COS-CHEM

CHM 4130L - Advanced Analytical Chemistry Laboratory

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): CHM 4130.

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. *Spring* M&S fee \$70.00

COS-CHEM

CHM 4220 - Organic Chemistry III

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CHM 2211 or its equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Organic reaction mechanisms and retrosynthetic analysis and their application to synthetic chemistry. *Even Fall*

COS-CHEM

CHM 4223 - Advanced Organic Chemistry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): CHM 2211 with C (2.0) or better or equivalent
Corequisite(s): N/A Prerequisite(s) or Corequisite(s): N/A

Theoretical and experimental treatment of physical organic chemistry concepts from the perspective of modern structural theory, thermodynamics, and kinetics *Odd Fall*

Department of Chemistry

CHM 4230 - Applied Molecular Spectroscopy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2211 and CHM 3120 both with C (2.0) or better or C.I. Corequisite(s): N/A
Prerequisite(s) or Corequisite(s): N/A

Determination of chemical structure through interpretation of UV, IR, NMR, and Mass Spectra. *Spring*

Department of Chemistry

CHM 4427 - Electrochemistry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CHM 2046.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Electrochemical methods and their applications. *Odd Fall*

COS-CHEM

CHM 4610 - Inorganic Chemistry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 3411.

A discussion of descriptive inorganic chemistry based on various bonding theories, thermodynamics, and kinetics. *Spring*

COS-CHEM

CHM 4610L - Inorganic Chemistry Laboratory

Credit Hours: 2

Class Hours: 0
Lab and Field Work Hours: 6
Contact Hours: 6
Prerequisite(s): CHM 4610.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of physical and chemical properties and synthetic techniques

in Inorganic Chemistry. *Fall* M&S fee \$70.00

COS-CHEM

CHM 4930 - Chemistry Seminar I

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): None. Corequisite(s): CHM 4912, or CI Prerequisite(s) or Corequisite(s): None.

In consultation with research adviser, student selects faculty committee. Prepares draft seminar on undergraduate research. Attends and reports on faculty seminars. Completes CITI ethics course. *Fall, Spring*

COS-CHEM

CHM 4931 - Chemistry Seminar II

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): CHM 4930.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student builds upon the seminar prepared in CHM 4930 and presents it to the student's faculty committee. Attends and reports on faculty level seminars. *Fall, Spring*

COS-CHEM

CHS 1440 - Principles of Chemistry

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): One year of high school chemistry or CHM 1032.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

COS-CHEM

CHS 3501 - Introduction to Forensic Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Preference will be given to students whose majors require this course. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intended for majors and non-majors to provide an overview of the specialty areas in the forensic crime lab. *Fall*

COS-CHEM

CHS 3505C - Forensic Microscopy

Credit Hours: 4

Class Hours: 2

Lab and Field Work Hours: 6

Contact Hours: 8

Prerequisite(s): C' grade or better in CHM 2046 & L, and CHS 3501, and MAC 2312. Prerequisite(s) or Corequisite(s): PHY 2049C. The study of the polarized light microscope and its use in the identification and comparison of trace evidence.

Fall 70

COS-CHEM

CHS 3511C - Trace Evidence

Credit Hours: 4

Class Hours: 2

Lab and Field Work Hours: 6

Contact Hours: 8

Prerequisite(s): C' grade or better in CHM 2211, CHM 3120, CHM 3120L, CHS 3505C.

An advanced study of the techniques used to identify and compare trace

evidence. *Spring 70*

COS-CHEM

CHS 3530C - Forensic Analysis of Controlled Substances

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): C' grade or better in CHM 2211, CHM 2211L, CHM 3120, CHM 3120L, CHS 3511C

Study of presumptive tests, isolation, and instrumental techniques used in identification of controlled substances. *Fall 70*

COS-CHEM

CHS 3533 - Forensic Biochemistry I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): C' or better in PCB 3063. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts and procedures of contemporary forensic biochemistry, including the identification of body fluids and the use of genetic markers to establish identity. *Fall*

COS-CHEM

CHS 3533L - Forensic Biochemistry I Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): C' or better in PCB 3063, PCB 3063L. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHS 3533.

Concepts and procedures of contemporary forensic biochemistry. Emphasis on techniques and procedures used in operational crime laboratories in the U.S. *Fall M&S*

fee \$70.00

COS-CHEM

CHS 3595 - Forensic Science in the Courtroom

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" grade or better in CHS 3501 and senior level in Forensic Science. Corequisite(s): None.

The special needs of the forensic scientist in preparing for and participating in courtroom proceedings. *Spring*

COS-CHEM

CHS 4506C - Forensic Investigation Technology

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): A grade of "C" or better in CHS 3505C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Modern technology applied to forensic investigation. *Occasional*

COS-CHEM

CHS 4515C - Forensic Crime Scene Investigation

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Grade of 'C' or better in CHS 3505C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Procedures for the collection, processing, and investigation of forensic evidence discovered at a crime scene. *Occasional*

COS-CHEM

CHS 4534C - Forensic Biochemistry II

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 6
Contact Hours: 7
Prerequisite(s): CHS 3533C and C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring* M&S fee \$70.00

COS-CHEM

CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" or better in CHS 3501, STA 2023, CHM 3120 and CHM 3120L or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts and principles of quality assurance as well as professional practices in forensic science. *Spring*

COS-CHEM

CHS 4591 - Forensic Science Internship

Credit Hours: 3

Class Hours: 0
Lab and Field Work Hours: 30
Contact Hours: 30
Prerequisite(s): Senior standing, within 8 hrs. of completion of degree requirements, and 2.5 GPA in the major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Credit for full-time work (one semester; 300 hours) at a forensic science agency under the supervision of faculty and agency representative. May be repeated for credit *Fall*,

Spring

COS-CHEM

CHS 4615 - Environmental Chemistry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CHM 2046, senior level in biological, molecular, chemical or engineering sciences, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of environmental chemistry, survey of environmental law, remediation technologies, industrial practices and environmentally responsible chemistry. *Odd Spring*

COS-CHEM

CIS 3003 - Fundamentals of Information Technology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CGS 2545C and COP 3223C each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

ECS-CS

CIS 3360 - Security in Computing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3223C or EGN 3211 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

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. *Occasional*

ECS-CS

CIS 3362 - Cryptography and Information Security

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3223C or EGN 3211, and MAC 1114C each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Encryption algorithms and ciphers. Public and private keys. Key infrastructures. Authentication, confidentiality, integrity, and nonrepudiation. Digital signatures and certificates. Hash and digest algorithms. Standards. *Occasional*

ECS-CS

CIS 3921 - Careers in IT

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): COP 3223C and IT major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview of the IT field, job opportunities and careers in information technology, detailed information about some jobs as well as a broad survey. *Fall, Spring*

ECS-CS

CIS 3990 - IT Career and Academic Advising I

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0

Contact Hours: 0
Prerequisite(s): PHY 2053C and IT major. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Mandatory meeting with students and their faculty advisor for career/academic advising. *Fall, Spring*

ECS-CS

CIS 4004 - Web-Based Information Technology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (CNT 3004 and COP 3330) or (COP 3503C and Computer Science major) each with grades of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Digital libraries. Media formats. Compression. Streaming Media. Mobile internet and WML. Emerging technologies. Capacity planning for web services. *Fall, Spring*

ECS-CS

CIS 4203C - Digital Forensics

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): (COP 4600 or CGS 3763) and (CIS 3360 or CIS 3362) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Operating system forensics, digital media forensics, networking forensics, various digital devices forensics. User activity profiling and digital storage recovery. *Fall*

ECS-EECS

CIS 4361 - Secure Operating Systems and Administration

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CIS 3360 with a grade of "C" (2.0) or better; Corequisite(s): COP 4600 or CGS 3763 or EEL 4882. Prerequisite(s) or Corequisite(s): None.

Understanding of secure operating systems requirements, design principles and theories, protection methods, access control, authentication, vulnerability, analysis and case studies. *Occasional*

ECS-CS

CIS 4524 - Managing IT Integration

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CIS 3003 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Requirements, acquisition and sourcing. Integration. Project management. Testing and QA. Organizational context. Architecture. *Spring*

ECS-CS

CIS 4615 - Secure Software Development and Assurance

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (COP 4600 or CGS 3763) and (CIS 3360 or CIS 3362) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Threat modeling and risk analysis, development of secure software, software assurance techniques, analyzing and auditing software. *Occasional*

ECS-CS

CIS 4940C - Topics in Cybersecurity

Credit Hours: 3
Class Hours: 1
Lab and Field Work Hours: 3
Contact Hours: 4
Prerequisite(s): CIS 3360 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-EECS

CIS 4991 - IT Career and Academic Advising II

Credit Hours: 0
Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): CIS 3990 and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mandatory meeting with students and their faculty advisor for career/academic advising. *Fall, Spring*

ECS-CS

CJC 3010 - Corrections and Penology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories, structures, and methods of institutional and non-institutional processing and treatment of convicted criminals and juvenile offenders. *Fall, Spring*

HPA-CJ

CJC 3134 - Prisons and jails**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CJC 3010.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview and analysis of issues in institutional corrections, focusing on prison and jail history, inmates, guards, administration and management, and programming.

Occasional

HPA-CJ

CJC 3164 - Community-Based Corrections**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 and CJC 3010 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

An overview and analysis of correction interventions and treatment programs in the community. *Occasional*

HPA-CJ

CJC 4410 - Correctional Interventions in Criminal Justice**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing and CJC 3010. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intervention techniques used with juvenile and adult offenders in institutional and community-based settings and study of the theoretical foundations. *Occasional*

HPA-CJ

CJE 3001 - Careers in Criminal Justice**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Introductory course with focus on components of the Criminal Justice process (police, courts, and corrections) and employment opportunities within the criminal justice system. *Fall, Spring*

HPA-CJ

CJE 3444 - Crime Prevention**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

An overview and analysis of crime prevention strategies used in the private and public sectors. *Fall, Spring*

HPA-CJ

CJE 3662 - CJ Information Technology and Data Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (Sophomore Standing and CGS 1060C) or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed to familiarize with concepts of databases, uses, and applicability to crime analysis. *Occasional*

HPA-CJ

CJE 4012 - Criminal Profiling in Criminal Justice**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3014 or (Criminal Profiling or Crime Scene Investigation Certificate declared and Junior Standing) or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines criminal profiling undertaken by law enforcement and prosecution authorities which consists of gathering, reviewing and analyzing evidence pertaining to violent crimes. *Occasional*

HPA-CJ

CJE 4014 - Police and Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the varied roles of police in contemporary society. Emphasis is on dynamics of police/citizen interactions and the police subculture. *Fall, Spring*

HPA-CJ

CJE 4174 - Comparative Justice Systems**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): CCJ 3024 and CJL 3510 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A survey of contemporary foreign criminal justice and differences emerging from various political, cultural and legal systems. *Occasional*

HPA-CJ

CJE 4352 - Policy Development in Law Enforcement

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-CJ

CJE 4410 - Community Policing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The viability of community policing. The theoretical basis for community interventions are related to the daily operations required by community policing. *Occasional*

HPA-CJ

CJE 4572 - Justice Agency Operations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Elements, functions, and processes essential to the continuing management of various criminal justice agencies, institutions and

court systems. *Occasional*

HPA-CJ

CJE 4610 - Criminal Investigation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CJE 4014 or (Criminal Profiling or Crime Scene Investigation certificate declared) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Course acquaints students with basic Procedures used in Criminal investigations, purpose of investigations, and ingredients for successful investigations. *Fall, Spring*

HPA-CJ

CJE 4630 - Serial Murder and Criminal Justice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing and ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of extent, types, and explanations of serial murder, and responses of the general public, law enforcement, and prosecution. *Occasional*

HPA-CJ

CJE 4654 - Crime and Place

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or (Crime Analysis and Crime Mapping Certificate declared and Junior Standing) or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides an understanding of how physical environmental features - the natural and built environment - influences crime events. *Occasional*

HPA-CJ

CJE 4663 - Crime Mapping and Pattern Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CJE 3662 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides essential theoretical knowledge and hands on experience mapping crime and other spatial criminal justice data and analyzing crime patterns. *Occasional*

HPA-CJ

CJE 4694 - Cybercrime and the Criminal Justice System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview of criminal justice responses to cybercrime including enforcement, behavioral, and social factors that influence its perpetration, prevention, and prosecution. *Occasional*

HPA-CJ

CJJ 4564 - Juvenile Justice System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (CCJ 3024 and CJ Majors) or Victim Advocacy Certificate declared or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of programs and

institutions including juvenile court process, intake services, and remedial procedures and practices. *Occasional*

HPA-CJ

CJL 3110 - Criminal Law in Action

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic concepts of criminal law: elements of major crimes, criminal responsibility, defenses, and parties to crime. *Fall, Spring*

HPA-CJ

CJL 3510 - Prosecution and Adjudication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of structures and goals of offices and prosecution and criminal trial courts, and of the processes of charging, adjudicating, and sentencing defendants. *Fall, Spring*

HPA-CJ

CJL 4010 - Legal Aspects of Policing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CJE 4014. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The legal dimensions of various police decision-making stages;

including stops and frisks; arrests; searches and seizures wiretappings; and, interrogations *Occasional*

HPA-CJ

CJL 4046 - Liability Issues in Criminal Justice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of fundamental liability concepts regarding criminal justice practices including the use of force across policing, courts and corrections. *Occasional*

HPA-CJ

CJL 4410 - Legal Aspects of the Criminal Court Process

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CJL 3510. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The legal dimension of various criminal court decision making stages, including; bail; charging; preliminary hearing; grand jury; pretrial hearings plea hearings; trial; and, sentencing *Occasional*

HPA-CJ

CJL 4514 - Criminal Sentencing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CCJ 3024, CJL 3510. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the myriad theoretical, empirical and operational issues involved in criminal sentencing policy in American society.

Occasional

HPA-CJ

CJT 3803 - Security Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SCC 3311 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of a global security management environment impacted by downsizing a dramatically changing work force, religious extremism/terrorism, technological revolution and other challenges. *Occasional*

HPA-CJ

CJT 3821 - Practical Security Applications

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of basic security principles applied to practical specific security situations encountered in the Central Florida area. *Occasional*

HPA-CJ

CJT 4843 - Risk Management in Criminal Justice/Private Security

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SCC 3311 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course examines the concept of risk management in a criminal justice context. *Occasional*

HPA-CJ

CLP 3004 - Behavioral Self Control

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of behavioral and biofeedback techniques to self-regulation. *Occasional*

COS-PSYCH

CLP 3143 - Abnormal Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classification, causation, and treatment of deviant patterns of behavior. *Fall, Spring*

COS-PSYCH

CLP 3143H - Honors Abnormal Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012 and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classification, causation, and treatment of deviant patterns of behavior. With Honors content. *Occasional*

COS-PSYCH

CLP 3184 - Women's Mental Health

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Social and cultural factors of mental health issues and conditions that are unique to or primarily impact women in the U.S. today. *Occasional*

COS-PSYCH

CLP 3302 - Clinical Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CLP 3143.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview of approaches to psychopathology, methods of clinical assessment, and various approaches to individual and group counseling. *Fall, Spring*

COS-PSYCH

CLP 3413 - Contemporary Behavior Therapy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CLP 3143.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Emphasis on the underlying principles and the specific intervention procedures which are utilized in contemporary behavior therapy, including treatment strategies for particular behavior disorders. *Occasional*

COS-PSYCH

CLP 3467 - Interpersonal Effectiveness and Group Psychotherapy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Psychological aspects of interpersonal relationships, the rationale for group therapy, and strategies for enhancing interpersonal skills and personal growth. *Occasional*

COS-PSYCH

CLP 4134 - Childhood Psychopathology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012, CLP 3143, DEP 2004C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth survey of the prevalence, classification, symptoms, diagnosis, consequences, and treatments of disorders of infancy, childhood, and adolescence. *Fall, Odd Spring*

COS-PSYCH

CLP 4314 - Health Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

COS-PSYCH

CLP 4390 - Forensic Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PSY 2012.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Clinical practice of psychology within the legal system, including forensic evaluation of competency/insanity, treatment, and criminal profiling. *Occasional*

COS-PSYCH

CLT 3370 - Classical Mythology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Myths of the Greeks & Romans studied through excerpts from ancient sources and experienced through works of art, literature, and music. *Occasional*

CAH-PHIL

CLT 3378 - Comparative Mythology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Common themes found in the myths of various cultures; theories of their origins, meaning and value in human experience. *Occasional*

CAH-PHIL

CNT 3004 - Computer Network Concepts**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PHY 2053C with a grade of "C" (2.0) or better and,

Corequisite(s): CIS 3990.

Prerequisite(s) or Corequisite(s): None.

Network media, protocol, current and evolving standards for local, metropolitan, wide area and wireless networks. *Fall, Spring*

ECS-CS

CNT 4403 - Network Security and Privacy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamentals of network security, protocols, secure applications, network intrusion detection, security policy, firewalls, and privacy issues. *Occasional*

ECS-CS

CNT 4425C - Cloud Computing Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): CGS 3763 or COP 4600 with a grade of "C" (2.0) or better. Administration of cloud computing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-CS

CNT 4603 - System Administration and Maintenance**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CGS 3763 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CS

CNT 4703C - Design and Implementation of Computer Communication Networks**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): (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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$16.00

ECS-CS

CNT 4704 - Analysis of Computer Communication Networks

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (COT 3100C or MAD 2104) and STA 2023 each with grades of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Network design using layering. Introduces cabling, topology, architecture, hardware and software. Includes performance and control issues such as congestion control, error control, contention resolution. *Occasional*

ECS-CS

CNT 4714 - Enterprise Computing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Client-server architecture. Server-side scripting: Servlets, JSP, PHP. JDBC and MySQL database; connectivity. Multi-threaded Java applications. J2EE development. SSL., Event-driven programming. *Fall, Spring*

ECS-CS

CNT 4932 - Wireless Communication and Networking**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CNT 4703 or CNT 4704 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-EECS

CNT 4932C - Wireless Communications Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): CNT 3004 or CNT 4704 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

An overview of wireless data communications systems and devices. Topics include explanation of the technology and implementing, testing, configuring, and troubleshooting equipment in the lab. *Occasional*

ECS-CS

COM 1000 - Introduction to Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Survey course introducing students to theory, research, and practical principles associated with human communication in interpersonal, public, and professional contexts. *Fall, Spring*

COS-COMM

COM 3003 - Exploring Human Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The variety of topics and contexts that human communication scholars examine, the theories that have emerged and the research that creates the theories. *Occasional*

COS-COMM

COM 3011C - Communication and Human Relations**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3311 or COM 3003, or CI

Semantics; symbols and meaning and their relationship with human behavior. *Fall, Spring*

COS-COMM

COM 3311 - Communication Research Methods**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 2014C and I-O Major or I-O Minor, or Human Communication major or Human Communication minor, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Research methods used in communication. Understanding and interpretation of original research emphasized. *Fall, Spring*

COS-COMM

COM 3330 - Computer Mediated Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): RTV major- Media Management & Operations specialization or Mass Communication Minor, and CGS

1060 or STA 2014C or STA 2023, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Communicating through computers. The foundations and applications of online and interactive multimedia applications, including trends and limitations. *Occasional*

COS-COMM

COM 3402 - Communication Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: PR or CR: COM 3003 or CI

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. *Fall, Spring*

COM 3406 - Role of Motivation in Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3311 or COM 3003, or C.I.

Motivation theories that directly affect the process of human communication. *Occasional*

COS-COMM

COM 3800 - Conflict Communication Research Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major and either SPC 1608,

or SPC 1603, or COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Survey of research methods used by conflict communication scholars; emphasis on approaches, methodologies, and analyses used to inform the process of human conflict communication. *Fall, Spring*

COS-COMM

COM 3801 - Relational Conflict Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3800 or COM 3311 or C.I.

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. *Occasional*

COS-COMM

COM 3802 - Principles of Communication & Conflict

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major and SPC 1608, SPC 1603C, or COM 1000, or C.I. Corequisite(s): None.

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. *Fall, Spring*

COS-COMM

COM 3912 - Collaborative Experiential Research Practicum

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either SPC 1608, SPC 1603C or COM 1000, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times. *Occasional*

COS-COMM

COM 4013 - Communication and the Family

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3003 or C.I.

The ways members of a family unit interact verbally and nonverbally to influence one another. *Fall, Spring*

COS-COMM

COM 4014 - Gender Issues in Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing, and one of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of how communication exchanges, both verbal and non-verbal, differ between men and women, and how these differences are manifested. *Fall, Spring*

COS-COMM

COM 4022 - Principles of Health Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPC 1608 or SPC 1603C or COM 1000 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and research about the role communication plays in health.
Spring

COS-COMM

COM 4026 - Current Issues in Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Communications and Conflict major Prerequisite(s) or Corequisite(s): COM 3003 or CI

Topics for this course will vary based on current issues in Communications *Occasional*

COM 4110 - Business and Professional Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theoretical and practical training in effective presentational speaking for business and professions. *Fall*

COS-COMM

COM 4120 - Organizational Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Health

Communication Certificate or

Communication and Conflict major .

Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3003 or C.I.

A study of communication functions and problems within the contexts of hierarchies. *Fall, Spring*

COS-COMM

COM 4221 - Health Literacy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: PR or CR: COM 3003

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. *Fall*

COM 4332 - Communication, Technology, and Change**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3003 or C.I.

How new technologies influence (and are influenced by) communication in a variety of contexts, including organization and interpersonal settings. *Fall, Spring*

COS-COMM

COM 4416 - Terrorism and Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following: SPC 1603C, SPC 1608, COM 1000 or CI. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

COS-COMM

COM 4416H - Honors Terrorism and Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following: SPC 1603C, or SPC 1608, or COM 1000 or C.I., and Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

COS-COMM

COM 4461 - Intercultural Communication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing, and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of variables affecting messages and participants in intercultural contexts. *Fall, Spring*

COS-COMM

COM 4462 - Conflict Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): COM 3311 or COM 3003, or C.I.

The study of communication in everyday conflicts. *Fall, Spring*

COS-COMM

COM 4550 - Public Communication Campaigns

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COM 3311 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course examines the strategies and effects of public communication campaigns aimed at informing and persuading audiences in health, political and environmental contexts. *Spring*

COS-COMM

COM 4563 - Principles of Social Innovation and Activism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Communication and Conflict major Prerequisite(s) or Corequisite(s): COM 3003 or CI

This course examines and applies foundational communication knowledge, theories and skills to advocate for social justice in the modern world. *Fall*

COM 4803 - Third Party Processes & Intervention

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COM 3802 and Communication & Conflict Major or C.I. Corequisite(s): None.

Identify components and skills in multiple third party processes including mediation, arbitration, and

facilitation; build conflict management and process design skills. *Spring*

COS-COMM

COM 4804 - Communication in Cultural Conflict Context

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): COM 3800 or COM 3311 or C.I.

Exploration of communication factors that contribute to the development of conflict across groups, cultures and societies. *Fall, Spring*

COS-COMM

COM 4805 - Transformative Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): COM 3800 or COM 3311 or C.I.

Examines various western and non-western belief/ethical systems, and how conflict may be perceived, communicated and interpreted using metaphysical approaches to conflict management. *Fall*

COS-COMM

COM 4806 - Communication & Conflict Case Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Communication & Conflict major and Senior Standing, COM 3800 or COM 3311 and COM 3802 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Application of communication and conflict theories to intercultural and community case studies, examining historical, political, and cultural elements of empowerment and peace-building. *Spring*

COS-COMM

COM 4903/4970 - Honors in the Major

COM 4903H - Honors Directed Reading I

COM 4906 - Independent Study

COM 4912 - Research

COM 4934C - Topics in Intercultural Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): COM1000, SPC1603, or SPC1608

This course investigates advanced topics in intercultural communication, depending on the choice of the instructor. Possible topics include Global Health Communication, Ethnography of Speaking, Critical Perspectives on Intercultural Communication *Spring*

Department of Communication (NSCM)

COM 4941 - Internship

COM 4945 - Domestic Practicum

COM 4970H - Honors Undergrad Thesis

COP 2500C - Concepts in Computer Science

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or
Corequisite(s): None.

Fundamental concepts in program
design, data structures, algorithms,
analysis and a survey of topics in CS.
Not open to Computer Science
majors. *Fall, Spring*

ECS-CS

**COP 3223C - Introduction to
Programming with C**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Programming in C including arrays,
pointer manipulation and use of
standard C math and IO libraries.
Fall, Spring

ECS-CS

**COP 3223H - Honors Introduction
to Programming with C**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Consent of Honors.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Programming with C including
arrays, pointer manipulation and use
of standard C math and IO libraries.
With Honors content. *Fall*

ECS-CS

**COP 3330 - Object Oriented
Programming**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3223C or EGN
3211 with a grade of "C" (2.0) or
better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Object oriented programming
concepts (classes, objects, methods,
encapsulating, inheritance,
interfaces) and the expression of
these concepts in the programming
languages such as JAVA. *Fall,
Spring*

ECS-CS

COP 3402 - Systems Software

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): CDA 3103C and
COP 3502C each with a grade of "C"
(2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Design and development of
assemblers, linkers, loaders, and
compilers. Study memory hierarchy,
program performance, and system
level I/O. *Fall, Spring*

ECS-CS

COP 3502C - Computer Science I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): (COP 3223C or EGN
3211) and MAC 1105C all with a
grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Problem solving techniques, order
analysis and notation, abstract data
types, and recursion. *Fall, Spring*

ECS-CS

**COP 3502H - Honors Computer
Science I**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of
Honors and (COP 3223C or EGN
3211) and MAC 1105C all with a

grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Problem solving techniques, order
analysis and notation, abstract data
types, and recursion. *Spring*

ECS-CS

COP 3503C - Computer Science II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): COP 3502C and
COP 3330 and (MAD 2104 or COT
3100C) all with a grade of "C" (2.0)
or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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.
Fall, Spring

ECS-CS

**COP 3503H - Honors Computer
Science II**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): 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.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

ECS-CS

COP 4020 - Programming Languages I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C with a grade of "C" or better and COT 3960. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CS

COP 4331C - Processes for Object-Oriented Software Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): COP 3503C with a grade of "C" (2.0) or better and COT 3960 (CS majors). Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts, principles, processes and methods for developing large software systems featuring a team project using object-oriented design in UML and implementation in C++. *Fall, Spring*

ECS-CS

COP 4516C - Problem Solving Techniques and Team Dynamics

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): COP 3503C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Design and implement solutions to

problems requiring the applications of the different algorithms. Team project format. *Occasional*

ECS-CS

COP 4520 - Concepts of Parallel and Distributed Processing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and COT 3960.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Parallel and distributed paradigms, architectures and algorithms, and the analytical tools, environments and languages needed to support these paradigms. *Occasional*

ECS-CS

COP 4600 - Operating Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C and COP 3402 (CS majors) each with a grade of "C" (2.0) or better and COT 3960 (CS majors). Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Function and organization of operating systems, process management, virtual memory, I/O management, and file management. *Fall, Spring*

ECS-CS

COP 4710 - Database Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3503C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Storage and access Structures, database models and languages, related database design, and implementation techniques for database management systems. *Fall, Spring*

ECS-CS

COP 4910 - Frontiers in Information Technology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CNT 4603 with a grade of "C" (2.0) or better; Corequisite(s): CNT 4703C and CIS 4991. Prerequisite(s) or Corequisite(s): None.

Research into leading edge information technologies that have a high likelihood of affecting the work place in the two to five year time frame. *Fall, Spring*

ECS-CS

COP 4934 - Senior Design I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and consent of Department of EECS; Corequisite(s): COP 4331C. Prerequisite(s) or Corequisite(s): None.

Students work in teams to demonstrate their knowledge of computer science and apply it to realistic and meaningful problems. *Fall, Spring*

ECS-CS

COP 4935 - Senior Design II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): COP 4934 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students work in teams to demonstrate their knowledge of computer science and apply it to realistic and meaningful problems.
Fall, Spring

ECS-CS

COT 3100C - Introduction to Discrete Structures

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): MAC 2311C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity. *Fall, Spring*

ECS-CS

COT 3100H - Honors Introduction to Discrete Structures

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of Honors and MAC 2311C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity.
Occasional

ECS-CS

COT 3930H - Mathematical Modeling and Scientific Computing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Permission of Honors and MAC 2311C and (COP 3223C or EGN 3211

Combines Mathematics and Computing Techniques to solve a diverse array of real-life problems.

COT 3960 - Foundation Exam

Credit Hours: 0

Prerequisite(s): COP3502C with a grade of "C"(2.0) or better.

Fall, Spring, Summer Graded S/U.

Department of Computer Science

COT 4210 - Discrete Structures II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3503C and MAC 2312 each with a grade of "C" (2.0) or better and COT 3960.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Computation theory. A study of the properties of grammars and automata as formal specifications for algorithms and families of languages. *Fall, Spring*

ECS-CS

COT 4400 - Tools for Algorithm Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COT 3960 and COP 3503C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Tools from discrete and continuous mathematics for analyzing complexity of algorithms. Order notation use and manipulation.
Occasional

ECS-CS

COT 4500 - Numerical Calculus

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAC 2312 and COP 3223C each with a grade of "C" (2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Numerical methods for finding roots of nonlinear equations, solutions of systems of linear equations, and ordinary differential equations.
Occasional

ECS-CS

COT 4810 - Topics in Computer Science

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and COT 3960.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A range of topics from the field of Computer science; application of oral and written communication skills; social, ethical and moral issues of computing. *Fall, Spring*

ECS-CS

CPO 3034 - Politics of Developing Areas

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): INR 2002 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comparative analysis of theories, problems and politics of development in Third World nations.
Even Fall

COS-POLS

CPO 3057 - Contemporary Revolution and Political Violence

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and cases of revolutionary change and political violence in the contemporary world. *Occasional*

COS-POLS

CPO 3103 - Comparative Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Government and politics in selected nations, with emphasis upon comparative analysis of contemporary problems, politics, political culture, behavior, and institutions. *Spring*

COS-POLS

CPO 3104 - Politics of Western Europe

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the political and economic dynamics of Western Europe in the post-1945 era. *Odd Spring*

COS-POLS

CPO 3132 - Canadian Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): POS 2041 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Canadian politics including identity formation, political institutions, political culture, and U.S./Canada relations. *Occasional*

COS-POLS

CPO 3403 - Politics of the Middle East

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the dynamics of Middle East politics, including both regional and international dimensions. *Occasional*

COS-POLS

CPO 3403H - Honors Politics of the Middle East

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the dynamics of Middle East politics, including both regional and international dimensions. Honors level content
Occasional

COS-POLS

CPO 3614 - Politics of Eastern Europe

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the political and economic dynamics of Eastern Europe in the post-1945 era.
Occasional

COS-POLS

CPO 4062 - Comparative Judicial Process

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of courts and judges in cross national context. Focus upon judicial recruitment, decisional patterns, and policy outcomes. *Occasional*

COS-POLS

CPO 4074 - Political Economy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interrelationship of political and economic phenomena of both advanced industrial societies and less developed countries. *Even Fall*

COS-POLS

CPO 4101 - Politics of the European Union

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Evolution of the European Union, theories of the EU and EU institutions and policies from a comparative perspective. *Spring*

COS-POLS

CPO 4123 - Government and Politics of Great Britain

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A survey of British government, society, politics and institutions, emphasizing parliamentary traditions. Britain's foreign policy and European role will be discussed. *Even Spring*

COS-POLS

CPO 4303 - Comparative Latin American Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Comparative analysis of politics, society and culture in Latin America and selected countries of the region. *Even Fall*

COS-POLS

CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): POS 2041, or INR 2002, or ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comprehensive analysis of Kurdish politics in the context of Middle Eastern politics, including the role of nationalism and identity, ethnic conflict, resistance, and gender. *Occasional*

COS-POLS

CPO 4445 - Comparative Political Parties

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Theories of the formation, structures, organization, and behavior of political parties and political party systems in comparative perspective. *Occasional*

COS-POLS

CPO 4514 - Politics of East Asia

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Major trends in political, economic, and sociocultural aspects in the East Asian region. *Occasional*

COS-POLS

CPO 4541 - Chinese Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS

2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

China's political development since 1949. *Occasional*

COS-POLS

CPO 4553 - Politics of Japan

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Evolution of the Japanese political system and how domestic and international politics influence the functioning of the Japanese economy. *Occasional*

COS-POLS

CPO 4643 - Government and Politics of Russia

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Study of the origins, institutions, and functioning of the Russian system, including the lingering influence of the old order on domestic and foreign policy. *Occasional*

COS-POLS

CPO 4710 - Women in Comparative Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A cross-national perspective on women and politics; how women behave politically in various political and economic contexts. *Occasional*

COS-POLS

CPO 4731 - Politics of Democratization

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041 or ENC 1102 or INR 2002 or Junior standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Develops comparative perspectives and analytical skills on issues of democratization and regime change. *Occasional*

COS-POLS

CPO 4754 - Comparative Political Institutions

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

COS-POLS

CPO 4784 - Political and Economic Inequality in Comparative Perspective

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Economic and political inequality and the nature of the link between them across countries with different political and economic institutions. *Occasional*

COS-POLS

CPO 4794 - Indigenous Politics and the Environment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Unique environmental politics specific to indigenous peoples around the world. *Occasional*

COS-POLS

CRW 3010H - Honors Creative Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and techniques of literary genres with honors level content; practice and critique of original writing by peers and critical reading of established authors. *Occasional*

CAH-ENG

CRW 3011 - Creative Writing for Non-Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-ENG

CRW 3013 - Creative Writing for English Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and grade of "C" (2.0) or better required in ENC 1102, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literary genres; practice and critique of peer writing; critical reading of established authors. *Fall, Spring*

CAH-ENG

CRW 3053 - Theory & Practice of Creative Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and a grade of "C" (2.0) or better in ENC 1102, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of the genres and readings in contemporary creative writing with attention to literary technique, and discussion of issues in the field. *Fall, Spring*

CAH-ENG

CRW 3120 - Fiction Writing Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or

minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An intermediate level fiction writing workshop for English majors; group analysis and criticism; close reading of contemporary fiction and fiction theory. *Fall, Spring*

CAH-ENG

CRW 3211 - Creative Nonfiction Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-ENG

CRW 3310 - Poetry Writing Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An intermediate level poetry workshop for English majors. Group analysis and criticism; close reading of contemporary poetry and poetic theory. *Fall, Spring*

CAH-ENG

CRW 3311 - Readings in Poetry for Creative Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive study of the structural characteristics of English, poetry, metrical systems, rhyme, scansion, and poetic rhetorical devices. *Occasional*

CAH-ENG

CRW 3540 - Literary Magazines

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of fiction and poetry trends in current literary magazines, identifying editorial policies in publication of contemporary literature. *Occasional*

CAH-ENG

CRW 3610 - Writing Scripts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of writing scripts for film and TV. *Fall, Spring*

CAH-ENG

CRW 3713 - Writing for Video Games

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic theories and practices associated with game design. Students learn effective writing techniques for developing original video games. *Occasional*

CAH-ENG

CRW 3950 - Cypress Dome Editorship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Responsibility for all aspects of editing The Cypress Dome-UCF's student literary journal. May be used in the degree program a maximum of 2 times. *Fall, Spring*

CAH-ENG

CRW 4114 - History of Prose Style

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Close study of style and craft in exemplary works of fiction and

creative nonfiction from various time periods. *Occasional*

CAH-ENG

CRW 4122 - Advanced Fiction Writing Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3120, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive writing practice in fiction. Peer critique and group discussion of original manuscripts. *Fall, Spring*

CAH-ENG

CRW 4123 - Science Fiction Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3120, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of science fiction literature and writing of original science fiction stories. Workshop format with critique of writing assignments. *Occasional*

CAH-ENG

CRW 4125 - Fantasy and Worldbuilding

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Grade of C (2.0) or better in CRW 3120 or C.I.

Theory and practice of fantasy writing, with particular emphasis on techniques of worldbuilding
Occasional

CRW 4224 - Advanced Nonfiction Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3211, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive reading, writing, and workshop of creative nonfiction drawing on memory, observation, journalistic research, and literary techniques. *Fall, Spring*

CAH-ENG

CRW 4320 - Advanced Poetry Writing Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3310, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive writing practice in poetry. Peer critique and group discussion of original manuscripts. *Fall, Spring*

CAH-ENG

CRW 4616 - Advanced Scriptwriting Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3610, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive practice in writing scripts. Peer critique and group discussion of original manuscripts. *Fall, Spring*

CAH-ENG

CRW 4722 - Editing for Creative Writers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-ENG

CRW 4724 - The Florida Review

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, junior standing, and a grade of "C" (2.0) or better required in CRW 3013, CRW 3053, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Hands-on experience with all aspects of Florida Review publishing, editing, and production in conjunction with this national journal. May be used in the degree program a maximum of 2 times.
Fall, Spring

CAH-ENG

CRW 4804 - Creative Writing in the Community

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Teaching creative writing to community groups through service-learning. *Occasional*

CAH-ENG

CWR 3201 - Engineering Fluid Mechanics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAP 2302, EGN 3310 both with a grade of "C" (2.0) or better
Corequisite(s): EGN 3321.
Prerequisite(s) or Corequisite(s): None.

Fundamentals of fluid mechanics with hydraulic applications: fluid properties, hydrostatics, dimensional analysis, energy, momentum, continuity, and steady flow. *Fall, Spring*

ECS-CECE

CWR 4120 - Hydrology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CWR 4202C and STA 3032 both with grades of "C" (2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Occurrence, distribution, and properties of fresh water on Earth and movement via physical processes. Application of hydrology, fluid mechanics, and computation to water resources. *Fall, Spring*

ECS-CECE

CWR 4124 - Hydrogeology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CWR 4202C and CEG 4011C both with grades of "C" (2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-CECE

CWR 4202C - Hydraulics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): CWR 3201 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of basic principles of fluids at rest and in motion to analysis and design of hydraulic systems. Empirical relationships for practical engineering problems. *Fall, Spring*

ECS-CECE

CWR 4632C - Water Resources Engineering I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): STA 3032 and CWR 3201 both with a grade of "C" (2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$21.00

ECS-CECE

CWR 4633C - Water Resources Engineering II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): CWR 4632C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provision of advanced understanding of hydrology, hydrologic river routing, open/closed channel, and groundwater hydraulic and some engineering applications of these concepts. *Fall, Spring*

ECS-CECE

CWR 4812C - Water Resources Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): CWR 4120 with a grade of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project course for the design of storm water, potable and sewer transmission systems using local and state regulations. *Fall, Spring* M&S fee \$15.00

ECS-CECE

DAA 2000C - Introduction to Theatre Dance

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic ballet, tap, and jazz technique. Recommended for students with no formal dance training. May be used in the degree program a maximum of 2 times. *Occasional*

CAH-THEA

DAA 2100C - Modern Dance I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Declared Theatre major or Dance minor and "C" (2.0) or better in DAA 2200C or department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Exploration of form, style, and technique in creative movement. Includes practical class work and history lectures. *Spring*

CAH-THEA

DAA 2200C - Ballet I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamentals of classical ballet; includes practical dance work as well as dance history lectures. *Fall*

CAH-THEA

DAA 2201C - Ballet II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2200C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intermediate classical ballet technique, including principles, theory, and practice technique. *Spring*

CAH-THEA

DAA 2300 - Ballroom Dance

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Instruction in selected ballroom dances (foxtrot, waltz, rumba, swing, samba, cha cha, tango, quickstep) focusing on dance and fitness aspects of ballroom dancing. *Fall, Spring*

ED-E&HS

DAA 2351 - Salsa & Latin Dance

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Instruction in salsa and selected other Latin dances (meringue, bachata, cha cha) focusing on Latin dance and fitness aspects of ballroom dancing. *Fall, Spring*

ED-E&HS

DAA 2393C - World Dance

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major or Dance minor, and "C" (2.0) or better in DAA 2200C or department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and applied technique with focus on one form, such as African dance, Flamenco, Irish dance, Indian dance, etc *Occasional*

CAH-THEA

DAA 2520C - Tap Dance I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or departmental consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Form, style, and technique in the basic fundamental movements of tap dance. *Fall*

CAH-THEA

DAA 2521C - Tap Dance II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2520C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intermediate exploration of form, style, and technique of tap dance. *Spring*

CAH-THEA

DAA 2570C - Jazz Dance I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): DAA 2200C, and Theatre major, or Dance minor, or department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic movements of American Jazz dance, including practical class work and Jazz dance history. *Fall, Spring*

CAH-THEA

DAA 2571C - Jazz Dance II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2570C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intermediate Jazz dance using theory and practice in jazz technique.
Spring

CAH-THEA

DAA 3004L - Dance Studio

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 2
Contact Hours: 2
Prerequisite(s): Theatre Major, Theatre Minor or Dance Minor and "C" (2.0) or better in any DAA course offered by the Theatre. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Periodic attendance at departmental dance classes with permission of individual instructors. May be repeated for credit. *Fall, Spring*
Graded S/U.

CAH-THEA

DAA 3208C - Ballet III

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2201C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced classical ballet technique, including principles, theory, and practice technique. May be repeated for credit. *Fall*

CAH-THEA

DAA 3508C - Jazz Dance III

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Theatre major, Dance minor, or department consent, and "C" (2.0) or better required in DAA 2571C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of jazz dance, using theory and practice of jazz technique. May be repeated for credit. *Fall*

CAH-THEA

DAA 3524C - Tap Dance III

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2521C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced exploration of form, style, and technique of tap dance. May be repeated for credit. *Fall*

CAH-THEA

DAA 3612 - Dance Improvisation/Composition I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DAA 2100C, Theatre major, Dance minor, or department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of dance composition. *Spring*

CAH-THEA

DAA 3645 - Choreography Practicum

Credit Hours: 2

Class Hours: 0
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): Theatre major,

Dance minor, or department consent, and C (2.0) or better required in DAA 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student practice in choreographing a concert dance work for public performance. May be used in the degree program a maximum of 5 times. *Spring*

CAH-THEA

DAA 3684 - Dance Performance

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): Theatre major, Dance minor, or department consent, C (2.0) or better required in DAA 2200C, or DAA 2201C, or DAA 3208C and audition. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student performance in a concert dance work. May be repeated for credit. *Spring* M&S fee \$15.00

CAH-THEA

DAE 3370 - Dance and Rhythmics

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The development of skill proficiency and instructional strategies in rhythmics and dance techniques, and fundamental movement patterns for grades K-12. *Occasional*

School of Teacher Education

DAN 3134 - Dance History I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101 or any

2000-level History course or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The roots, trends, and styles of dance
from prehistory through the early
20th century. *Fall*

CAH-THEA

DEP 2004 - Developmental Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The effects of genetic, psychological,
maturation, and social factors on
behavior throughout the life cycle.
Fall, Spring

COS-PSYCH

DEP 2004H - Honors Developmental Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012 and
consent of Honors. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Genetic, psychological, maturational,
and social factors on behavior
throughout the life cycle. With
Honors content. *Fall*

COS-PSYCH

DEP 3202 - Psychology of Exceptional Children

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Psychological problems of

exceptional children, including
diagnosis, associated emotional
problems, effects of
institutionalization, special class
placement, attitudes, and appropriate
intervention methods. *Occasional*

COS-PSYCH

DEP 3464 - Psychology of Aging

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Occasional*

COS-PSYCH

DIG 2000 - Introduction to Digital Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAC1105C.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Introduction to history, principles,
and processes associated with digital
media and designing for digital
media with emphasis on production
and communication. *Fall, Spring*

CAH-SVAD

DIG 2030 - Digital Video Fundamentals

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 2000 and
MAC1105C. Corequisite(s): DIG
2000. Prerequisite(s) or
Corequisite(s): None.

Introduces concepts and principles of
producing and assembling digital
video and the tools and techniques of
video and sound capture. *Fall,
Spring*

CAH-SVAD

DIG 2109 - Digital Imaging Fundamentals

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s) or Corequisite(s):
PR/CR DIG 2000 and MAC 1105C

Introduces concepts and principles of
image creation, and the tools and
techniques of image capture,
creation, manipulation, and
integration for design concepts. *Fall,
Spring*

Department of Games and
Interactive Media (NSCM)

DIG 2500 - Fundamentals of Interactive Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s) or Corequisite(s):
PR/CR DIG 2000 and MAC 1105C

Foundations of interactive media
including user-interface design.
Students combine audio, video,
imaging, and animation using
industry standard software. *Fall,
Spring*

Department of Games and
Interactive Media (NSCM)

DIG 2783 - Fundamentals of Game Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: DIG 2000

Fundamental understanding of

contemporary game art topics including vector vs raster graphics, 2D sprite animation, basic modeling, and texturing. *Fall, Spring*

DIG 3003 - Adventures in Emerging Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the rules and culture of emerging media. The course is presented online in a nonlinear "choose your own adventure" format. *Occasional*

CAH-SVAD

DIG 3024 - Digital Cultures & Narrative

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 2000 'B' and DIG 2030 Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Understanding of digital cultures and narrative theories from an interdisciplinary perspective. Conceptual structure and design of visual and interactive storytelling. *Fall, Spring*

Department of Games and Interactive Media (NSCM)

DIG 3043 - Evolution of Video Games

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Evolution of video games since the first game in the early 1950s to

contemporary games. *Fall, Spring*

CAH-SVAD

DIG 3118 - Digital Tools and Technologies: Graphic Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better in DIG 2000 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Composition, editing, and manipulation of digital imagery using Adobe Photoshop, including layering, typographic design and working with 3D images. *Fall, Spring*

CAH-SVAD

DIG 3134C - Server-Side Scripting

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): DIG 3716C, DIG 3174C Corequisite(s): None
Prerequisite(s) or Corequisite(s): None

Principles of server-side development, including database design. *Fall, Spring*

Department of Games and Interactive Media (NSCM)

DIG 3146 - Social Platforms

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: DIG 2000, DIG 2030, DIG 2109, DIG 2500

Introduction to social media as platforms, considering the affordances of contemporary platforms and platform-specific content production. *Fall, Spring*

Department of Games and Interactive Media (NSCM)

DIG 3153 - Writing for Digital Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Minimum grade of "B" (3.0) in DIG 2000.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-SVAD

DIG 3171 - Tools for Digital Humanities

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101 Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examination of digital tools and techniques, including web and games, used for projects and research in digital humanities. *Occasional*

Department of Games and Interactive Media (NSCM)

DIG 3174C - Front-End Web Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): PR: DIG 2500

Principles of front-end web design using current markup and style languages. *Fall*

DIG 3175 - Design for Accessibility and Engagement

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: DIG 3174C
Front-End Web Design

A multidisciplinary examination of methods and strategies for designing accessible and engaging web applications. *Fall, Spring*

DIG 3355C - Artificial Environments and Effects

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s) or Corequisite(s): DIG3951

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. *Fall, Spring*

School of Visual Arts and Design

DIG 3362C - Artificial Characters

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): DIG 2109 and C.I.
Corequisite(s): DIG 3951.
Prerequisite(s) or Corequisite(s): None.

Processes and techniques for design and manipulation of artificial characters to convey story, thought, or concept in a visual medium. *Fall, Spring*

CAH-SVAD

DIG 3433C - Visual Storytelling and Visual Development

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2

Contact Hours: 4
Prerequisite(s) or Corequisite(s): DIG 3951.

Processes and techniques to transform story concepts into a producible visual experience. *Fall, Spring*

School of Visual Arts and Design

DIG 3450 - Interactive Performance I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission by audition only. Digital Media, Theatre majors, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation. *Fall, Spring*

CAH-SVAD

DIG 3450H - Honors Interactive Performance I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C.I. and consent of Honors. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation. With Honors content. *Occasional*

CAH-SVAD

DIG 3480 - Computer as a Medium

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 2500, DIG 2030 and DIG 2109. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-SVAD

DIG 3525 - Digital Media Production I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 2030, DIG 2109, DIG 2500, and a minimum grade of "B" (3.0) in DIG 2000.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Media project planning, organization and execution; group dynamics. Software tools for project planning, scheduling and management. *Fall, Spring*

CAH-SVAD

DIG 3554 - Digital Tools and Technologies: Web Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better in DIG 2000 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Creative and functional website design and development using Adobe Dreamweaver, including use of CSS, HTML, and incorporation of media and mobile design. *Fall, Spring*

CAH-SVAD

DIG 3563 - Information Management and Entrepreneurship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): DIG 3525.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Managing digital assets from both technical and fiduciary aspects with a view towards creating, storing, retrieving assets, and authoring of databases and file types. Introduction of basic financial and entrepreneurial elements of starting and running a small business. *Fall, Spring*

CAH-SVAD

DIG 3602C - Physical Computing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 2500, DIG 2109 and DIG 2030

Integrate physical computing techniques and hardware design into their digital media projects and games. *Spring*

DIG 3716C - Client-Side Scripting**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 2500.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Object-oriented web programming using client-side scripting languages. *Spring*

CAH-SVAD

DIG 3727C - Game Level Design**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 3480, DIG 4713, and DIG 4780C

Modern game engine

implementation and coding techniques in the support of immersive level design. *Spring*

DIG 3728C - Game Testing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 4713, DIG

3480, DIG 4780c Corequisite(s):

none Prerequisite(s) or

Corequisite(s): DIG 4713, DIG 3480,

DIG 4780c (prerequisites)

In this class students will learn how to test video games to analyze what is successful in various interactive play experience. They will learn what makes the game good and bad and how it relates to that game's marketability. Students will test professional released games as well as games developed by their peers for quality assurance. This practice will mimic the certification process used by the professional video game industry. Students will create testing reports, develop test plans, and design tests for technical quality assurance, interface standards, memory leaks and bug tracking. This course includes a required lab section.

Spring

Department of Games and Interactive Media (NSCM)

DIG 3811 - User-Centered Design**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): DIG 3525.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Applying knowledge about cognition and behavior to design usable interfaces and systems. *Fall, Spring*

CAH-SVAD

DIG 3951 - Character Animation Portfolio Review**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Review of relevant digital and artistic works in a student's portfolio. *Fall* Graded S/U.

CAH-SVAD

DIG 4104C - Web Design Workshop I**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 3716C and

DIG 3134C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Individual web development and master professional workflow tools. May be used in the degree program a maximum of 2 times. *Fall*

CAH-SVAD

DIG 4138 - Digital Sculpting**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 4324C

Develop sculptures in the real world, transpose them to a real-time virtual environment and output 3D virtual content back to a physical form. *Fall*

DIG 4172C - Web Design Workshop II**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): PR: DIG 4104C

Practice collaborative skills through designing and implementing professional quality websites *Spring*

DIG 4206C - New Imagery in Motion Workshop

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 4325C, successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

CAH-SVAD

DIG 4294C - Post-Production Game FX

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 4138 - Digital Sculpting

Polishing theories, techniques, and tools to increase the depth of interactivity and create a more visually dynamic experience. *Spring*

DIG 4295C - Game Optimization & Performance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): DIG 4778C and DIG 4725C

Optimize code and game engine assets to improve performance in games. *Spring*

Department of Games and Interactive Media (NSCM)

DIG 4323C - Modeling for Visual Language

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 4451C or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of techniques taught to model, rig, and prepare artificial characters so that they may be animated effectively and express narrative for digital production. *Fall*

CAH-SVAD

DIG 4324C - Modeling for Realtime Systems II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 4780C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Low and high-poly mesh, textures and maps, level of detail, animation, character creation, rigging, and weighting for use in real-time systems and learn to design around the limitations of a game engine. *Spring*

CAH-SVAD

DIG 4325C - Look Modeling Workshop

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 4780C and PR/CR ART 3950, OR DIG 4323C and DIG 3951.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques, mechanics of designing, developing finished look emphasis on rendering, shading, texturing, and lighting. *Spring*

School of Visual Arts and Design

DIG 4326C - Geometrical Modeling Workshop

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 4780C and PR/CR ART 3950, OR DIG 4323C and DIG 3951.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques and mechanics of designing and manipulating geometrical representations of artificial characters and their environments; introduction to procedural models. *Spring*

School of Visual Arts and Design

DIG 4354C - Advanced 3D Animation

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 4323C, successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced tools, concepts and techniques developed in the previous 3D animation courses. Students apply techniques to 3D character animation. *Spring*

CAH-SVAD

DIG 4359C - Artificial Environments and Effects Workshop

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): DIG 3355C and successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques and mechanics of artificial environments, with emphasis on compositing, image processing, visual style, visual continuity. *Spring*

CAH-SVAD

DIG 4369C - Artificial Characters Workshop

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 3362C and successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques and mechanics of artificial characters, with emphasis on attitude in action, personality of character expressions, and bringing characters to life. *Spring*

CAH-SVAD

DIG 4373C - 3D Textures

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 4323C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced application of lighting and surface attributes, improving on the tools, concepts, and techniques learned in previous 3D courses. *Spring*

CAH-SVAD

DIG 4394C - Motion Graphics: Advanced Compositing

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 4359C, successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

CAH-SVAD

DIG 4395 - Motion Capture for Performance

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAC 1105C, and DIG 3480 or TPA 2200, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Develop creative skills, learn theory and technology of motion capture systems for live and recorded dramatic performance, augmented & virtual reality, training, and educational applications. *Spring*

CAH-SVAD

DIG 4434C - Narrative Techniques in the Moving Image

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 4451C, successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced application of techniques in Visual Language employed in story production focusing on advancing a narrative and evoking emotion. *Spring*

CAH-SVAD

DIG 4451C - Visual Storytelling and Visual Development Workshop

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 3433C and successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques, mechanics of visual development with emphasis on strong visual designs which communicate effectively. *Odd Spring*

CAH-SVAD

DIG 4455 - Interactive Performance II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 3450C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of Interactive Performance I, with focus on the integration of actors, audience participation, technology, and story structure. *Spring*

CAH-SVAD

DIG 4486C - Visual Language of Moving Image II

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 3433C, successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

CAH-SVAD

DIG 4503C - Rapid Application Web Development

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): DIG 3134C and DIG 3716C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Asynchronous web development using current server-side and client-side scripting techniques and database technologies. *Spring*

Department of Games and
Interactive Media (NSCM)

**DIG 4526 - Digital Media
Production II**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 3525 and a
minimum grade of "B" (3.0) or better
in DIG 2000. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Management and execution of large
digital media projects, using
structured methods and tools learned
in Digital Media Production I. *Fall,
Spring*

CAH-SVAD

**DIG 4530C - Media for e-
Commerce**

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): DIG 3134C and DIG
3716C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

The applications of server-side
internet programming languages and
media theory to e-commerce,
internet security, and online portals.
Fall, Spring

CAH-SVAD

DIG 4595 - Portfolio Development

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: DIG 4725C

Creation and marketing of personal
portfolio and application of
necessary communication skills to
obtain industry-level employment.
Spring

**DIG 4624C - Digital Production in
Artificial Environments**

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 4
Contact Hours: 5
Prerequisite(s): DIG 4359C,
successful portfolio review, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

CAH-SVAD

DIG 4630 - Creative Industries

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 3525.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall, Spring*

Department of Games and
Interactive Media (NSCM)

DIG 4633C - Multi-Modal Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): PR: DIG 2109, DIG
2030, and DIG 2500

Examine and develop for emerging
platforms with an emphasis on multi-
platform support. *Fall*

DIG 4639C - Mobile Development

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2

Contact Hours: 4
Prerequisite(s): PR: DIG 3716C and
DIG 3174C Front-End Web Design

Developing mobile applications
using native web technologies.
Spring

**DIG 4693C - Production Software
Workshop**

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): DIG 3134C or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Advanced programming techniques
for a variety of web-based
applications using ActionScript,
including dynamic and input text,
variables, physics, artificial
intelligence, collision detection, user
interaction, and animation. *Spring*

CAH-SVAD

**DIG 4704 - Interactive
Entertainment**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 3525 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Ways to apply diverse skills of film
making to digital media, non-linear
story telling, virtual reality, video
games and non-traditional education
and military simulation. *Fall, Spring*

CAH-SVAD

DIG 4713 - Game Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): DIG 2109, DIG 2500
and DIG 2030. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Principles and theories of video game design, including software, content, interaction, and game play design. Project based. *Fall, Spring*

CAH-SVAD

DIG 4715C - Game Production

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 4713 with a minimum grade of 'B' (3.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and theories of video game production, including project planning, scripting, 3D modeling and texturing, level design, and audio. Project based. *Fall, Spring*

Department of Games and Interactive Media (NSCM)

DIG 4720C - Casual Game Production

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 4713 and DIG 4715C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Design and implement casual video games using professional tools and iterative design techniques. *Fall, Spring*

CAH-SVAD

DIG 4725C - Game Design Workshop I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 4715C and DIG 3728. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Design and pre-production of a game

using professional tools and iterative design techniques. May be used in the degree program a maximum of 4 times. *Fall*

CAH-SVAD

DIG 4726C - Game Design Workshop II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 4725C

Team-based continuation of DIG 4725C. Game design, production, and testing using professional tools and iterative design techniques. *Spring*

DIG 4778C - Game Design Tools & Plugins

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: DIG 3727C Game Level Design

Game development techniques for designing tools for other designers to use, implement plugins, and extend the game engine to accomplish game development goals. *Fall*

DIG 4780C - Modeling for Realtime Systems

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): DIG 2109 and a minimum grade of "B" (3.0) in DIG 2000. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-SVAD

DIG 4813 - Contemporary Topics in Digital Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: DIG 2500, DIG 2109, and DIG 2030

A multidisciplinary examination of emerging methods and strategies to design engaging experiences in areas spanning digital media. *Spring*

DIG 4855 - Converging Media Capstone

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): GEB 3031

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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, proto-typing, development, marketing and assessment paralleling the business world. *Even Fall, Even Spring*

CAH-SVAD

DSC 4012 - Terrorism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of competing ideologies of a variety of social and political conflicts (both international and domestic) that give rise to terrorism and of the implications for the criminal justice system. *Occasional*

HPA-CJ

DSC 4013 - Homeland Security and Criminal Justice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and ENC 1102. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Analysis of homeland safety and security in contemporary society and government. *Occasional*

HPA-CJ

EAB 3703 - Principles of Behavior Modification

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PSY 2012.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

COS-PSYCH

EAB 3706 - Behavior Modification - Part II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EAB 3703

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continued examination of the principles of behavior analysis and their application, as well as ethical issues related to the delivery of behavior analysis programs. *Occasional*

COS-PSYCH

EAP 1850 - English for Academic Purposes I

Credit Hours: 6

Class Hours: 6

Lab and Field Work Hours: 0

Contact Hours: 6

Prerequisite(s): Admission to the Global Achievement Academy (GAA). Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Development of academic skills for international students. Topics include academic reading and vocabulary development; listening and note-taking; and writing practice and oral communication. *Fall, Spring*

CAH-LANG

EAP 2851 - English for Academic Purposes II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-LANG

EAS 3101 - Fundamentals of Aerodynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in EML 3701. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Viscous, incompressible fluid flow; flow over finite wings; aerodynamic design; introduction to computational fluid dynamics. *Spring*

ECS-MECH/AERO

EAS 3530 - Space Systems Concepts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in all of the following EGN 3321, PHY 2049C, and MAP 2302.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-MECH/AERO

EAS 3800C - Aerospace Engineering Measurements

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): C" (2.0), or better in EGN 3343. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Theory, calibration and use of instruments. Measurement techniques, data analysis, report writing. Laboratory topics related to aerospace engineering. *Fall, Spring*
M&S fee \$15.00

ECS-MECH/AERO

EAS 3810C - Design of Aerospace Experiments

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): "C" (2.0) or better in

both EAS 3800C and EML 3701.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Design of experiments in
aeronautic/aerospace systems with
emphasis on project team activity.
Spring M&S fee \$45.00

ECS-MECH/AERO

EAS 3933 - Aerospace Career and Academic Faculty Advising I

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): Grade of "C" (2.0) or
better in MAP 2302.

Mandatory meeting with students
and their faculty advisor for
career/academic advising. *Fall*,
Spring Graded S/U

ECS-MECH/AERO

EAS 4105 - Flight Mechanics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EAS 3101;
Corequisite(s): EML 4225.
Prerequisite(s) or Corequisite(s):
None.

Analysis and design of aircraft
performance, static and dynamic
stability and automatic control
systems. *Fall*

ECS-MECH/AERO

EAS 4134 - High-Speed Aerodynamics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): "C" (2.0) or better in
EAS 3101. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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.
Fall

ECS-MECH/AERO

EAS 4154 - Rotorcraft Aerodynamics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EAS 3101.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Helicopter aerodynamics.
Momentum and blade element
theories applied to hover, vertical
and forward flight. Factors affecting
design, performance & stability will
be discussed. *Occasional*

ECS-MECH/AERO

EAS 4200 - Analysis & Design of Aerospace Structures

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): "C" (2.0) or better in
EGM 3601. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Fall*

ECS-MECH/AERO

EAS 4300 - Aerothermodynamics of Propulsion Systems

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in
EAS 4134 or EML 4703.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Fundamental analysis and design
considerations of propulsion
systems. Turbojets, ramjets and
rockets. *Spring*

ECS-MECH/AERO

EAS 4400 - Spacecraft Attitude Dynamics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): "C" (2.0), or better in
EML 4225. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Kinematics and dynamics of rigid
and multibody spacecraft rotational
motion. Attitude control with
momentum exchange actuators and
thrusters. *Occasional*

ECS-MECH/AERO

EAS 4404C - Discrete Control in Aerospace Vehicles

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): "C" (2.0), or better in
all of the following EAS 3800C,
EML 4225, and EML 4313.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Discrete control aspects of aerospace
vehicles, digital controller, design,
state-space representation, Z-
transform, system response. *Spring*
M&S fee \$15.00

ECS-MECH/AERO

EAS 4505 - Orbital Mechanics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C and EGN 3321.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Two-body problem, orbital equations, orbital transfer, earth satellite operation. *Spring*

ECS-MECH/AERO

EAS 4700C - Aerospace Design I

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): "C" (2.0) or better in each EGN 3373, EAS 3800C, EML 3701, EML 4142, EML 4225, and department consent. Corequisite(s): EAS 4931. Prerequisite(s) or Corequisite(s): EAS 4931.

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. *Fall, Spring*

ECS-MECH/AERO

EAS 4703C - Small Satellite Payloads and Integration:

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): EML 3303C or EAS 3800C or EEL 3801C or ESI 4523. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional* M&S fee \$45.00

ECS-MECH/AERO

EAS 4710C - Aerospace Design II

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): EAS 4931 and a "C" (2.0) or better in EAS 4700C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of the design process in the team building and testing of a prototype/model of an airplane, spacecraft, system or device. *Fall, Spring* M&S fee \$60.00

ECS-MECH/AERO

EAS 4931 - Aerospace Career and Academic Faculty Advising II

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): EAS 3933 and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mandatory meeting with students and their faculty advisor for career/academic advising *Fall, Spring* Graded S/U.

ECS-MECH/AERO

ECM 4504C - Embedded Computer Systems

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): EEL 4768C, EEL 4851C, EEL 4635C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Computer Applications in Systems role, sensor and actuator interfacing. Design projects, including problem statements and specifications, design methodology, implementation, testing, and documentation. *Occasional*

ECS-ECE

ECO 2013 - Principles of Macroeconomics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to macroeconomics, including an overview of the market economy; national income, employment, and price level determination, stabilization policies, and international economics. *Fall, Spring*

BA-ECON

ECO 2013H - Honors Principles of Economics Macroeconomics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Same as ECO 2013 with honors-level content. *Fall, Spring*

BA-ECON

ECO 2023 - Principles of Microeconomics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-ECON

ECO 2023H - Honors Principles of Microeconomics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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. *Fall, Spring*

BA-ECON

ECO 3070 - Tutoring/Teaching Techniques for Undergraduate Economics

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Satisfactory completion of same course the student is tutoring. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Prepare undergraduate students to more effectively learn economics concepts through tutoring/teaching. May be used in the degree program a maximum of 4 times. *Fall, Spring* Graded S/U.

BA-ECON

ECO 3101 - Intermediate Microeconomics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013, ECO 2023 and QMB 3003. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theoretical study of the behavior of households, firms, and the markets in

which they operate with issues and applications. *Fall, Spring*

BA-ECON

ECO 3203 - Intermediate Macroeconomics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013 and ECO 2023 and QMB 3003. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Measurement, analysis, and control of aggregate economic activity. *Fall, Spring*

BA-ECON

ECO 3223 - Money and Banking

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-ECON

ECO 3410 - Mathematical Economics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 3101.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mathematical methods with particular focus on microeconomics foundations of individual decision-making. *Spring*

BA-ECON

ECO 3703 - International Microeconomics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 3101.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

BA-ECON

ECO 4303 - History of Economic Thought

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013 or ECO 2023. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A study of the principal ideas of the major contributors to the development of economic thought. *Occasional*

BA-ECON

ECO 4400 - Game Theory and Economics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 3101.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of the strategic decision-making of parties having opposed, mixed, or similar interests. *Fall*

BA-ECON

ECO 4400H - Honors Game Theory and Economic Applications

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): Honors Students Only
Corequisite(s): None
Prerequisite(s) or Corequisite(s): None

An introduction to the study of the strategic decision-making of parties having opposed, mixed, or similar interests. Consent of Honors *Even Fall, Odd Fall*

Department of Economics

ECO 4412 - Econometrics I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2013, ECO 2023 and QMB 3200. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will study the linear regression model, first developing the theory and then applying it to data *Fall*

BA-ECON

ECO 4422 - Econometrics II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Econometrics I
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

BA-ECON

ECO 4443 - Introduction to Business Analytics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3410 and ECO 4412, or permission of department.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Spring

Department of Economics

ECO 4504 - Public Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

BA-ECON

ECO 4713 - International Macroeconomics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101 or ECO 3203 or ECO 3223. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

International macroeconomics with review and analysis of current international macroeconomics, financial issues, policies and events. *Spring*

BA-ECON

ECO 4751 - Law and Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2013 and ECO

2023. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Impact of law on economic behavior; how economic behavior changes with legal rules and penalties; and the economic logic underlying the law. *Occasional*

BA-ECON

ECO 4902 - Capstone in Economics

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): ECO 3101, ECO 3203, QMB 3200, Senior Standing, Economics Major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students use critical thinking and written communication to integrate and apply material learned in economics courses to economics problem and policies. *Fall, Spring*
Graded S/U.

BA-ECON

ECO 4934 - Topics in Econometrics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 4412.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Emphasis on international topics in linear and nonlinear econometric models. *Spring*

BA-ECON

ECO 4941 - Economics Internship

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Consent of department chair, ECO 3101, and

ECO 3203. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Supervised economics-related work experience in a pre-approved sponsoring organization. See department for information/application. *Fall, Spring*
Graded S/U.

BA-ECON

ECP 3004 - Seminar on Current Economic Topics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. May be used in the degree program a maximum of 1 times. *Occasional*

BA-ECON

ECP 3006 - Economics of Sports

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2023.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

BA-ECON

ECP 3203 - Labor Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101 or ECP 4703. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Fall, Spring*

BA-ECON

ECP 3302 - Economics and the Environment

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2023.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall, Spring*

BA-ECON

ECP 4303 - Environmental and Natural Resource Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Provide fundamental insights into the interdependence between energy use, environmental quality, and the economy at both the microeconomic and macroeconomic level. *Fall*

BA-ECON

ECP 4403 - Industrial Organization

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

BA-ECON

ECP 4530 - Health Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 3101.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Analysis of the market for health and the derived market for health care using intermediate micro-economic modeling. *Fall*

BA-ECON

ECP 4703 - Managerial Economics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to the Integrated Business major.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall, Spring*

BA-ECON

ECS 4013 - Development Economics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2013 and ECO 2023. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The study of problems, theories, and issues of economic development in the global economy. *Spring*

BA-ECON

ECT 2002 - Introduction to Career and Technical Teaching and Training

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): None Corequisite(s): None
Prerequisite(s) or Corequisite(s): None

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. *Fall, Spring*

Department of Educational Leadership & Higher Education

ECT 3062 - Professional Roles of the Career & Technical Teacher

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introspection into career and technical education teaching and the transition from industry to education. *Summer*

Department of Educational Leadership & Higher Education

ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

General teaching methods, testing and evaluation. Techniques specific to Career & Technical Education and Industry Training. *Fall*

Department of Educational Leadership & Higher Education

ECT 3367 - Evaluation of Career & Technical Education Instruction

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Assessing student cognitive, affective, and psychomotor performance in the technical environment. *Spring*

Department of Educational Leadership & Higher Education

ECT 3371 - Course Construction in Industrial Education

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Summer*

Department of Educational Leadership & Higher Education

ECT 4004 - Principles and Practices of Technical Education

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Integrating historical principles, career structure, and current trends in technical education. *Fall*

Department of Educational Leadership & Higher Education

ECT 4184 - Curriculum Development Techniques for Industry Training

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The practical application of fundamental knowledge, important skills, alternative analysis methods, and the critical elements of the trainers analysis tasks. *Spring*

Department of Educational Leadership & Higher Education

ECT 4384 - Advanced Teaching Techniques for Career Education

Credit Hours: 3
Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Developing techniques including cooperative learning, simulation, instructional modeling, and evaluation of instructional effectiveness. *Fall*

Department of Educational Leadership & Higher Education

ECT 4815 - Safety in the Technical Education Classroom and Laboratory

Credit Hours: 3

Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Federal regulations, safety practices, guidance, and support materials for technical trainers and teachers in school and industrial settings. *Spring*

Department of Educational Leadership & Higher Education

ECW 3312 - Course Construction in Health Occupations Education

Credit Hours: 3

Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Even Spring*

Department of Educational Leadership & Higher Education

ECW 3564 - Special Populations in Career & Technical Education

Credit Hours: 3

Class Hours: Online
Lab and Field Work Hours: 0
Contact Hours: Online
Prerequisite(s): ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education ENC 1102 with a grade of "C-" (1.75) or better is required, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of strategies and resources in meeting the needs of special populations in career and technical education settings. *Spring*

Department of Educational Leadership & Higher Education

EDE 2280 - Arts and Wellness in Elementary Classrooms

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides the prospective teacher with knowledge, skills, and the dispositions to integrate arts and wellness into the elementary classroom curriculum. *Fall, Spring*

ED-TL&L

EDE 3942 - Internship I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDG 4410, RED 3012, RED 4519, MAE 3310, MAE 3311, TSL 4080. Corequisite(s): MAE 4326, RED 4942, SCE 3310. Prerequisite(s) or Corequisite(s): None.

Student teaching assignment in an elementary school under the supervision of a certified classroom teacher. *Fall, Spring* Graded S/U.

ED-TL&L

EDE 4223 - Integrated Arts and Movement in the Elementary School

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Elementary Education. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides the prospective teacher with knowledge, skills, and dispositions to integrate arts and movement into the education of elementary school children. *Fall, Spring* M&S fee \$10.00

ED-TL&L

EDE 4301 - Elem Ed Capstone Colloquium

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDE 3942 and Senior Standing. Corequisite(s): EDE 4943 Prerequisite(s) or Corequisite(s): None.

Refine skills and competencies in teaching and learning as identified by the Florida Educator Accomplished Practices and examine contemporary issues in elementary education. *Fall, Spring*

ED-TL&L

EDE 4943 - Internship II (Elementary)

Credit Hours: 7-12

Class Hours: 0
Lab and Field Work Hours: 35
Contact Hours: 35
Prerequisite(s): EDE 3942. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student teaching in an elementary school under the supervision of a

certified classroom teacher.
Scheduled concurrent seminars.
Occasional Graded S/U.

ED-TL&L

EDE 4945 - Internship II Seminar

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): All required program courses
Corequisite(s): EDE 4943 Internship II.
Prerequisite(s) or Corequisite(s): None.

Culminating seminar emphasizing current classroom management and assessment issues as they relate to teaching in the elementary grades.
Fall, Spring

ED-TL&L

EDF 2005 - Introduction to the Teaching Profession

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ED-TL&L

EDF 2007 - Introduction to Substitute Teaching

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Social and legal factors related to PK-12 teaching, including school

safety, ethics, legal aspects, and roles and responsibilities of substitute teachers. *Fall, Spring*

ED-TL&L

EDF 2085 - Introduction to Diversity for Educators

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

An introduction to cultural factors and their impact on education and life changes. Explores stereotyping, prejudice and changing classroom demographics. Includes directed field experience. *Fall, Spring*

ED-TL&L

EDF 2130 - Child and Adolescent Development for Educators

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Critical examination of developmental stages and characteristics of individuals from infancy through adolescence with application to learners in educational settings. *Fall, Spring*

ED-TL&L

EDF 2250 - Classroom Management for Substitute Teachers

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Instructional and classroom

management strategies to optimize student learning and maximize the effectiveness of substitute teachers. *Fall, Spring*

ED-TL&L

EDF 2510 - Education and Nation Building: American Historical Perspectives

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

Occasional

ED-TL&L

EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDF 2005EME 2040 - Introduction to Technology for Educators, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The role of education in children's lives through the analysis of legal, ethical and safety concerns. *Fall, Spring*

School of Teacher Education

EDF 2801 - Global Perspectives on Education

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

National systems of education from a global perspective and exposure to the global and international challenges facing educators in the new millennium. *Fall*

ED-TL&L

EDF 3120 - Observing Child Growth and Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the program. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides a comprehensive introduction to the principles and basic theories of child growth and development from pre-natal development through age eight. *Fall, Odd Spring*

ED-TL&L

EDF 3601 - Professional Ethics in Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Pedagogical knowledge, awareness of educational process and the analytical skills necessary for responsible public involvement in educational policy making. *Fall, Spring*

ED-TL&L

EDF 4466 - Classroom Assessment & Evaluation Techniques

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of Internship I or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Classroom measurement skills in designing traditional and alternative assessments, using results for student evaluation and instructor performance, and interpretation of standardized test results. *Fall, Spring*

ED-E&HS

EDF 4467 - Learning Theory and Assessment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDF 2005, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of learning theory and assessment principles to classroom teaching situations. Fifteen hour in-school experience required. *Fall, Spring*

School of Teacher Education

EDF 4467H - Honors Learning Theory and Assessment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDF 2005, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Even Fall*

School of Teacher Education

EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDF 2005, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Critical analysis of contemporary educational issues, including ethical, safety, legal, cultural, and linguistic considerations which directly impact schooling in a democracy. *Fall, Spring*

School of Teacher Education

EDF 4603H - Honors Analysis and Application of Ethical, Legal and Safety Issues in Schools

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Critical analysis of contemporary educational issues, including ethical, safety, legal, cultural, and linguistic considerations which directly impact schooling in a democracy with Honors content. *Fall*

ED-TL&L

EDG 2000 - Careers in K-12 Education

Credit Hours: 3

Prerequisite(s): None

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. *Fall, Spring, Summer*

School of Teacher Education

EDG 2311 - Teaching Strategies for Substitute Teachers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning, adapting and implementing effective instructional practices and assessing student performance in K-12 settings with diverse populations. *Fall, Spring*

ED-TL&L

EDG 2940 - Experiential Learning in Education

Credit Hours: 3

Prerequisite(s): EDF 2005
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring, Summer*

School of Teacher Education

EDG 4410 - Teaching Strategies and Classroom Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): 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.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Instructional, organizational and classroom management strategies to create effective learning environments. Fifteen hour in-school experience required. *Fall, Spring, Summer*

School of Teacher Education

EDG 4941 - Directed Field Experience

Credit Hours: 1-8

Class Hours: 0
Lab and Field Work Hours: 1-8
Contact Hours: 1-8
Prerequisite(s): Approval of Professional Laboratory.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Field experience in an appropriate educational setting under the direction of a supervising teacher and/or university supervisor. *Occasional*

ED-TL&L

EDG 4942 - Lifelong Learning Education Internship

Credit Hours: 3

Class Hours: 0
Lab and Field Work Hours: 3
Prerequisite(s): EDG 4410

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. *Fall, Spring, Summer*

School of Teacher Education

EDG 4948 - Service Learning

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Involvement with not-for-profit agencies and/or schools to gain a new perspective on civic/community engagement. May be repeated for credit. *Fall, Spring*

ED-TL&L

EDG 4954 - International Education Field Experiences

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ED-TL&L

EDP 2270 - Adult Development & Learning

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ED-TL&L

EEC 2732 - Health, Safety, and Nutrition for Young Children

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Health, safety and legal issues in early childhood (0-8) including protection from injury and infection; promotion of healthy development, good nutrition, and appropriate health and fitness habits. *Spring*

ED-CFCS

EEC 3008 - Early Childhood Children's Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into the Early Childhood Development and Education Program (Track 2).
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of literature written for children ages birth through kindergarten, including an introduction to genres, authors and illustrators of children's books.

Spring

ED-CFCS

EEC 3214 - Child Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Early Childhood Development and Education Program -Track 2.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides pre-service early childhood professionals with an overview of theories and research related to early childhood development (Birth-Age 8). *Fall, Spring*

ED-CFCS

EEC 3613 - Observation and Assessment of Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the program. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Appropriate methods for diagnosing, assessing, and evaluating young children, including children with diverse cultural and ethnic backgrounds. Appropriate interventions, remediations, and enrichment. *Occasional*

ED-CFCS

EEC 3700 - Social and Emotional Development of Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Early Childhood Program and 2.75 gpa or Instructor Consent
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides an in-depth understanding of the social and emotional development of the young child. Examines the implication for curriculum development. *Spring Fall*

School of Teacher Education

EEC 4207 - Assessment and Evaluation of Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Early Childhood Program, EEC 3700, EEC 4661, EEC 4268 or Instructor Consent
Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Early childhood education and services for young children and families. Includes early childhood historical, philosophical, and sociological perspectives, learning theories and field-based experiences. *Fall, Spring*

School of Teacher Education

EEC 4211 - Science and Math Learning for Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Methodologies for teaching and assessing young children in mathematics and science concepts and skills through an integrated developmentally appropriate program. *Fall*

ED-CFCS

EEC 4235C - Early Childhood Education Seminar: Bridging Theory to Practice

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing
Corequisite(s): MAE 4300, RED 4311, SCE 4304. Prerequisite(s) or Corequisite(s): None.

Seminar course which combines coursework, research, and practical experience. Seminar students will not be placed in their current work sites. *Fall, Spring*

School of Teacher Education

EEC 4260 - Early Childhood Program Evaluation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into the Early Childhood Development and Education Program (Track 3), EEC

4303, and EEC 4528. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.
Fall

ED-CFCS

EEC 4268 - Curriculum Activities in Early Childhood

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Early Childhood Education Program, 2.75 gpa or Instructor Consent.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An integrated approach to curriculum planning and scheduling including materials, strategies, and environments for young children which emphasize active learning.
Fall, Spring

School of Teacher Education

EEC 4303 - Planning Creative Activities in Early Childhood Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into Early Childhood Development and Education program, gpa 2.75 or Instructor Consent Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Summer*

School of Teacher Education

EEC 4314 - Effective Practices for Guiding Young Children's Behavior

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques to guide behavior of young children emphasizing classroom management, routines, and pro-social skills. *Spring*

ED-CFCS

EEC 4402 - Cultural and Family Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores the institution of family in its cultural context as a living dynamic system. *Occasional*

ED-CFCS

EEC 4414 - Parent-Child Relations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEC 3700; EEC 4661; or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ED-CFCS

EEC 4524 - Organization and Management in Early Childhood

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides students with managerial and supervisory skills required to administer a developmentally appropriate early childhood program.
Occasional

ED-CFCS

EEC 4528 - Infant/Toddler Care and Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides the knowledge and skills that will enable the student to become a competent worker with very young children and their families. *Occasional*

ED-CFCS

EEC 4604 - Classroom Management and Guidance of Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques to guide behavior of young children, emphasizing classroom management and pro-social skills. *Spring, Fall*

School of Teacher Education	Includes guidance and clarification concerning student teaching. <i>Occasional</i>	Prerequisite(s): EEC 4235C, MAE 4300, RED 4311, SCE 4304, and EEC 4303 Corequisite(s): None.
EEC 4661 - Early Childhood Education Theory and Practice:	ED-CFCS	Prerequisite(s) or Corequisite(s): None.
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Admission to the Early Childhood Program, 2.75 gpa or Instructor Consent Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	EEC 4940 - Practicum: Early Childhood Development Credit Hours: 12 Class Hours: 0 Lab and Field Work Hours: 12 Contact Hours: 12 Prerequisite(s): Must have completed all course work. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Provides opportunities for student teachers to use the knowledge and skills they acquired in a supervised public school setting. <i>Fall, Spring</i> Graded S/U.
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. <i>Fall, Spring</i>	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. <i>Fall, Spring</i> Graded S/U.	School of Teacher Education
School of Teacher Education	ED-CFCS	EEE 3307C - Electronics I
EEC 4744 - Child Life: Psychosocial Care of Children in Health Settings	EEC 4942 - Practicum: Early Childhood Careers	Credit Hours: 4 Class Hours: 3 Lab and Field Work Hours: 3 Contact Hours: 6 Prerequisite(s): EEL 3123C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): EEC 3700. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 9 Class Hours: 0 Lab and Field Work Hours: 9 Contact Hours: 9 Prerequisite(s): Admission into the Early Childhood Development and Education Program (Track 3), EEC 4414, EEC 4260, EEC 4314, and EEC 4211. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Electronic devices including p-n junctions, bipolar transistors, field effect transistors and device models. <i>Fall, Spring</i> M&S fee \$15.00
Course teaches Child Life theory and practice to students wanting to work with children, youth and their families in hospitals and pediatric clinical settings. <i>Spring</i>	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. <i>Spring</i> Graded S/U.	ECS-ECE
ED-CFCS	ED-CFCS	EEE 3342C - Digital Systems
EEC 4936 - Seminar in Early Childhood	EEC 4943 - Student Teaching	Credit Hours: 3 Class Hours: 2 Lab and Field Work Hours: 3 Contact Hours: 5 Prerequisite(s): MAC 2311C, MAC 2312, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
Credit Hours: 2 Class Hours: 2 Lab and Field Work Hours: 0 Contact Hours: 2 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 12 Class Hours: 0 Lab and Field Work Hours: 12 Contact Hours: 12	Combinational and sequential logic circuits including registers, arithmetic units, memories, finite state machines, and design with programmable logic devices. <i>Fall, Spring</i> M&S fee \$9.00
Current trends, issues and advocacy in field of early childhood education.		ECS-ECE
		EEE 3350 - Semiconductor Devices
		Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Prerequisite(s): EEL 3004C with a

grade of "C" (2.0) or better and PHY 3101.

Semiconductor device physics, energy band diagrams, electronic devices including p-n junctions, bipolar transistors, field effect transistors and device models. *Spring Fall*

Department of Electrical and Computer Engineering

EEE 4309C - Electronics II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEE 3307C, EEE 3342C with a grade of "C" (2.0) or better. Ideal Op-Amps and applications. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to Logic Circuits; Bipolar, MOS and CMOS families; Flip-flops and memory cells, comparators and timing circuits: A/D and D/A converters. *Fall, Spring* M&S fee \$20.00

ECS-ECE

EEE 4314 - Device Electronics for Integrated Circuits

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEE 3350

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

P.N. Junctions, Bipolar Transistor Analysis, Metal Semiconductor contacts, MOS Systems MOSFET Analysis and Limitations. *Occasional*

ECS-ECE

EEE 4334 - Computer-Aided Design of VLSI

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in both COP 3503C and EEE 3342C.

Introduction to computer-aided design techniques for high-level synthesis, logic synthesis, and physical synthesis. Emphasis on algorithms and data structures.

Spring

ECS-ECE

EEE 4346C - Hardware Security and Trusted Circuit Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): EEL 3801C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-ECE

EEE 4463 - MEMS Devices and Applications

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEE 3350 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Micro-Electro Mechanical Systems devices, microfabrication, sensors and actuators, bulk and surface micromachining, optical MEMS, instrumentation and applications. *Fall*

ECS-ECE

EEE 4650 - Introduction to Sensors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): EEL 3123C.

Basics of measurements, physics of energy transduction, sensor specifications (range, sensitivity, accuracy, repeatability, noise), applications, basics of signal conditioning. *Even Fall*

Department of Electrical and Computer Engineering

EEE 4775 - Real-Time Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): COP 4600 or EEL 4768 C or EEL4742C

Introduction to specification, analysis, design, and validation techniques for real-time (operating) systems with an emphasis on real-time scheduling theory. *Odd Spring*

Department of Electrical and Computer Engineering

EEL 3004C - Honors Linear Circuits I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): 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. Corequisite(s): MAP 2302

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 electric and computer engineering. Open to Computer Engineering, Electrical Engineering and Photonic Science and Engineering students only. *Spring*

Department of Electrical and Computer Engineering

EEL 3004C - Linear Circuits I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a grade of "C" (2.0) or better grade. Corequisite(s): MAP 2302

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. *Fall, Spring*

Department of Electrical and Computer Engineering

EEL 3021 - Introduction to Applied Randomness for Engineers**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2312 with a grade of "C" (2.0) or better. Restricted to students from College of Engineering and Computer Science only. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-ECE

EEL 3123C - Honors Linear Circuits II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): Consent of Honors program, and EEL 3004C, MAP 2302, both with a grade of "C" (2.0) or better grade.

Second order RLC circuit response, Laplace transform, frequency selective circuits, Fourier series; two port networks. *Fall* M&S fee \$15.00

Department of Electrical and Computer Engineering

EEL 3123C - Linear Circuits II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): EEL 3004C and MAP 2302 both with a grade of "C" (2.0) or better grade.

Second order RLC circuit response, Laplace transform, frequency selective circuits, Fourier series; two port networks. *Spring Fall* M&S fee \$15.00

Department of Electrical and Computer Engineering

EEL 3290 - Global Energy Issues**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3004C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Critically examines issues associated with the technical, economic, societal, environmental, and geopolitical aspects of energy. Taught through lectures and discussions. *Spring*

ECS-ECE

EEL 3470 - Electromagnetic Fields**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3004C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Electric and magnet fields and electromagnetic waves. *Fall, Spring*

ECS-ECE

EEL 3552C - Signal Analysis and Analog Communication**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 3123C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Signals and signal space, Fourier series, Fourier Integral, transmission over linear systems, AM, FM, PM, sampling theorem and Nyquist rate. *Fall, Spring* M&S fee \$15.00

ECS-ECE

EEL 3657 - Linear Control Systems**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3123C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Control theory, transfer function modeling, Nyquist criteria, root locus, Bode plots, and Design of lead and lag compensation. *Fall, Spring*

ECS-ECE

EEL 3801C - Computer Organization**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EGN 3211 and EEE 3342C both with grades of "C" (2.0)

or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Computer arithmetic, instruction set architecture, performance, data path, control unit, memory hierarchy, I/O interface. *Fall, Spring*

ECS-ECE

EEL 3926L - Junior Design

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
EEE 3307C and EEL 4742C

Prerequisite(s) or Corequisite(s):
None.

Preparatory skills are developed for Senior Design: Engineering design requirements specifications, test equipment utilization, microcontroller development tool usage, schematic capture and PCB design tools. *Fall, Spring*

ECS-ECE

EEL 4140C - Analog Filter Design

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 3123C with a
grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Passive and active analog filter
design. *Fall* M&S fee \$15.00

ECS-ECE

EEL 4205 - Electric Machinery

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3004C with a
grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Fundamentals of DC and AC electric
machines. *Fall*

ECS-ECE

EEL 4216 - Fundamentals of Electric Power Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3004C with a
grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Three-phase power representation
and analysis, transformers, per unit
system, symmetrical components,
faults, and transmission lines. *Spring*

ECS-ECE

EEL 4294 - Introduction to Smart Grid

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (EEE 3307C and
EEL 3657) or EEL 4216 or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Fundamentals of electric power
systems, distributed generation and
smart grid components, voltage
control and VAR compensation,
demand response, leader-follower
optimization, resiliency. *Even Spring*

ECS-ECE

EEL 4362 - Post-CMOS Devices and Circuits

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEE 3342C with a
grade of "C" (2.0) or better and EEE
3307C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Post-CMOS device technologies for

next-generation energy efficient
memory and logic designs. *Fall*

ECS-ECE

EEL 4436C - Microwave Engineering

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 3470.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Transmission line theory, Smith
charts, S-parameters, simple
impedance matching circuits, wave
guides, resonators, basic microwave
measurements. May be repeated for
credit. *Fall* M&S fee \$35.00

ECS-ECE

EEL 4440C - Optical Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Prerequisite(s): EEL 3470 or C.I.

Lens systems, aberrations, sources,
radiometry, detectors, physical
optics, interferometric devices,
applications to engineering design
problems. *Fall*

Department of Electrical and
Computer Engineering

EEL 4515C - Fundamentals of Digital Communication

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 3552C

Sampling and aliasing, quantization,
PCM, delta modulation, line coding,
intersymbol interference, digital
carrier systems, ASK PSK and M-
ary communication, noise, BER
analysis. *Spring* M&S fee \$20.00

Department of Electrical and
Computer Engineering

EEL 4518 - Satellite Communications

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): EEL 3552C

Principles of satellite communication including communications satellites, earth stations, link analysis, FDMA, and TDMA. *Fall*

Department of Electrical and Computer Engineering

EEL 4612C - Introduction to Modern and Robust Control

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): EEL 3657.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-ECE

EEL 4635C - Computer Control Systems

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): EEL 3657.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-ECE

EEL 4660 - Robotic Systems

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EGN 3321 or EEL 4742C or COP 3503C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Team based development of a robotic system incorporating concepts such as sensing, computer vision, machine learning, localization, mapping, manipulation and locomotion. *Spring*

ECS-ECE

EEL 4742C - Embedded Systems

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): EEL 3801C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Microcontroller systems, assembly language programming, data representation, memory and device interfacing, timing analysis, parallel and serial communication, timers, interrupts, signal interfacing considerations, and applications. *Fall, Spring* M&S fee \$15.00

ECS-ECE

EEL 4750 - Digital Signal Processing Fundamentals

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EEL 3123C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of discrete-time signals and systems, Z-transform, DFT introduction to digital filter design. *Fall, Spring*

ECS-ECE

EEL 4768 - Computer Architecture

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EEL 3801C or CDA 3103C with a grade of "C" (2.0) or better. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Computer systems performance and evaluation, processor datapath and control, microprogrammed architectures, instruction and arithmetic pipelines, cache and virtual memory, and RISC vs. CISC. *Fall, Spring*

ECS-ECE

EEL 4781 - Computer Communication Networks

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EEL 3801C with a grade of "C" (2.0) or better and STA 3032. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-ECE

EEL 4783 - Hardware Description Languages in Digital Systems Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EEL 3342C with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Hardware description languages,

simulation and synthesis of RTL circuits and systems, design examples and projects. *Occasional*

ECS-ECE

EEL 4798 - Massive Storage and Big Data

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3801C or CDA 3103C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Fundamentals in big data architecture and its enabling file storage systems Infrastructure such as MapReduce and storage, with a focus on system architecture, file storage, programming models, application development and performance evaluation. *Spring*

ECS-EECS

EEL 4817H - Honors Current Topics in Machine Learning II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors and EEL 4818H. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Research topics in Machine Learning. Students will be assigned a research project and a faculty mentor who will supervise this project. *Spring*

ECS-ECE

EEL 4818H - Honors Current Topics in Machine Learning I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors and EEL 3801 with a grade of "C"

(2.0) or better or COP 3223C with a

grade of "C" (2.0) or better or STA 3032 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Machine Learning and Applications. ART Neural Networks, Genetic Algorithms, Decision Trees, Evolutionary Hardware, Evolutionary Neural Networks, and Reinforcement Learning. *Occasional*

ECS-ECE

EEL 4832 - Engineering Applications of Computer Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3123C and EGN 3211 both with a grade of "C"

(2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Engineering applications of numerical methods, including solution of differential equations, simulation, optimization, and multidimensional root-finding, integration and series approximations. *Fall, Spring*

ECS-ECE

EEL 4851C - Engineering Data Structures

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 3801C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-ECE

EEL 4872 - Engineering Applications of Intelligent Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 4851C or COP 3503C or equivalent or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-ECE

EEL 4882 - Engineering Systems Software

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3801C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to operating systems concepts and facilities for engineering applications, including multiprogramming, resource allocation and management, systems utilities, and operating system implementation. *Fall, Spring*

ECS-ECE

EEL 4884C - Engineering Software Design

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): EEL 4851C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Software systems development life cycle, function and object-oriented methodologies, CASE; Analysis, design, and development of a large software project. *Fall, Spring*

ECS-ECE

EEL 4890 - Continuous System Simulation I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAP 2302.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Numerical integration techniques and discrete time system models for approximating the dynamics of continuous systems. *Occasional*

ECS-ECE

EEL 4914 - Senior Design I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEE 3307C, EEL 4742C, and consent of ECE Department.

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. *Fall, Spring*

ECS-ECE

EEL 4915L - Senior Design II

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): EEL 4914.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$15.00

ECS-ECE

EES 4111C - Biological Process Control

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): ENV 3001 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Engineering design, measurements and analysis of biological systems in environmental engineering for water management, bioenergy products, wastewater treatment, and others. *Spring* M&S fee \$70.00

ECS-CECE

EES 4202C - Chemical Process Control

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): CHM 2046 and ENV 3001 both with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Engineering design, measurements, and analysis of chemical systems in environmental engineering to control treatment processes such as softening, coagulation, disinfection, scrubbing, neutralization, and others. *Fall* M&S fee \$60.00

ECS-CECE

EEX 2010 - Introduction to Special Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Orientation to the education of

children and adolescents with special needs in the schools. The course includes characteristics, trends, mainstreaming, and other issues. *Fall, Spring*

ED-CFCS

EEX 2090 - Exceptional Populations in School and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Characteristics of exceptionalities in school and society to increase student awareness and comfort levels with individuals with exceptionalities. *Fall, Even Spring*

ED-CFCS

EEX 2758 - Enhancing Family Involvement in Education

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of partnerships with families of students with disabilities and their communities to address the educational needs of all students. *Fall, Spring*

ED-CFCS

EEX 3221 - Assessment of Exceptional Students

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Formal and informal assessment techniques for screening, placement,

program planning, program evaluation, and monitoring of progress of exceptional students. *Fall, Spring*

ED-CFCS

EEX 3241 - Methods for Academic Skills for Exceptional Students

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the CED or Admission to the ESE Minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Teaching strategies, instructional materials, and monitoring techniques for children and adolescents with special needs. Must be taken before Internship I. *Fall, Spring*

ED-CFCS

EEX 3243 - Techniques for Exceptional Adolescents-Adults

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): EEX 3241. Prerequisite(s) or Corequisite(s): None.

A study of strategies, basic and functional content, career and vocational educational, and transition planning for adolescents and adults with special needs. *Spring*

ED-CFCS

EEX 3450 - Young Children With Special Needs

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s):

Admission to the Early Childhood Program, gpa 2.75 or Instructor Consent Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

Provides an overview of the unique field of early childhood special education, its mission, and approaches to helping young children and their families. *Spring, Fall*

School of Teacher Education

EEX 3830 - Practicum in Exceptional Student Education

Credit Hours: 3

Class Hours: 45

Lab and Field Work Hours: 45

Contact Hours: 45

Prerequisite(s): **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.

Corequisite(s): none.

Opportunity to participate in an educational setting for an extended period of time and put into practice exceptional education courses knowledge.

2 Fall, Spring, Summer

School of Teacher Education

EEX 3942 - Internship I Exceptional Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDG 4410, RED 3012, EEX 2010, EEX 3241, MAE 2801. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student teaching in exceptional education in both elementary and secondary school settings under the

supervision of a certified classroom teacher. *Fall, Spring* Graded S/U.

ED-CFCS

EEX 4054 - Application and Theories for Students with Special Needs

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): EEX 2010.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and historical foundations for students with specific learning, physical, cognitive, and emotional disabilities. *Spring*

ED-CFCS

EEX 4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEX 3241, RED 3012, LAE 4314. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theoretical concepts, curriculum development and specialized strategies for students with special needs. *Occasional*

ED-CFCS

EEX 4070 - Teaching Exceptional Students

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDG 4410.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development and practice of effective teaching and management strategies for elementary regular classroom teachers to use in working

with mild disabilities. *Fall, Spring*

ED-CFCS

EEX 4204 - Instructional Strategies for Effective Inclusive Settings

Credit Hours: 1-3

Class Hours: 1-3

Lab and Field Work Hours: 0

Contact Hours: 1-3

Prerequisite(s): Overall minimum 2.5

GPA or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A comprehensive background on Exceptional Education history, reform, and educational strategies to teach students with disabilities in inclusive settings. *Spring*

ED-CFCS

EEX 4242 - Teaching Exceptional Students in Secondary Settings

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDF 2005 and Junior Standing Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Instructional and management strategies for secondary general education teachers to use in working with students with disabilities. *Fall, Spring, Summer*

School of Teacher Education

EEX 4601 - Introduction to Behavior Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Study of management techniques based on applied behavioral analysis principles for modifying

inappropriate behaviors and maintaining appropriate behaviors of exceptional students. *Fall, Spring*

ED-CFCS

EEX 4751 - Parent Involvement in Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Early Childhood Program, gpa 2.75 or Instructor Consent Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course prepares students to successfully interact with and involve parents in their child's education. *Fall, Spring*

School of Teacher Education

EEX 4757 - Respite Care

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

General knowledge and best practice in the field of temporary care: the nature and needs of care givers and care recipients, including special populations. *Occasional*

ED-CFCS

EEX 4763 - Technology for Classroom Teachers of Students with Special Needs

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEX 3241, RED 3012, LAE 4314, MAE 2801.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Enhancing teacher preparation

through the use of technology for students with special needs. *Fall, Spring*

ED-CFCS

EGM 3601 - Solid Mechanics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in the following MAC 2311C, MAC 2312, MAC 2313, PHY 2048C and EGN 3310 Corequisite(s): None.

Concepts of stress, strain, deflection; axial force, torsion, bending, combined stress, Mohr's circle, failure theories, design concepts, application to machines and vehicles. *Fall, Spring*

ECS-MECH/AERO

EGM 3601H - Honors Solid Mechanics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-MECH/AERO

EGN 1007C - Engineering Concepts and Methods

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 0

Prerequisite(s): EGS 1006C and New

student status or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-ECS

EGN 2920C - LEAD Colloquium

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides experiential leadership experience in an appropriate leadership setting under the direction of a university supervisor with the LEAD Scholars Program. May be repeated for credit. *Occasional*

ECS-IEMS

EGN 3211 - Engineering Analysis and Computation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2312 with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Engineering analysis and computation with structured constructs. Subscripted variables, functions, input/output. Applications in embedded systems and examples in numerical methods. *Fall, Spring*

ECS-ECE

EGN 3310 - Engineering Analysis-Statics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2311C, PHY 2048C both with a grade of "C" (2.0) or better Corequisite(s): MAC 2312. Prerequisite(s) or Corequisite(s): None.

Fundamental concepts of mechanics, including resultants of force systems, free-body diagrams, equilibrium of rigid bodies, and analyses of structures. *Fall, Spring*

ECS-CECE

EGN 3310H - Honors Engineering Analysis-Statics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and MAC 2311C, PHY 2048C both with grades of "C" (2.0) or better Corequisite(s): MAC 2312. Prerequisite(s) or Corequisite(s): None.

Advanced treatment of material and additional topics, including project work. With Honors content. *Fall, Spring*

ECS-CECE

EGN 3321 - Engineering Analysis-Dynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in both MAC 2313 and EGN 3310. Corequisite(s): None.

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. *Fall, Spring*

ECS-MECH/AERO

EGN 3321H - Honors Engineering Analysis – Dynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in both MAC 2313, EGN 3310, and Consent of Honors. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-MECH/AERO

EGN 3331C - Mechanics of Materials

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): ENC 3310 with a grade of "C" or better Corequisite(s): MAP 2302. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-CECE

EGN 3343 - Thermodynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in both MAC 2313 and EGN 3310. Prerequisite(s) or Corequisite(s): None.

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and modes of analysis common to all applications of thermodynamics in engineering. *Fall, Spring*

ECS-MECH/AERO

EGN 3343H - Honors Thermodynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in both MAC 2313, EGN 3310, and Consent of Honors. Prerequisite(s) or Corequisite(s): None.

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and models of analysis common to all applications of thermodynamics in engineering. Honors content. *Spring*

ECS-MECH/AERO

EGN 3365 - Structure and Properties of Materials

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (CHS 1440 or CHM 2045C) and MAC 2312 with grades of "C" (2.0) or better in both. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Atomic structure and bonding, crystal structure and imperfections, solidification, phase transformations, phase diagrams, heat treatment, mechanical & electrical properties, materials characterization techniques. *Fall, Spring*

ECS-MECH/AERO

EGN 3365H - Honors Structure and Properties of Materials

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2312, and (CHS 1440 or CHM 2045C), with grades of "C" (2.0) or better in both; and consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-MECH/AERO

EGN 3373 - Principles of Electrical Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PHY 2049C

Corequisite(s): MAP 2302.

Prerequisite(s) or Corequisite(s): None.

Fundamentals of electrical circuits and analysis; fundamentals of electronics and AC power systems, transformers, electromechanics and rotating machines. *Fall, Spring*

ECS-ECE

EGN 3373H - Honors Principles of Electrical Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and PHY 2049C

Corequisite(s): MAP 2302.

Prerequisite(s) or Corequisite(s): None.

Fundamentals of electrical circuits and analysis. Fundamentals of electronics and AC power systems, transformers, electromechanics and rotating machines. *Spring*

ECS-ECE

EGN 3420 - Engineering Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EGN 3211, and MAC 2312 with a "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Engineering applications of numerical methods including curve fitting, matrix operations, root finding, interpolating, integration and plotting. *Occasional*

ECS-ECE

EGN 3613 - Engineering Economic Analysis

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): MAC 2311C with a grade of "C" (2.0) or better, not open to Industrial Engineering students. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Economic evaluation of engineering alternatives and design. Time value of money and economic impact of taxes, risk, depreciation. *Fall, Spring*

ECS-IEMS

EGN 4060C - Introduction to Robotics

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): COP 3223C or EGN 3211; and EEL 3657 or EEL 4742C or COP 3503C or EGN 3321.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and application of robotics topics including; architecture, path planning, sensing and manipulation. *Fall*

ECS-ECS

EGN 4641C - Engineering Entrepreneurship

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Senior standing, ENT 4183, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

Occasional

ECS-ECS

EGN 4931H - Honors Engineering Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and Senior standing and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ECS-ECS

EGS 1006C - Introduction to the Engineering Profession

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): New students status or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of academic and professional requirements in various engineering disciplines. *Fall*

ECS-ECS

EGS 1036C - Foundations of Leadership

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): LEAD Scholars Program. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Seminar for LEAD Scholars in the College of Engineering & Computer Science providing a foundation of leadership, scholarship, and service regarding disciplines in the college. *Fall, Spring*

ECS-IEMS

EGS 3030 - Leadership in Engineering I

Credit Hours: 0

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Engineering, Computer Science or Information Technology major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Leadership roles for engineers are presented by prominent professionals in industry and government. *Fall*
Graded S/U.

ECS-ECS

EGS 3031 - Leadership in Engineering II

Credit Hours: 0

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Engineering, Computer Science or Information Technology major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Leadership roles for engineers are presented by prominent professionals in industry and government. *Spring*
Graded S/U.

ECS-ECS

EGS 4624 - Engineering Innovation and Leadership

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Senior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A broad range of topics including corporate organization structures, individual and team leadership, and techniques to enhance innovation and creativity. *Spring*

ECS-IEMS

EGS 4633 - Engineering Consumer Products

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): PR: Senior standing in an engineering or art major.

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. *Fall*

EGS 4710 - Energy and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Investigation of available energy forms; energy resources versus requirements in an increasingly complex technological society; possible solutions and future

predictions. *Occasional*

ECS-ECS

EGS 4950 - Engineering Leadership Capstone

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Enrolled in Engineering Leadership Minor or Certificate Corequisite(s): CAP 4102 or approved design course in Engineering or Computer Science. Prerequisite(s) or Corequisite(s): None.

Students will reflect upon and define their professional approach. Students will develop their professional portfolio, concept of operations, and individual strategic plan. *Fall, Spring*

ECS-ECS

EIN 2002 - Introduction to Industrial Engineering and Management Systems

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): MAC 2311C with a grade of a "C" (2.0) or better and sophomore standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to the profession of Industrial Engineering and important skills necessary for success. Course includes presentations by local IE professionals. *Fall*

ECS-IEMS

EIN 3314 - Work Analysis and Design

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better or C.I. Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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. *Fall*

ECS-IEMS

EIN 3351 - Engineering Economic Analysis and Cost Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2311C with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Knowledge and understanding of economic evaluation of engineering and management alternatives, cost analysis, budgeting and estimating techniques. *Spring*

ECS-IEMS

EIN 3354 - Principles of Cost Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EGN 3613.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is to provide engineers from all disciplines the background for the cost estimation of engineering systems throughout the product life cycle. *Fall*

ECS-IEMS

EIN 4191C - Engineering Leadership Seminar I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Junior or better standing in engineering with C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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. *Fall*

ECS-IEMS

EIN 4192C - Engineering Leadership Seminar II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): EIN 4191C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of EIN 4191C. *Spring*

ECS-IEMS

EIN 4214 - Safety Engineering and Administration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of accidents in the industrial operating environment. Application of fault trees, OSHA requirements. Consideration of accident costs and organizational aspects of accident prevention. *Occasional*

ECS-IEMS

EIN 4243 - Human Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better. Corequisite(s): None

Man/machine systems; design and conduct of human engineering studies. *Spring*

Department of Industrial Engineering and Management Systems

EIN 4333 - Production and Distribution Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ESI 4312 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Decision policies in manufacturing and logistics systems including forecasting, production planning, operations scheduling, deterministic and stochastic inventory control and project scheduling. *Spring*

ECS-IEMS

EIN 4360 - Facilities Planning and Work Design

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces fundamental concepts in facility planning, material handling systems and work analysis/design including work space/flow analysis, layout, warehousing operations and work measurement. *Fall*

ECS-IEMS

EIN 4364 - Facilities Planning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EIN 3314 with a grade of "C" (2.0) or better;

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): EIN 3351.

Planning and design of production systems including interrelationships between process layouts, material handling, warehousing and site selection. *Spring*

ECS-IEMS

EIN 4391 - Manufacturing Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to manufacturing engineering, with emphasis on current and emerging technologies in metalworking and electronics. *Fall, Spring*

ECS-IEMS

EIN 4517 - Systems Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamental principles of systems engineering and their application to the development of industrial complex engineered systems. *Spring*

ECS-IEMS

EIN 4545 - Industrial Engineering Applications in The Service Industries

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ESI 4312 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of industrial engineering principles to improve the quality and productivity of service industries such as restaurants, banks, hotels, health care, etc. *Fall*

ECS-IEMS

EIN 4891C - Industrial Engineering Senior Design Project

Credit Hours: 4

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): ESI 4523 and EIN 4360 (Facilities Planning and Work Design) both with grades of "C"

(2.0) or better and department consent. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Capstone design course; application of IEMS techniques to real-world design applications. *Fall, Spring*

ECS-IEMS

EMA 3000 - Engineering Polymeric Materials

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grades of "C" (2.0) or better in EMA 3102 and CHM 2210 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Formation, chemistry, and structure in solution and melt. Characteristic and functional properties of industrial and specialty polymers. Polymer processing techniques. Polymer matrix composites. *Fall*

Department of Materials Science and Engineering

EMA 3012C - Experimental Techniques in Materials I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): EGN 3365 -

Structure and Properties of

Materials Grade of "C" or better in

(EGN 3365 or EMA 3706)

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall, Spring* M&S fee \$45.00

Department of Materials Science and Engineering

EMA 3102 - Thermodynamics of Materials**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grades of "C" (2.0)

or better in (EGN 3365 or EMA

3706), MAC 2313, and PHY

2049C Prerequisite(s) or

Corequisite(s): MAP 2302

First, second and third laws of thermodynamics, gas behavior, Helmholtz and Gibbs free energies, phase equilibrium and diagrams, solutions, reactions, and electrochemistry *Spring*

Department of Materials Science and Engineering

EMA 3124 - Design and Selection of Materials**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in EGN 3365 or EMA 3706

Relationship between processing, structure and properties of various engineering materials and their

selection in engineering design. *Fall*

Department of Materials Science and Engineering

EMA 3691 - Nanomaterials Process Engineering**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHS 1440 or CHM

2045C, and PHY 2048 or PHY

2053C and EGN 3365.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Nanomaterials, processing, nanomachining, nanocompositions, nanocomposites and computations of devices. *Occasional*

ECS-MSE

EMA 3706 - Structure and Properties of Aerospace Materials**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (CHS 1440 or CHM

2045C) and MAC 2312 with grades

of "C" (2.0) or better in both.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Atomic structure, bonding, crystal structures, solidification, phase transformations, heat treatment, mechanical behavior, specific aerospace materials, materials design *Fall, Spring*

ECS-MECH/AERO

EMA 4009 - Materials in Society**Credit Hours: 2**

Prerequisite(s): Grades of "C" (2.0) or better in EGN 3365, EMA 3000, and EMA 4513

Structure, properties and processing of materials throughout human history, and how they influence the development of society, including emerging materials for the future

Spring

Department of Materials Science and Engineering

EMA 4009C - Materials Processing Lab

44.00

EMA 4013C - Experimental Techniques in Materials II**Credit Hours: 3**

Prerequisite(s): Grades of "C" (2.0) or better in EMA 3012C and EMA 4223

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. *Fall*

Department of Materials Science and Engineering

EMA 4115 - Transport Phenomena in Materials**Credit Hours: 3**

Prerequisite(s): Grade of "C" (2.0) or better in EMA 4317

Momentum transport, laminar and turbulent flow. Energy transport, conduction, convection and radiation. Mass transport in solid and fluids. *Spring*

Department of Materials Science and Engineering

EMA 4125 - Phase Transformations and Microstructural Development in Materials**Credit Hours: 3**

Prerequisite(s): Grades of "C" (2.0) or better in EGN 3365, EMA 3000, and EMA 4513

Structure, properties and processing of materials throughout human history, and how they influence the development of society, including emerging materials for the future *Spring*

Department of Materials Science and Engineering

EMA 4223 - Fundamentals of Mechanical Behavior of Materials

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better in EGN 3365 or EMA 3706

Elementary treatment of elasticity, plasticity, viscoelasticity, creep, fracture, and fatigue. *Spring*

Department of Materials Science and Engineering

EMA 4307 - Kinetics of Materials

Credit Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in EMA 3102

Reaction and transport/diffusion. Kinetics of gas-solid, liquid-solid and solid-solid interactions. Transformation kinetics and microstructural changes. *Fall*

Department of Materials Science and Engineering

EMA 4413 - Fundamentals of Electronic Materials

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EGN 3365 - Structure and Properties of Materials/Grades of "C" (2.0) or better in (EGN 3365 or EMA 3706) and EGN 3373 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Electronic processes in solids.

Electrical, magnetic, and optical properties of solids. Electron energies in solids. Superconducting materials. *Fall*

Department of Materials Science and Engineering

EMA 4501C - Scanning Electron Microscopy

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): EGN 3365 or EMA 3706. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A review of electron optics, beam/specimen interactions, image formation, x-ray analysis, specimen preparation, microelectronic applications, and crystallography in the SEM. *Occasional*

ECS-MSE

EMA 4503 - Materials Characterization Techniques

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EMA 3012C, and EGN 3365 or EMA 3706. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of commonly used techniques for characterization of crystal structure, microstructure and chemistry *Occasional*

ECS-MSE

EMA 4506 - Emerging Materials

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EGN 3365, or EMA 3706. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Structure, properties and processing of modern emerging materials *Occasional*

ECS-MSE

EMA 4513 - Structures of Materials

Credit Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in (EGN 3365 or EMA 3706)

Lattice, reciprocal space, symmetry, point groups, plane groups, space groups, X-ray and other diffraction techniques. Structures of metals, ceramics, polymer and biomolecular materials *Fall*

Department of Materials Science and Engineering

EMA 4602C - Materials Processing Laboratory

Credit Hours: 3

Prerequisite(s): EMA 3012C and EMA 3124

Theory and practice of common processing techniques for metals, ceramics, polymers including casting, heat treatment, sintering, and extrusion. Process-properties relations *Fall*

Department of Materials Science and Engineering

EMA 4915 - Materials Senior Design I

Credit Hours: 3

Prerequisite(s): Departmental consent and grades of "C" (2.0) or better in EMA 4115, EMA 4013C, and EMA 4125

Foundation of capstone engineering design course covering product or process design and development. *Fall*

Department of Materials Science and Engineering

EMA 4916 - Materials Senior Design II

Credit Hours: 3

Prerequisite(s): Departmental consent and grade of "C" (2.0) or better in EMA 4915

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.
Spring

Department of Materials Science and Engineering

EME 2040 - Introduction to Technology for Educators**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to technology for educators, including classroom management tools, multimedia, communication networks, interactivity, educational software and legal, ethical and social issues.
Fall, Spring

ED-TL&L

EME 2041 - Introduction to Applications of Technology in Education**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classroom applications of instructional media including computers. *Occasional*

ED-E&HS

EME 4312 - Applications of Technology in Education**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classroom applications of instructional media. Including computers. Includes experiences with equipment, commercial and teacher-made media, and their uses.
Occasional

ED-E&HS

EML 3001C - Machine Shop Practice**Credit Hours: 1**

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): EGM 3601, EGN 3365 or EMA 3706. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Set up and operation of mill and lathe, cutting tools, holding devices, cutting speeds and feed rates. Measurement devices. Hands-on experience. *Occasional* M&S fee \$29.00

ECS-MECH/AERO

EML 3022C - Introduction to Computer Aided Engineering**Credit Hours: 3**

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): EGN 3310 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introductory understanding and hands-on experience on computer aided engineering including computer aided design (CAD), computer aided manufacturing (CAM), and computer aided analysis. *Fall, Spring*

Department of Mechanical and Aerospace Engineering

EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): 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
Corequisite(s): None Prerequisite(s) or Corequisite(s): EGN 3321 and (EAS 3933 or EML 3933)

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. *Fall, Spring*

Department of Mechanical and Aerospace Engineering

EML 3034H - Honors Modeling Methods in MAE**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 1
Prerequisite(s): Grades of "C" (2.0) or better in MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C, and COP 3223C. Consent of Honors. Prerequisite(s) or Corequisite(s): EGN 3321 and (EAS 3933 or EML 3933)

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 *Fall*

Department of Mechanical and Aerospace Engineering

EML 3101 - Thermodynamics of Mechanical Systems**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
 Prerequisite(s): "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048 and EGN 3343.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Applied thermodynamics, availability analysis, thermodynamics of reactive and nonreactive mixtures, thermodynamic relations of properties. Thermodynamic design analysis of complete mechanical systems. *Spring*

ECS-MECH/AERO

EML 3262 - Kinematics of Mechanisms

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C and EGN 3321.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Graphical, mathematical, and computer-aided kinematics, analysis, and synthesis of basic mechanisms. *Fall*

ECS-MECH/AERO

EML 3303C - Mechanical Engineering Measurements

Credit Hours: 3
 Class Hours: 2
 Lab and Field Work Hours: 3
 Contact Hours: 5
 Prerequisite(s): "C" (2.0) or better in EGN 3343. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Theory, calibration and use of instruments. Measurement techniques, data analysis, report writing. Laboratory topics related to mechanical engineering. *Fall, Spring*
 M&S fee \$15.00

ECS-MECH/AERO

EML 3500 - Design and Analysis of Machine Components

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): "C" (2.0) or better in EGM 3601. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Application of the principles of mechanics of materials to the design of mechanical components. *Fall, Spring*

ECS-MECH/AERO

EML 3701 - Fluid Mechanics I

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): "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. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows. *Fall, Spring*

ECS-MECH/AERO

EML 3933 - Mechanical Career and Academic Faculty Advising I

Credit Hours: 0
 Class Hours: 0
 Lab and Field Work Hours: 0
 Contact Hours: 0
 Prerequisite(s): Grade of "C" (2.0) or better in MAP 2302.

Mandatory meeting with students and their faculty advisor for career/academic advising. *Fall, Spring* Graded S/U.

ECS-MECH/AERO

EML 4024C - Engineering Design Practice

Credit Hours: 3
 Class Hours: 2
 Lab and Field Work Hours: 2
 Contact Hours: 4
 Prerequisite(s): "C" (2.0), or better in EML 3022C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A project oriented computer aided engineering design practice including design, simulation, analysis, and manufacturing. *Fall, Spring*

Department of Mechanical and Aerospace Engineering

EML 4142 - Heat Transfer

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): "C" (2.0) or better in both EML 3701 and EML 3034C.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Conduction, radiation, and convection heat transfer. Basic energy balances emphasized. Steady state and transient problems, analysis and design of simple heat exchangers. *Fall, Spring*

ECS-MECH/AERO

EML 4142H - Honors Heat Transfer I

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Prerequisite(s): Grades of "C" (2.0) or better in (EML3701 and EML3034C). Consent of Honors.

Conduction, radiation, and convection heat transfer. Basic energy balances emphasized. Steady state and transient problems, analysis and design of simple heat exchangers. Honors content. *Spring*

Department of Mechanical and
Aerospace Engineering

EML 4143 - Heat Transfer II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in
EML 4142. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Advanced topics in heat transfer,
multi-dimensional conduction,
transient conduction, convection heat
transfer, participating medium,
boiling and condensation. *Fall*

ECS-MECH/AERO

EML 4225 - Introduction to Vibrations and Controls

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in
each of the following courses EGN
3321, EGM 3601, EML 3034C, and
EGN 3373. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Fall, Spring*

ECS-MECH/AERO

EML 4225H - Honors Introduction to Vibrations & Controls

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Grades of "C" (2.0),
or better in (EGN 3321, EGM 3601,
EML 3034C, and EGN 3373).

Consent of Honors College .

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. *Spring*

Department of Mechanical and
Aerospace Engineering

EML 4260 - Dynamics of Machinery

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in
both EGN 3321 and EML 4225.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Critical speeds and response of
flexible rotor systems, whirl,
gyroscopic effects; balancing of
rotating and reciprocating masses;
cam dynamics. *Occasional*

ECS-MECH/AERO

EML 4264 - Vehicle Dynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in
both EGN 3321 or EML 4225.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Basic mechanics governing vehicle
dynamics, performance and
handling; acceleration, braking, ride,
cornering, suspension, steering,
rollover. *Occasional*

ECS-MECH/AERO

EML 4301C - Mechanical Systems Laboratory

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Grade of "C" (2.0) or

better in EML 3303C, EGM
3601 Corequisite(s): EML 4225.

Teaching laboratory in solid
mechanics, dynamic vibrations and
control-feedback testing and theory;
designing and conducting
experiments; analyzing and
interpreting data. *Spring* 25.00

ECS-MECH/AERO

EML 4306C - Energy Systems Laboratory

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Grade of "C" (2.0) or
better in EML

3303C Corequisite(s): EML 4142

Design of experiments in Thermo-
Fluid Systems with emphasis on
project team activity. *Spring* \$31.00

ECS-MECH/AERO

EML 4313 - Intermediate System Dynamics and Controls

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in
all of the following MAP 2302, EGN
3321, EGN 3373 and EML 4225.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.
Fall

ECS-MECH/AERO

EML 4327 - Digital Manufacturing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: "C" (2.0) or better in EGM 3601.

This course covers additive manufacturing, subtractive manufacturing, computer-aided process planning and manufacturing, computer numeric control systems, manufacturing process monitoring, diagnostics, and prognostics. *Fall*

Department of Mechanical and Aerospace Engineering

EML 4411 - Mechanical Power Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in EGN 3343. Corequisite(s): EML 3101. Prerequisite(s) or Corequisite(s): None.

Analysis and design of large power generating systems and components, with emphasis on steam plants utilizing both chemical and nuclear fuels. *Occasional*

ECS-MECH/AERO

EML 4454 - Turbines for Sustainable Power

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in all of the following EGM 3601, EGN 3365 or EMA 3706, EML 3701. Corequisite(s): EML 4142. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

ECS-MECH/AERO

EML 4501C - Engineering Design I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): "C" (2.0) or better in each EGN 3373, EML 3303C, EML 3701, EML 4142, EML 4225 and department consent. Corequisite(s): EML 4931. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

ECS-MECH/AERO

EML 4502C - Engineering Design II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): EML 4931 and a "C" (2.0) or better in EML 4501C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of the design process in the team building and testing of a prototype. A test plan and a test report are completed. *Fall, Spring*
M&S fee \$60.00

ECS-MECH/AERO

EML 4504 - Design & Analysis of Machine Components II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in EML 3500. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of the principles of component analysis to the design of mechanisms. *Spring*

ECS-MECH/AERO

EML 4600 - HVAC Systems Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in EGN 3343. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Heating, ventilation, air-conditioning, and refrigeration principles and systems design. Psychrometrics, heating and cooling loads, equipment and components, and distribution systems. *Fall*

ECS-MECH/AERO

EML 4602 - Applied HVAC Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0), or better in EGN 3343. Corequisite(s): EML 4142. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

ECS-MECH/AERO

EML 4703 - Fluid Mechanics II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in EML 3701. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of Fluid Mechanics I. External flows, fluid machinery, compressible flows, design projects. *Fall*

ECS-MECH/AERO

EML 4804C - Digital Control in Mechatronics

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): "C" (2.0) or better in all of the following EML 3303C, EML 4225 and EML 4313.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Discrete microprocessor control of mechatronics dynamic systems using state-space representation, digital controllers, design for mechatronic applications. *Spring* M&S fee \$15.00

ECS-MECH/AERO

EML 4841H - Locomotion and Design in Natural Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: "C" (2.0 or better in both EGM 3601 and EML 3701; and Permission of Honors College.

Locomotion, morphology, and corresponding limitations in natural systems. This course will expose students to topics which explore natural design as it relates to engineering. *Fall*

EML 4931 - Mechanical Career and Academic Faculty Advising II

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): EML 3933 and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mandatory meeting with students and their faculty advisor for career/academic advising. *Fall, Spring* Graded S/U.

ECS-MECH/AERO

ENC 1101 - Composition I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Fall, Spring*

CAH-WRITE

ENC 1101H - Honors Freshman Composition I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Score of 60+ on

TSWE of SAT or C.I. and

permission of Honors.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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. *Fall, Spring*

CAH-WRITE

ENC 1102 - Composition II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1101 with a grade of "C-" or better.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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. *Fall, Spring*

CAH-WRITE

ENC 1102H - Honors Freshman Composition II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1101H with a grade of "C-" or better or C.I. and permission of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-WRITE

ENC 1130 - Improving College-Level Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Entry-level writing course designed to prepare students to read and write effectively at the college level. *Fall*

CAH-WRITE

ENC 2127 - Grammar and Composition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A systematic study of grammar and mechanics to improve editing for clarity and accuracy in writing.

Occasional

CAH-WRITE

ENC 3241 - Writing for the Technical Professional

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing effective correspondence, instructions, proposals, and informal and formal reports. *Fall, Spring*

CAH-ENG

ENC 3241H - Honors Writing for the Technical Professional

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102H or equivalent credit, and Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-ENG

ENC 3250 - Professional Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or

better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-WRITE

ENC 3250H - Honors Professional Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENC 3258H - Honors Video Game Theory & Design

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102H or Consent of Honors.

Theoretical and applied concepts in video game design and the literary impact of video games on our culture. With Honors content. *Occasional*

Department of English

ENC 3310 - Magazine Writing I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-ENG

ENC 3311 - Essay as Cultural Commentary

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rhetorical and historical study, analysis, and writing of essay as reflective exploration and cultural commentary. *Fall, Spring*

CAH-WRITE

ENC 3314 - Writing and Rhetoric Foundations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or equivalent or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Study and practice of research, writing, and rhetorical skills that enable successful (inter)disciplinary writing in and across the university. *Fall, Spring*

CAH-WRITE

ENC 3315 - Argumentative Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will analyze current issues, assess others' arguments, and construct various types of arguments, including visual and multimedia.

Fall, Spring

CAH-WRITE

ENC 3330 - Rhetorical Traditions**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the roots of rhetoric and the evolution of its theoretical, pedagogical and civic tradition. *Even Spring*

CAH-WRITE

ENC 3331 - Rhetoric and Civic Engagement**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. *Fall, Spring*

CAH-WRITE

ENC 3331H - Honors Rhetoric and Civic Engagement**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts. With Honors Content. *Even Spring*

CAH-WRITE

ENC 3351 - Writing for Publication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines freelance markets, article genre, and the rhetorical skills needed to design and produce articles for specific audiences and publications. *Occasional*

CAH-WRITE

ENC 3351H - Honors Writing for Publication**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102, and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENC 3372 - Topics in Civic Rhetoric and Writing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In-depth study and application of a specific issue related to civic rhetoric and writing. *Occasional*

CAH-WRITE

ENC 3373 - Cultural Rhetorics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the diverse cultural production of and the cultural forces impacting the rhetoric of individuals and communities. *Occasional*

CAH-WRITE

ENC 3375 - Rhetoric in Popular Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Exploration of how persuasion works in a specific set of popular culture discourses, such as sports, music, and gaming. *Occasional*

CAH-WRITE

ENC 3417 - Literacy and Technology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of technology's impact on writing and literacy, focus on new media. *Spring*

CAH-WRITE

ENC 3433 - Multimedia Writing and Composition**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in ENC 1102 or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENC 3453 - Writing About Health and Medicine**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing practices and genres of the health professions, with emphasis on writing about health and medicine for lay audiences. *Occasional*

CAH-WRITE

ENC 3454 - Topics in Professional and Digital Writing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In-depth study and application of a specific issue related to professional and/or digital writing. *Occasional*

CAH-WRITE

ENC 3455 - Writing about Science and Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing about scientific and technological research and developments for non-scientific audiences (including novices and policymakers). *Occasional*

CAH-WRITE

ENC 3455H - Honors Writing About Science and Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing about scientific and technological research and issues for nonscientific audiences, including laypeople and policymakers. With Honors content. *Occasional*

CAH-WRITE

ENC 3456H - Honors Writing about Health and Medicine**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing practices and genres of the health professions, with emphasis on writing about health and medicine for lay audiences. With Honors content. *Occasional*

CAH-WRITE

ENC 3473 - Writing in Disciplinary Cultures**Credit Hours: VAR**

Class Hours: VAR

Lab and Field Work Hours: 0

Contact Hours: VAR

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project-based study of writing (including genres, conventions, and arguments) in disciplines across the university. May be repeated for credit. *Occasional*

CAH-WRITE

ENC 3502 - Researching Writing and Literacy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of important knowledge domains and lines of inquiry in writing and literacy research, with emphasis on research methodologies. *Occasional*

CAH-WRITE

ENC 3503 - Topics in Writing & Literacy Studies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth study of and practice with a specific issue related to language theory and/or the teaching of writing. *Occasional*

CAH-WRITE

ENC 3521 - Writing Across Difference

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines cultural influences on language and literacy practices, with emphasis on applications for writing teachers. *Occasional*

CAH-WRITE

ENC 3905 - Directed experience in Writing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 and C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Individualized topics of study and/or research in writing with personalized faculty direction. May be repeated for credit. *Occasional*

CAH-ENG

ENC 4212 - Professional Editing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or

better required in ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will perform different types and levels of editing on a range of print and online texts from business and non-profit contexts. *Even Fall*

CAH-WRITE

ENC 4215 - Document Design and Publication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and practice of technical document design, including style, format, and layout. Create documents with relevant publication technologies. Practice in publication project management. *Spring*

Department of English

ENC 4218 - Visual Technical Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 4293.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Communication and design theories for visual displays of technical information. Analyze and create informational graphics. *Fall*

Department of English

ENC 4219 - Technical Communication and Plain Language

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of the origins and elements of plain language and the strategies for applying it to technical communication. *Occasional*

CAH-ENG

ENC 4262 - International Technical Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better required in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

International issues in the field of technical communication including internationalizing documents, user interface design, international collaboration, and rhetorical and logistical challenges. *Occasional*

Department of English

ENC 4265 - Writing for the Computer Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or better in ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Creating different kinds of software manuals or online help systems for the computer industry. *Occasional*

CAH-ENG

ENC 4275 - Theory and Practice of Tutoring Writing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or

better in ENC 1102 and C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Theory and practice of assessing and
responding to writing from the
standpoint of a collaborator, as
opposed to evaluator. *Fall*

CAH-WRITE

ENC 4280 - Technical Writing Style

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better required in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Strategies for understanding and
improving writing styles, particularly
for a variety of technical writing
genres. *Spring*

Department of English

ENC 4290 - Usability Testing for Technical Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better required in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Usability theory and techniques for
evaluating manuals, online
documentation, and other technical
communication genres. *Occasional*

CAH-ENG

ENC 4293 - Documentation and Project Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better required in ENC 3241.
Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Development of a book-length
project from idea to final published
product. Examples may include style
manuals, policies and procedures,
and training manuals. *Fall, Spring*

Department of English

ENC 4294 - Client-Based Project Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better required in ENC 4293.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Team-based planning, design, and
development of technical
communication documents for
clients, including industry or non-
profit organizations. *Fall, Spring*

Department of English

ENC 4298 - Technical Communication for the Virtual Workplace

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better in ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Collaborative technologies used in
the modern workplace and the
challenges associated with virtual
collaboration. Students will
participate in a virtual team project.
Occasional

CAH-ENG

ENC 4312 - Theory & Practice Persuasive Writing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or
better required in ENC 1102.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A study of the theory and practice of
persuasion, including logical
emotional and ethical appeals.
Occasional

CAH-ENG

ENC 4313 - Research Writing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better in ENC 1102, junior standing,
and C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Writing correspondence,
instructions, proposals, and informal
and formal reports in various
disciplines. *Occasional*

CAH-ENG

ENC 4353 - Writing for Social Change

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better in ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Study of how activist writing and
other symbolic action can be used to
mobilize social or policy change
around contemporary controversial
issues. *Occasional*

CAH-WRITE

ENC 4354 - Writing with Communities and Nonprofits

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or

better required in ENC 1102.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENC 4354H - Honors Writing with Communities and Nonprofits

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better required in ENC 1102, and
consent of Honors. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

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.
Occasional

CAH-WRITE

ENC 4360 - Nature Writing

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): English major or
minor and grade of "C" (2.0) or
better required in CRW 3013 and
CRW 3053, or C.I. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Students will write essays that
explore different approaches to
writing about the natural world, and
will discuss issues raised by such
writing. *Occasional*

CAH-ENG

ENC 4374 - Gendered Rhetorics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better required in ENC 1102.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Historical and theoretical study of
gendered rhetorical practices, with
emphasis on women rhetors.
Occasional

CAH-WRITE

ENC 4378 - Writing in Global and Transnational Contexts

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): "C" (2.0) or better in
ENC 1102 or C.I. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Examination of the ways language
and rhetoric travel across cultures
and countries, with practice
strategies for transnational
communication with local and global
audiences. *Occasional*

CAH-WRITE

ENC 4379 - Writing and Rhetoric Capstone

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Senior standing;
ENC 3331, ENC 3505, and ENG
3836; Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
ENC 4944, ENC 3473, or ENC
4275.

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.
Spring

CAH-WRITE

ENC 4414 - Writing and Hypertext

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of C (2.0) or
better required in ENC 3241 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Writing and HTML/CSS coding for
online environments, hypertext
architectures, and electronic literacy
theory to develop a more critical and
applied understanding of hypertext.
Occasional

Department of English

ENC 4415 - Digital Rhetorics and The Modern Dialectic

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better required in ENC 1102.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Explores the development of digital
rhetorics appearing in online
environments through close reading
and analysis of formative rhetorical
texts, fiction, and internet materials.
Fall, Spring

CAH-ENG

ENC 4416 - Writing in Digital Environments

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or
better required in ENC 1102.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Study and practice of new
media/Internet writing and
publishing, covering a range of
online and multimedia genres.
Occasional

CAH-WRITE

ENC 4416H - Honors Writing in Digital Environments

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Critical and rhetorical engagement with digital writing and networked systems, including a range of online media and genres. With Honors content. *Occasional*

CAH-WRITE

ENC 4434 - Visual and Material Rhetorics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in ENC 1102 or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENC 4504 - Contemporary Composition Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Considers major theoretical paradigms and more emergent theoretical explorations in modern

and contemporary composition studies. *Occasional*

CAH-WRITE

ENC 4523 - Writing and Identity

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores the role of identity in writing, particularly negotiating gender, race, class, sexual identity and other difference issues.

Occasional

CAH-WRITE

ENC 4943 - Practicum in Editing & Publishing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 5

Contact Hours: 8

Prerequisite(s): PR: "C" (2.0) or better in ENC 1102

Experiential-learning course. Students work as writers, marketers, web programmers, and editors for an existing publication housed in the Department of Writing and Rhetoric. *Fall*

ENC 4944 - Writing Internship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing and ENC 3331 and ENG 3836 and declared Writing and Rhetoric Major. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Training and practice in professional and/or civic writing through approved internship with business or organization; involves reporting and reflecting on experience *Fall*

CAH-WRITE

ENC 4950 - Writing ePortfolio

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): "C" or better in ENC 1102. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-WRITE

ENG 3010 - Practical Criticism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student evaluation of selected fiction, poetry, and drama through practical exercises in literary criticism. *Occasional*

CAH-ENG

ENG 3014 - Theories and Techniques of Literature Study

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques of analysis, theories of interpretation, and application of critical approaches to selected works. *Fall, Spring*

CAH-ENG

ENG 3073 - Cultural Studies Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The theoretical and cultural developments over time that call for broadening the applications of literary analysis to produce "cultural studies." *Occasional*

CAH-ENG

ENG 3612 - Trends in Literary, Cultural, and Textual Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Literary analysis of textual production within contemporary social trends and new technologies. May be used in the degree program a maximum of 2 times only when course content is different. *Occasional*

CAH-ENG

ENG 3817 - Digital Archives

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines "debates" in the digital humanities and prepares students to work with the creation, management, and preservation of digital archives content. *Occasional*

CAH-ENG

ENG 3821 - What's Next For English Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 and English major or minor, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Professional development strategies and career options for English majors after graduation. *Occasional*

CAH-ENG

ENG 3833 - Marketing Your Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in ENC 3351. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Exploration of writing markets and publishing opportunities therein, the submission process, and author marketing and negotiation strategies. *Spring*

CAH-WRITE

ENG 3836 - Professional Lives and Literacy Practices

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in ENC 1102. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Study of technology-assisted professional writing and literacy practices around knowledge management work in organizations and communities. *Fall, Spring*

CAH-WRITE

ENG 4114 - Literature and Film

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The differences in emphasis, medium, and technique in selected novels and their film adaptations. *Occasional*

CAH-ENG

ENG 4614 - Discourse of Global Cultural Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

American popular culture texts in world context, using concepts and theories from global cultural studies to analyze transmission, translation, and appropriation. *Occasional*

CAH-ENG

ENG 4832 - Scholarly Editing & Publishing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or C.I.

Job-related skills in scholarly

editing; submission, review, and production practices; and ethical and technological issues in editing.
Occasional

ENL 2012 - English Literature I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Beowulf to 1798. *Fall, Spring*

CAH-ENG

ENL 2022 - English Literature II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

From 1798 to 1914. *Fall, Spring*

CAH-ENG

ENL 3220 - English Renaissance Poetry and Prose

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Selected authors and major themes in English Renaissance poetry and prose. *Occasional*

CAH-ENG

ENL 3222 - Renaissance Women in Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literature by and about women in the Renaissance. *Occasional*

CAH-ENG

ENL 3231 - Restoration Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" or better in ENC 1102. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

This course surveys the poetry, drama, and prose written during the Restoration era (1660-1700) and the social, historical, and political contexts. *Occasional*

CAH-ENG

ENL 3296 - Gothic Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of Gothic literature (prose, poetry, drama) in the British Isles and its cultural contexts. *Occasional*

CAH-ENG

ENL 3296H - Honors Gothic Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and Consent of Honors. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

A study of Gothic literature (prose, poetry, drama) in the British Isles and its cultural contexts. With Honors content. *Occasional*

CAH-ENG

ENL 3378 - Harry Potter Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines J. K. Rowling's Harry Potter series of books and other adaptations. *Occasional*

CAH-ENG

ENL 3378H - Honors Harry Potter Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102H or equivalent and consent of Honors.

Examines J. K. Rowling's Harry Potter series of books and other adaptations. With Honors content. *Occasional*

Department of English

ENL 3451 - Topics in British Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Linguistic, literary, and cultural elements of British writing through various time periods and genres. *Occasional*

CAH-ENG

ENL 3654 - Black British Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of literature written inside the UK by authors of African, South Asian, and Caribbean lineage. *Occasional*

CAH-ENG

ENL 4101 - English Novel

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of major English novelists. *Occasional*

CAH-ENG

ENL 4230 - Eighteenth-Century Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of English literature from 1660 to 1800 and its cultural contexts. *Occasional*

CAH-ENG

ENL 4240 - English Romantic Writers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of English poets and essayists of the romantic period, such as Wordsworth, Coleridge, Hazlitt, Lamb, Byron, Shelley and Keats. *Occasional*

CAH-ENG

ENL 4253 - The Victorian Age

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Key issues and authors of the Victorian age (1837-1901) covering, fiction, poetry, and nonfiction prose. *Occasional*

CAH-ENG

ENL 4262 - Nineteenth Century British Prose

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Essays and fiction of the nineteenth century. *Occasional*

CAH-ENG

ENL 4273 - Modern British Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major writers of modern British literature. *Occasional*

CAH-ENG

ENL 4303 - British Authors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the works of a single British author. May be used in the degree program a maximum of 2 times only when course content is different. *Occasional*

CAH-ENG

ENL 4311 - Chaucer

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The Canterbury Tales, Troilus and Criseyde, and other works. *Occasional*

CAH-ENG

ENL 4333 - Shakespeare Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reading, analysis, and discussion of Shakespeare's plays. *Occasional*

CAH-ENG

ENL 4341 - Milton and His Age

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Paradise Lost, Paradise Regained, Samson Agonistes, shorter poems and selected prose. *Occasional*

CAH-ENG

ENT 3613 - Creativity and Entrepreneurship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore Standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-MAN

ENT 4013 - New Venture Design

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Applied course which focuses on the creation, evaluation, development and launch readiness of a new business or social venture. *Fall, Spring*

BA-MAN

ENT 4014 - New Venture Implementation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENT 3613.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Develops procedure by which start-up businesses can implement a well-researched business model by planning standard business functions necessary to launch the venture. *Fall, Spring*

BA-MAN

ENT 4183 - Technological Entrepreneurship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

How technology and innovation processes affect social and organizational change, and the distinct challenges associated with launching, managing and growing technology-based business ventures. *Spring*

BA-MAN

ENT 4412 - Managing Small Business Finances

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Integrated Business major.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-FIN

ENT 4503 - Social Entrepreneurship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Emphasis on understanding how social entrepreneurs effect change in poor communities in the developing world. *Fall, Spring*

BA-MAN

ENT 4942 - Entrepreneurial Internship

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): Junior standing, application approval, and consent of Management Department.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Supervised, entrepreneurial-related work experience in a sponsoring organization. See Management Department for information. Application required. *Fall, Spring*

BA-MAN

ENV 3001 - Environmental Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): A grade of "C" (2.0) or better in MAC 2312 and in CHM 2045C or CHS 1440 or CHM 2041.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to concepts and terminology of environmental engineering. Stresses material and energy balances. Covers air, water and land pollution. *Fall, Spring*

ECS-CECE

ENV 4120 - Air Pollution and Hazardous Waste Control

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EGN 3343, CWR 3201 and ENV 3001 all with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

ECS-CECE

ENV 4122C - Air Pollution Control Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): ENV 4120 with grade of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project course on design of air pollution control equipment and systems. *Spring*

ECS-CECE

ENV 4300C - Solid Waste Facility Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): ENV 4341 with grade of "C" (2.0) or better and

department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project course on design of a municipal solid waste landfill. *Occasional*

ECS-CECE

ENV 4341 - Sustainable Resource Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENV 3001 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

ECS-CECE

ENV 4433C - Environmental Engineering Wastewater Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): EES 4111C, ENV 4531 both with grades of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Project course in advanced municipal and industrial wastewater treatment design with emphasis on teamwork to complete the design process. *Occasional*

ECS-CECE

ENV 4531 - Environmental Engineering Unit Operations & Processes

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENV 3001, CWR 3201 both with a minimum grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Water and wastewater treatment design considerations with effluent and sludge handling, treatment, and disposal. *Fall, Spring*

ECS-CECE

ENV 4561 - Advanced Environmental Engineering Operations & Processes

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENV 4531 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced water and wastewater treatment including biological nutrient removal and desalination. *Spring*

ECS-CECE

ENV 4562C - Environmental Engineering Water Treatment Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): EES 4202C and ENV 4531 both with grades of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of systems design criteria in the specification and design of a full scale potable water treatment plant. *Spring* M&S fee \$43.00

ECS-CECE

ENV 3571 - Honey Bee Biology and Beekeeping

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): PR: BSC 2010C, BSC 2011, C.I.

Comprehensive overview of honey bee biology and practical introduction to the art and science of beekeeping *Spring*

ENY 4004C - General Entomology**Credit Hours: 4**

Class Hours: 2

Lab and Field Work Hours: 6

Contact Hours: 8

Prerequisite(s): A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Biology of insects: identification, taxonomy, physiology, behavior, and ecology. *Occasional* M&S fee \$15.00

COS-BIOL

ESE 3940 - Internship I - Secondary**Credit Hours: 3-16**

Class Hours: 0

Lab and Field Work Hours: 3-16

Contact Hours: 3-16

Prerequisite(s): EDG 4410 and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student teaching in a secondary school under the supervision of a certified classroom teacher. *Occasional* Graded S/U.

ED-TL&L

ESE 4033C - Critical Issues and Trends in Secondary Education**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Internship I in specific discipline. Corequisite(s): ARE 4941, FLE 4941, LAE 4941,

MAE 4941, SCE 4941, or SSE 4941.

Prerequisite(s) or Corequisite(s):

None.

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. *Fall, Spring*

ED-TL&L

ESE 4942 - Internship II Seminar**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Internship I in the specific discipline Corequisite(s): Internship II in the specific discipline. Prerequisite(s) or Corequisite(s): None.

Culminating seminar emphasizing current classroom management and assessment issues, as they relate to teaching in the secondary grades. *Fall, Spring*

ED-TL&L

ESE 4943 - Internship II - Secondary**Credit Hours: 7-12**

Class Hours: 0

Lab and Field Work Hours: 35

Contact Hours: 35

Prerequisite(s): ESE 3940 or EDE 3942. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student teaching in a secondary school under the direction of a certified classroom teacher. Scheduled concurrent seminars. *Occasional* Graded S/U or Letter grade.

ED-TL&L

ESI 4221 - Empirical Methods for Industrial Engineering**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of empirical methods for industrial engineering problem solving. *Fall*

ECS-IEMS

ESI 4234 - Quality Engineering**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic concepts and techniques of quality control; applications of statistics in industrial research; design of quality assurance systems; reliability engineering. *Fall*

ECS-IEMS

ESI 4312 - Deterministic Methods for Operations Research**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 and MAS 3105 with grades of "C" (2.0) or better in both. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to basic principles and deterministic techniques of operations research. topics include linear programming, integer programming, network flow problems, and non-linear programming. *Fall*

ECS-IEMS

ESI 4313 - Stochastic Methods for Operations Research

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s):

Grades of "C"
(2.0) or better
in (STA 3032
and MAS
3105).

Corequisite(s):
None

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)
. *Spring*

Department of
Industrial
Engineering
and
Management
Systems

ESI 4322 - Supply Chain Engineering**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: STA 3032 and
ESI 4312.

An introduction to basic principles
and techniques of supply chain
engineering through mathematical
models and algorithms for Industrial
Engineers. It includes industrial
applications/case studies. *Fall*

ESI 4523 - Systems Simulation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 3032 with a
grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Methods and procedures for
simulating large-scale systems with
digital computers. High level
simulation languages are used.
Spring

ECS-IEMS

ESI 4628 - Decision Support Systems for Industrial Engineers**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grades of "C" (2.0)
or better in STA 3032 and COP
3223C. Corequisite(s): None.

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.
Spring

Department of Industrial
Engineering and Management
Systems

ETI 3116 - Applied Engineering Quality Assurance**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 2014C or STA
2023. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Fundamentals of industrial quality
control. Technical specifications,
measurements standards, inspection,
and gaging. Process control
techniques. *Fall*

ECS-ECS

ETI 3671 - Technical Economic Analysis**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Analysis of cost elements in
technical operations. Basis for
comparison of alternatives. *Spring*

ECS-ECS

ETI 4186 - Applied Reliability**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ETI 3116.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Practical application of reliability
concepts and analysis applicable to
the design, production and logistics
phases of systems and system
components. *Odd Spring*

ECS-ECS

ETI 4448 - Applied Project Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior Standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall*

ECS-ECS

ETI 4640 - Operations Management for Technologists

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ETI 4635.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Scheduling techniques (PERT), (CPM), are presented. Time Study Methods, Work Sampling and MTM are covered. *Fall*

ECS-ECS

EUH 2000 - Western Civilization I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of western civilization from ancient to 1648. *Fall, Spring*

CAH-HIST

EUH 2001 - Western Civilization II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of western civilization from 1648 to present. May be taken before EUH 2000. *Fall, Spring*

CAH-HIST

EUH 2001H - Honors Western Civilization II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of western civilization from 1648 to present. May be taken before EUH 2000. Honors-level content. *Fall, Spring*

CAH-HIST

EUH 3122 - Medieval Society and Civilization**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fall, Spring

CAH-HIST

EUH 3124 - The Crusades**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The phenomenon of crusading in medieval Europe and the Middle East, including theories of "just war" and jihad. *Even Spring*

CAH-HIST

EUH 3130 - Medieval Knights & Age of Chivalry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

Dynamics of aristocratic society in high medieval Europe, including: chivalry; castle-building; jousts; the Crusades and military orders; and other social and cultural themes. *Even Fall*

EUH 3142 - Renaissance and Reformation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Influence of Renaissance humanism on arts, letters, and politics; Luther and Protestantism; the Catholic Counter-Reformation and the Thirty Years' War. *Occasional*

CAH-HIST

EUH 3180 - Sorcerers, Saints and Heretics: Religion in the Medieval World**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 3180H - Honors Saints, Sorcerers, and Heretics: Religion in the Medieval World**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Consent of Honors

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. *Fall*

EUH 3235 - Romanticism and Realism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Napoleon and nationalism; new ideas; conservatism; liberalism, romanticism, republicanism and socialism; urbanization, technology and mass culture, religious decline; Realpolitik, racism, imperialism, and militarism. *Occasional*

CAH-HIST

EUH 3242 - Modern Europe and the First World War

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the impact of the democratic institutions, education, transportation, housing, health, mass communications, entertainment, women, and warfare. *Occasional*

CAH-HIST

EUH 3281 - Second World War and Rebirth of Europe

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 3310 - History of Medieval Spain 400-1100

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: EUH 2000 or C.I.

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 *Odd Fall*

EUH 3313 - History of Medieval Spain 1100-1500

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

The political, social, and economic development of Spain from frontier kingdom to global superpower. *Even Spring*

EUH 3411 - History of the Roman Republic

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 or WOH 2012 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of Roman civilization from 753 BC to 31 BC. *Odd Fall*

CAH-HIST

EUH 3431 - History of Modern Italy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2001.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The history of modern Italy from the origins of national unification through the post-World War II era. *Occasional*

CAH-HIST

EUH 3441 - Early Modern France

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

France beginning with Wars of Religion. Topics include Absolutism and Louis XIV, nation building, the Enlightenment, imperial expansion, and the French Revolution. *Occasional*

CAH-HIST

EUH 3451 - History of Modern France

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2001, EUH 3242 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

France beginning with the Napoleonic era. Topics include nineteenth century social, political and consumer revolutions, the World Wars, the Cold War, imperialism and decolonization. *Occasional*

CAH-HIST

EUH 3531 - Medieval Ireland

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Ireland's historical and cultural development from 1129 to 1607.

Occasional

CAH-HIST

EUH 3536 - Early Modern Ireland**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Ireland's historical and cultural development from 1607 to 1800.

Occasional

CAH-HIST

EUH 3538 - Modern Ireland**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2001.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Cultural, political and social developments in Ireland after 1800.
Odd Fall

CAH-HIST

EUH 3651 - War and Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Evolution of weapons, tactics,

strategy; role, social status, recruitment of soldiers; influence of military on governments; and international efforts to preserve peace. *Occasional*

CAH-HIST

EUH 4131 - European Warfare 1300-1650**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Grade of 'C' (2.0) or better required in ENC 1102 or EUH 2000, or C.I.

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. *Occasional*

Department of History

EUH 4283 - Cold War Homefronts**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The Cold War from the homefront perspective addressing both sides of the Iron Curtain. *Occasional*

CAH-HIST

EUH 4284 - Fascism and Nazism in the Interwar Europe**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4315 - History of Modern Spain 1500-present**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Grade of 'C' (2.0) or higher required in ENC 1102 or EUH 2001, or C.I.

The political, economic, and cultural development of Spain from the Spanish Golden Age to the present. *Occasional*

Department of History

EUH 4400 - The History of Ancient Greece**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2012 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The history and culture of the Mediterranean world and the ancient Near East from 750 BCE to 323 BCE. *Occasional*

CAH-HIST

EUH 4402 - The Age of Alexander the Great**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 or WOH 2012. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Addresses the history of the Hellenistic period and the spread and impact of Greek culture on non-Greek societies. *Occasional*

CAH-HIST

EUH 4413 - History of the Roman Empire

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: EUH 2000 or WOH 2012 or C.I.

The history of Roman civilization from 31 BC to AD 476 *Even Spring*

EUH 4426 - Sex and Gender in Antiquity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 or WOH 2012. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examines the concepts of sex and gender in Greek and Roman societies and their impact on modern society. *Occasional*

CAH-HIST

EUH 4465 - Hitler's Third Reich

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4500 - English History to 1485

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH

2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Occasional

CAH-HIST

EUH 4501 - English History: 1485-1815

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Occasional

CAH-HIST

EUH 4502 - British History: 1815-Present

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Occasional

CAH-HIST

EUH 4504 - English Legal History I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4571 - History of Russia to 1801

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

Occasional

CAH-HIST

EUH 4574 - History of Russia: 1801-1917

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4576 - History of Russia in the 20th Century

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

War and Revolution, Lenin, Stalinist Period, WWII, The Cold War. Collapse of Soviet Union, the New

Russia. *Occasional*

CAH-HIST

EUH 4610 - Women in European Society: From Medieval to Modern

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

This course examines the changing situation of women in Europe from the Middle Ages to the twentieth century. *Occasional*

CAH-HIST

EUH 4610H - Honors Women in European Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): GEP Honors completion or permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary approach to the changing situation of women in Europe across space and over time with honors-level content. *Occasional*

CAH-HIST

EUH 4620 - European Great Powers: 1815-1914

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4663 - History of Communism in Europe

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

EUH 4674 - Sport and Society in the Ancient World

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000, EUH 2001 or WOH 2012, WOH 2022.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A comparison of the original form of the Olympic Games (and ancient notions of sport) to their modern counterparts. *Occasional*

CAH-HIST

EUH 4674H - Honors Sports & Society in the Ancient World

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): GEP Honors completion or permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary approach to comparing the Original Olympic

games and other ancient athletic spectacles with their modern counterparts with honors-level content. *Occasional*

CAH-HIST

EVR 1001 - Introduction to Environmental Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Environmental science and environmental systems in the context of real places, real people, real problems and real data. *Fall*

COS-BIOL

EVR 1001H - Honors Introduction to Environmental Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Environmental science and environmental systems in the context of real places, real people, real problems, and real data. *Fall*

COS-BIOL

EVR 3450 - Interdisciplinary Research Methods for Environmental Studies

EVR 4940 - Capstone Environmental Studies

Credit Hours: 3

Class Hours: 3

Prerequisite(s): Environmental Studies Major in graduating semester, or C.I.

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.

Department of Environmental Studies

EXP 3204 - Sensation and Perception

Credit Hours: 3

Class Hours: 3
Contact Hours: 3
Prerequisite(s): PSY2012

Consideration of physical and psychological variables in perceptual phenomena. *Fall, Spring, Summer*

Department of Psychology

EXP 3250 - Principles of Human Factors Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

COS-PSYCH

EXP 3304 - Motivation and Emotion

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Some topics including human performance, obedience, ideology, aggression, and psychological well-being. *Occasional*

COS-PSYCH

EXP 3404 - Basic Learning Processes

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and research on learning phenomena. *Occasional*

COS-PSYCH

EXP 3604 - Cognitive Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theory and research on attention, memory, complex human learning, and problem solving. *Fall, Spring*

Department of Psychology

EXP 3640 - Psychology of Language

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Psychological principles involved in the communicative process, with application to individuals and groups. *Occasional*

COS-PSYCH

EXP 4507 - Advanced Human Memory and Cognition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): PSY 3213C, EXP 3604. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

In-depth coverage of experimental research on human memory and cognition. *Occasional*

COS-PSYCH

FIL 1000 - Cinema Survey

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introductory course that focuses on different approaches to studying cinema. *Fall, Spring*

CAH-SVAD

FIL 1000H - Honors Cinema Survey

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introductory course that focuses on different approaches to studying cinema. Honors-level content. *Fall, Spring*

CAH-SVAD

FIL 1007 - Foundations of Story

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Digital Media or Cinema Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Studies major, or Cinema Studies minor. Analysis of dramatic and cinematic narrative structures, both plot and character, from historical and cultural perspectives. *Fall, Spring*

CAH-SVAD

FIL 1008 - Cinematic Expression I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Film major or Cinema Studies Minor
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis and practice of aesthetic principles essential in filmmaking, including composition, moving graphics, image design, lighting styles. *Fall, Spring*

Department of Film and Mass Media (NSCM)

FIL 2030 - History of Motion Pictures

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The history of motion pictures as art and industry; from 1895 to the present. *Fall, Spring*

CAH-SVAD

FIL 2107 - Script Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1101 and FIL 1007.

Introduction to dramatic and visual storytelling techniques used in both

traditional and non-traditional filmmaking and screenwriting. *Fall, Spring*

CAH-SVAD

FIL 2423 - Foundations of Production

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Digital Media or Cinema Studies major, or Cinema Studies minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic production techniques used in film making. Students must supply their own video equipment and editing equipment. Any format is acceptable. *Fall, Spring*

CAH-SVAD

FIL 2424 - Introduction to Film Production

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Film BA Major. Corequisite(s): None.

Introduction to budgeting, script breakdown, construction of production boards, scheduling, location scouting, and crew positions. *Fall, Spring*

CAH-SVAD

FIL 2461C - Cinematography I

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): Film BA major and FIL 2424. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the principles of the motion image capture process: camera, lenses, lighting, and grip

theories, techniques and technologies. *Fall* \$10.00

CAH-SVAD

FIL 2480 - Directing Techniques for Film

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Film BA or Film BFA major, FIL 1008 and FIL 2424. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIL 3115.

Introduction to processes and techniques of film directing. *Fall, Spring* \$15.00

CAH-SVAD

FIL 2481 - Directing the Actor for Film I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Film Major
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Developing an ability to direct and work with film actors effectively, using various acting and directing techniques. *Spring*

Department of Film and Mass Media (NSCM)

FIL 2534 - Sound Design for Film I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Film BA or Digital Media major and FIL 2552 or DIG 2030. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the principles of the motion picture sound process: recording, editing, and mixing theories, techniques, and

technologies. *Fall, Spring*

CAH-SVAD

FIL 2552 - Editing I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Film BA major.

Corequisite(s): None.

Introduction to the principles of motion picture post-production process: editing, workflow, and exhibition theories, techniques, and technologies. *Fall, Spring*

CAH-SVAD

FIL 3006 - Art of the Cinema

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2030.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An analysis of basic elements of cinematic style including film direction, editing, cinematography, art direction and sound. *Fall, Spring*

CAH-SVAD

FIL 3036 - Film History I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2030 and Film major or Cinema Studies Minor

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

Department of Film and Mass Media (NSCM)

FIL 3037 - Film History II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2030 and Film Major or Cinema Studies

Minor. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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. *Spring*

Department of Film and Mass Media (NSCM)

FIL 3041 - History of Animated Films I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Cinema Studies, Art, Animation or Digital Media major.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Evolution of animation from its roots in Art, Theatre, and Novelty Inventions to its rise as a cinematic force of popular storytelling. *Even Fall*

CAH-SVAD

FIL 3051 - Avant-Garde Cinema

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing and Film major or Cinema Studies Minor or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

History and aesthetics of Avant-Garde Cinema with an emphasis on post WWII North American films and filmmakers. *Spring*

Department of Film and Mass Media (NSCM)

FIL 3072C - Cinema in the 1940s and 1950s

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2030

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Films of the 1940s and 1950s as they pertain to the political, social, cultural, and artistic context of the period. *Occasional*

Department of Film and Mass Media (NSCM)

FIL 3073C - Cinema in the 1960s and 1970s

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): FIL

2030 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Films of the 1960s and 1970s as they relate to the political, social, cultural, and artistic context of the period. *Occasional*

Department of Film and Mass Media (NSCM)

FIL 3074C - Cinema 1980s to the Present

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL2030 and either Film Major or Cinema Studies Minor

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Films from the 1980s and onward as they pertain to the political, social, cultural, and artistic context of the period. *Occasional*

Department of Film and Mass Media (NSCM)

FIL 3102 - Writing for Film and TV

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, ENC 1102, and FIL 1007. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and process of screen writing for motion pictures and television. Students learn how to create stories and scripts for the entertainment marketplace. *Fall, Spring*

CAH-SVAD

FIL 3115 - Short Script I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2107 and Film Major or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rudiments of writing the short script. Analysis of script models and examination of differences between long and short forms. Writing scripts for workshops. *Fall, Spring*

Department of Film and Mass Media (NSCM)

FIL 3132 - Short Script II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3115 and Film BFA major Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced writing of short scripts in preparation for Senior-level Narrative Production 1 and 2 courses. *Spring*

Department of Film and Mass Media (NSCM)

FIL 3304C - Documentary Vision

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): FIL 3363C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Styles and approaches to documentary filmmaking, with emphasis on making short, personal films. *Spring*

CAH-SVAD

FIL 3307 - Docudrama

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL2030 and either Film major or Cinema Studies Minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques to dramatize real-life events and persons, with emphasis on representation, adaptation and ethics. *Occasional*

Department of Film and Mass Media (NSCM)

FIL 3363C - Film Documentary

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 2030 and Film major or Cinema Studies minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The uses and analysis of the nonfiction film. *Fall, Spring*

Department of Film and Mass Media (NSCM)

FIL 3379C - Advanced Documentary Production

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 6

Contact Hours: 9

Prerequisite(s): Film BA or Film BFA Major and FIL 3363C or C. I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced readings and analysis of documentary history, theory and ethics; production and practice of contemporary nonfiction entertainment. *Occasional*

CAH-SVAD

FIL 3379C - Honors Advanced Documentary Workshop

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 6

Contact Hours: 9

Prerequisite(s): ENC 1102H and Consent of Honors or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Public history research and documentary production. Student-produced multimedia projects centered on local partnerships that explore the public history of Central Florida. With Honors content. *Occasional*

CAH-SVAD

FIL 3401 - Research Methods for Filmmakers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Film BA or Film BFA Major and ENC 1102

Research methods and applied issues of responsibility for film makers *Fall, Spring, Summer*

FIL 3455C - Film Landscapes: Story, Image and Production Design

Credit Hours: 6

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): FIL 2423 or FIL 2424, and FIL 2030. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The use of landscape in film and its importance to the art of production design. *Occasional*

CAH-SVAD

FIL 3462C - Cinematic Expression II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 1008 and either Film Major or Cinema Studies Minor
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of the film image, sound, and sequence using principles and elements of visual, aural, and cinematic design theory. The course will include practical studies and films. *Fall, Spring*

Department of Film and Mass Media (NSCM)

FIL 3483 - Directing the Actor for Film II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2481.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Characterization and scene study as it applies to directing the actor for film. *Occasional*

CAH-SVAD

FIL 3720C - Introduction to Animation

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): DIG 3951 and declared Character Animation

specialization, or ART 3950 and declared Experimental Animation specialization, or a minimum grade of "B" (3.0) in DIG 4713 and declared Game Design specialization. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introductory computer graphic techniques utilizing microcomputer systems. Techniques include basic paint systems, color cycling and 2D animation. *Fall, Spring*

CAH-SVAD

FIL 3734C - Intermediate Animation

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Experimental Animation and Character Animation majors only, FIL 3720C and DIG 4780C, and successful portfolio review or C.I. Focus on 3D computer modeling and animation systems. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Hands-on exercise on the type of high-end animation systems used in the film industry. May be repeated for credit. *Fall, Spring*

CAH-SVAD

FIL 3803C - Film Theory and Criticism I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Junior Standing and Film Major Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major film theories to the Second World War Period. *Fall*

Department of Film and Mass Media (NSCM)

FIL 3804C - Film Theory and Criticism II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL

3803C Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Major film theories from Second World War period to present. *Spring*

Department of Film and Mass Media (NSCM)

FIL 3823 - German Film

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-LANG

FIL 3824 - Italian Neo-Realist Cinema

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3036 or FIL 3037, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Post-World War II period of the Italian cinema, with emphasis on the work of Antonioni, Visconti, Pasolini, Fellini, and Rossellini. *Occasional*

CAH-SVAD

FIL 3826 - American Cinema

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL2030 and Film major or Cinema Studies minor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Lectures, films and forums designed to provide awareness of styles, images, and myths in cinema that influence or reflect our culture.

Spring

Department of Film and Mass Media (NSCM)

FIL 3831 - Black Cinema**Credit Hours: 3**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Junior standing and ENC 1102. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Independent black film movements; theory, aesthetics and criticism of African-American, African-Canadian and African-Caribbean cinema. *Fall*

CAH-SVAD

FIL 3841 - French New Wave Cinema**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3036 or FIL 3037, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Post-World War II period of the French cinema, emphasizing the work of Renoir, Bresson, Godard, Rohmer, Resnais, and Rivette.

Occasional

CAH-SVAD

FIL 3842 - International Cinema**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): FIL 3036 or FIL 3037, and Film BFA or Film BA major.

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.

Occasional

CAH-SVAD

FIL 3845 - World Cinema Traditions**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3036 or FIL 3037 and Film Major or Cinema Studies Minor Corequisite(s): None.

The relationship among film, history, and culture in selected Asian, African, Latin American, and Middle Eastern countries. *Fall, Spring*

Department of Film and Mass Media (NSCM)

FIL 3847 - Latin American Cinema**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIL 3036 or FIL 3037 and Film BFA, World Cinema, or Cinema Studies major.

Latin American films and film movements, historical and contemporary issues, social, and aesthetic concerns. *Spring*

CAH-SVAD

FIL 3850 - Cinema Directors**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3803C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive study of the work of selected film-makers using multiple modes of criticism and author analysis to examine films.

Occasional

Department of Film and Mass Media (NSCM)

FIL 3862C - Narrative Structures in Film**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): LIT 2110 and LIT 2120. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Different structures of narrative in film and the ways in which narrative structures have been theorized and understood. *Fall*

CAH-SVAD

FIL 3865C - Mise en scene and Film Style**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 3803C and Film BFA or Film BA Major Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Formal analysis of approaches to film style with specific emphasis on mise en scene. *Spring*

CAH-SVAD

FIL 3870C - Music, Natural Sounds and Dialogue in Film

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 3035C .

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Study of relationship between music,
natural sounds, dialogue, and moving
images. *Occasional*

CAH-SVAD

**FIL 3871 - The American Film
Artist****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2030.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Analysis of a major American
filmmaker's style, vision and works;
how these evolved and their impact
on film and the culture. May be
repeated for credit. *Fall*

CAH-SVAD

**FIL 3878C - Color and Lighting in
Cinema****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 3035C .

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Ideas and practices related to lighting
and color primarily in film but also
painting, sculpture, photography and
theatre. *Occasional*

CAH-SVAD

**FIL 3880C - Images of Women in
Film****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL 2030.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.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. *Fall, Spring*

CAH-SVAD

FIL 3922 - Film Colloquium**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Film majors only.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.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. May
be repeated for credit. *Fall, Spring*
Graded S/U.

CAH-SVAD

**FIL 4040 - Animation Film
History for Non Film Majors****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Evolution of animation since World
War II. *Fall, Spring*

CAH-SVAD

**FIL 4042 - History of Animated
Films II****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 3041, and
Cinema Studies, Art, Animation or
Digital Media major. Corequisite(s):
None. Prerequisite(s) or

Corequisite(s): None.

Growth and diversification of
American and international
animation since 1945. *Spring*

CAH-SVAD

FIL 4057C - Hollywood Cinema**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL

2030 Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.This course studies Hollywood
cinema historically, culturally,
stylistically, and organizationally.
*Occasional*Department of Film and Mass Media
(NSCM)**FIL 4103 - Adaptation****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2107.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.The process of adapting scripts from
other sources. The investigation of
the legalities of adaptation, analysis
of existing models, and written
adaptations. *Occasional*

CAH-SVAD

**FIL 4103H - Honors Film
Adaptation****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.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. *Occasional*

CAH-SVAD

FIL 4126C - Genre Writing

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Film BA or Film BFA major and FIL 3803C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced screenwriting practice in selected genres, including comedy, humor, western, crime, horror, and etc. *Occasional*

CAH-SVAD

FIL 4162C - Feature/TV Writing I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Film BFA Major and ENC 1102. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author feature-length screenplays over the course of two semesters. May be repeated for credit one time. *Fall*

CAH-SVAD

FIL 4163C - Feature/TV Writing II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Film BFA major, FIL 3102, FIL 3115, and FIL 4162C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author feature-length screenplays over the course of two semesters. May be repeated for credit

one time. *Spring*

CAH-SVAD

FIL 4301C - Documentary Production I

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Film BFA Major and ENC 1102. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author and apply narrative structure and production techniques to nonfiction film. May be repeated for credit one time. *Fall* \$40.00

CAH-SVAD

FIL 4302C - Documentary Production II

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Film BFA Major, FIL 3363C, and FIL 4301C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author and apply narrative structure and production techniques to nonfiction film. May be repeated for credit one time. *Spring* \$40.00

CAH-SVAD

FIL 4427C - Film Production Workshop

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PR: Film BA or Film BFA major Corequisite(s):

FIL4472C or FIL4647 or FIL4535C or FIL4566C

Directors, writers, producers,

cinematographers, editors, sound designers, and production designers collaborate to produce, shoot, edit, and deliver narrative, documentary, or experimental projects. May be repeated for credit four times. *Fall, Spring* \$35.00

FIL 4428C - Narrative Production I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PR: Film BFA major and ENC 1102

Tutorial-based studio course in which students author creative work within the modality of narrative production. May be repeatable for credit one time. *Occasional* \$60.00

FIL 4434C - Capstone I - The Professional Practice

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Senior standing and Film BA or Film BFA major.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Prepares students for the transition to a professional practice, clarifying the paths available to visual artists after graduation. *Fall, Spring*

CAH-SVAD

FIL 4436 - Film Theory/Film Production

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing and FIL 1008 or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Non-narrative filmmaking demonstrating the dynamic interplay between producing, viewing, reading and writing about images. *Odd*

Spring

CAH-SVAD

FIL 4437C - Narrative Production II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PR: Film BFA major, FIL 3115, FIL 2480, and FIL 4428C Narrative Production I

Tutorial-based studio course in which students author creative work within the modality of narrative production. May be repeatable for credit one time. *Occasional* \$60.00

FIL 4439C - Micro-Process Production

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PR: Film BA or Film BFA major, FIL 2480, and FIL 3115

Individual fiction and non-fiction video projects under the guidance of a faculty mentor with an emphasis on limited scale of production processes. May be repeated for credit four times. *Spring*

FIL 4451 - Design for Film

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 2424, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of visual structure of film. Specific problems in art direction.
Fall

CAH-SVAD

FIL 4453C - Special Problems in Film Design

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): FIL 2423 or FIL 2424 and FIL 2030. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A series of exercises in craft, techniques, and design for film production, including animation.
Occasional

CAH-SVAD

FIL 4472C - Cinematography II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Film BA major and FIL 2461C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An intermediate course focusing on the concepts and techniques of film/video image making and related technologies. *Fall, Spring* \$25.00

CAH-SVAD

FIL 4486C - Directing for Film II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Film BA major and FIL 2480. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An advanced course examining the processes and techniques of film directing and working with actors.
Fall, Spring

CAH-SVAD

FIL 4487 - Directing for Film III

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIL 4486C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced processes and techniques of film directing. *Spring*

CAH-SVAD

FIL 4535C - Sound Design for Film II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Film BA or Film BFA or Digital Media major and FIL 2534. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-SVAD

FIL 4536C - Sound Design for Film III

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Film BFA or Digital Media Major and FIL 4535C
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced aspects of sound mixing and sound editing using advanced protocols and digital format.
Occasional

CAH-SVAD

FIL 4566C - Editing II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): Film BA or Film BFA major and FIL 2552.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced theory and practice of film editing, emphasizing hands-on work and critique, related post-production processes, and the collaborative process of achieving a project's vision. *Fall, Spring* M&S fee \$5.00

CAH-SVAD

FIL 4573C - Capstone II - Exhibition and Seminar

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 3
Contact Hours: 4
Prerequisite(s): Film BFA Major, Senior standing, and FIL 4434C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Exhibition and seminar. Students curate their individual BFA works into a public exhibition. *Spring* \$25.00

CAH-SVAD

FIL 4602 - Film Business

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing and Film major
Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

This is a seminar course taught by a professional in the film industry which deals with issues relating to the organization and production of motion pictures. *Spring*

Department of Film and Mass Media (NSCM)

FIL 4615C - Film Marketing and Exhibition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): Film BA or Film BFA major
Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

The process of film festival marketing is examined and practiced in conjunction with local film festivals. *Spring*

CAH-SVAD

FIL 4647 - Film Production Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 and Junior Standing, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Production, budgeting, script breakdown, construction of production boards, scheduling, location scouting, and crew procurement. *Spring*

CAH-SVAD

FIL 4661 - The Film Producer

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing and Film major.
Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The role of the producer is examined in the context of theatrical film. *Spring*

Department of Film and Mass Media (NSCM)

FIL 4735C - Experimental Animation

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): "C" (2.0) or better in FIL 3734C and a satisfactory portfolio review or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Exploring Individual creation of original narrative and nonnarrative animation with sound through classic, current, innovative, and hybrid analog and digital methodology. May be repeated for credit. *Occasional*

CAH-SVAD

FIL 4750C - Experimental Animation Workshop

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): "C" (2.0) or better in FIL 3720C and a satisfactory portfolio review or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Individual and group creation of original narrative and non-narrative animation with sound through classic, current, innovative, and hybrid analog and digital methodology. May be repeated for credit. *Occasional*

CAH-SVAD

FIL 4830 - Motion Picture Genre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FIL 2030.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis and evaluation of films, including their major genres, directors, styles, and periods. *Occasional*

CAH-SVAD

FIL 4830H - Honors Motion Picture Genre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis and evaluation of films, including their major genres, directors, styles, and periods. With Honors content. *Occasional*

CAH-SVAD

FIL 4876C - Experimental Cinema I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Film BA or BFA majors and ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author creative work within the modality of experimental cinema. May be repeated for credit one time. *Fall* \$55.00

CAH-SVAD

FIL 4877C - Experimental Cinema II

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): Film BA or BFA major, FIL 3051, and FIL 4876C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Tutorial-based studio course in which students author creative work within the modality of experimental cinema. May be repeated for credit one time. *Spring* \$55.00

CAH-SVAD

FIL 4934C - Current Problems in Film and Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FIL

2030 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Concentration on the most recent work in film studies concerned with film in its relation to cultural issues. *Occasional*

Department of Film and Mass Media (NSCM)

FIN 2100 - Personal Finance and Investments

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Open to all students (majors, minors, and non-majors).

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview of personal and family financial planning. Topics include housing, investments, insurance, retirement planning, estate planning, financial services, consumer credit, and tax planning. *Fall, Spring*

BA-FIN

FIN 3303 - Financial Markets

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIN 3403 with a "C" (2.0) or better; open to majors or minors which require this course.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The role of short and long-term financial markets and financial institutions in capital formation and allocation. Theories and mathematics of interest rates. *Fall, Spring*

BA-FIN

FIN 3403 - Business Finance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ACG 2021 and ECO

2013 or ECO 2023 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

With the balance sheet as a reference point, this course provides an introduction and overview of the acquisition, financing, and management of business assets. *Fall, Spring*

BA-FIN

FIN 3403H - Honors Business Finance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ACG 2021 and ECO 2013 or ECO 2023 with a grade of "C" (2.0) or better and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

BA-FIN

FIN 3414 - Intermediate Corporate Finance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In-depth study of the principles of corporate finance. Investment,

financing, and capital decisions are examined. *Fall, Spring*

BA-FIN

FIN 3461 - Financial Statement Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Understanding and interpreting financial statement data for business decisions and valuations. *Fall, Spring*

BA-FIN

FIN 4243 - Debt and Money Markets

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-FIN

FIN 4313 - Management of Financial Institutions

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FIN 3303 and FIN 3403, each with a "C" (2.0) or better; open to majors or minors which require this course. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of management policies of financial institutions, including assets liability, and capital management. The economics and regulatory influence on competition is considered. *Occasional*

BA-FIN

FIN 4324 - Commercial Bank Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of the intersections of commercial banking policies and an analysis of current approaches to managing specific bank products. *Fall, Spring*

BA-FIN

FIN 4424 - Advanced Topics in Financial Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study in financial

management. Topics include capital budgeting, financial structure, and capital decisions. Case studies used extensively. *Fall, Spring*

BA-FIN

FIN 4451 - FinTech for Decision Makers

Credit Hours: 3.0

Prerequisite(s): Class can be taken with departmental permission ONLY. ECO 4443 and FIN 4458 Corequisite(s): None Prerequisite(s) or Corequisite(s): None

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. *Fall*

Department of Finance

FIN 4453 - Financial Models

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mathematical models applied specifically to financial problems, including those models suitable for representation and solutions on computers. *Fall, Spring*

BA-FIN

FIN 4458 - Foundations of FinTech

Credit Hours: 3.0

Prerequisite(s): ECO 4443 Corequisite(s): None Prerequisite(s) or Corequisite(s): None

Overview of FinTech, which involves technology innovations in the financial services sector including retail banking, investments, blockchain and cryptocurrencies. *Spring*

Department of Finance

FIN 4504 - Equity and Capital Markets

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-FIN

FIN 4514 - Portfolio Analysis and Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Portfolio and capital market theory in the determination of rational investment policies. Risk analysis, portfolio analysis, and evaluation techniques. *Fall, Spring*

BA-FIN

FIN 4533 - Financial Derivatives

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Options, futures, forwards, and other derivative contracts. Investments traded in these markets are examined. Pricing and hedging are considered. *Fall, Spring*

BA-FIN

FIN 4560H - Honors Applied Portfolio Management 1

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors or CI. 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

BA-FIN

FIN 4561H - Honors Applied Portfolio Management 2

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors or CI. 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student Managed Portfolio program with honors content. Rigorous coverage of advanced portfolio management topics, including uses of derivatives, tax issues, and style investing. *Occasional*

BA-FIN

FIN 4604 - International Financial Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of the foreign financial methods and investment, currency futures market, capital budgeting, cash management, examination of Eurocurrency market and international bond markets. *Fall, Spring*

BA-FIN

FIN 4941 - Finance Internship

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Supervised finance work experience in a pre-approved sponsoring organization. See department for information and application. *Fall, Spring* Graded S/U.

BA-FIN

FLE 3160 - Education and Culture/Language Diversity

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to major, overall 2.5 GPA, 3.0 GPA in major, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A cross-cultural field experience which includes cultural and language immersion. Theoretical and applied knowledge of culture and language diversity. *Occasional*

ED-TL&L

FLE 4340 - Teaching World Languages in K-12 Schools

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Teacher Education B.S. World Languages Education track or Lifelong Learning track or C.I.

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. *Spring*

FRE 1120C - Elementary French Language and Civilization I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-LANG

FRE 1121C - Elementary French Language and Civilization II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FRE 1120C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of FRE 1120C. *Fall, Spring*

CAH-LANG

FRE 2200 - Intermediate French Language and Civilization I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FRE 1121C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of language skills and cultural knowledge at the intermediate level. *Fall, Spring*

CAH-LANG

FRE 2201 - Intermediate French Language and Civilization II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): FRE 2200 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of FRE 2200 with emphasis on French civilization. *Fall, Spring*

CAH-LANG

FRE 3300 - French Grammar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth review of the structures of French for students who intend to take French literature courses. *Fall*

CAH-LANG

FRE 3312 - Advanced French Grammar II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent

Expand and develop students' grammatical knowledge and accuracy in French. *Spring Fall*

Department of Modern Languages and Literatures

FRE 3410 - Advanced Oral French Abroad

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2200, FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed for students participating in the Study Abroad Program in France. Students will be immersed throughout the term speaking French. May be repeated for credit. *Occasional*

CAH-LANG

FRE 3420 - French Composition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of skills in composition. *Fall*

CAH-LANG

FRE 3423 - Advanced French Grammar Abroad

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 2200, FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will be immersed throughout the term applying grammatical concepts as they relate to written expression in order to enhance oral expression. May be repeated for credit. *Occasional*

CAH-LANG

FRE 3440 - Business French I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Three semesters of French language. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces vocabulary and terminology in various French business activities, as well as standards, procedures, and practices of the French business world. *Occasional*

CAH-LANG

FRE 3441 - Business French II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 3440 or C.I. Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Introduction to French business language and practices. *Occasional*

CAH-LANG

FRE 3760 - Advanced French Oral Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues. *Spring*

CAH-LANG

FRE 3780 - French Phonetics and Diction

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

French phonology, with emphasis on phonic groupings. *Spring*

CAH-LANG

FRE 4421 - Advanced French Conversation

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 3760. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced conversation on directed topics from various disciplines; literature, art, psychology, philosophy, music, business, and the sciences. *Fall*

CAH-LANG

FRE 4422 - Advanced French Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 3420. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Readings and written imitations of modern literary styles in the form of themes, sketches, poems, and original stories. *Spring*

CAH-LANG

FRE 4471 - Advanced French Cultural Studies Abroad

Credit Hours: 6

Class Hours: 6
Lab and Field Work Hours: 0
Contact Hours: 6
Prerequisite(s): FRE 2201 or equivalent, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will develop strong conversational skills at the third year level while studying French culture abroad. May be repeated for credit. *Occasional*

CAH-LANG

FRE 4500 - French Civilization and Culture

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FRE 3420. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-LANG

FRE 4503 - Quebecois Civilization

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): 2 years of college level French or equivalent.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the main epochs and events in the history of the French civilization in North America with particular emphasis on Quebec. *Occasional*

CAH-LANG

FRE 4950C - French Portfolio

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): French BA, Senior Standing and C.I. Portfolio application for French majors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The portfolio is part of the exit exam and is prepared during tenure at UCF. *Fall, Spring*

CAH-LANG

FRT 3140 - French and Francophone Literary Masterworks in Translation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2200.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May include survey covering texts from the Middle Ages to the present or may focus on a particular period, genre, or topic. *Occasional*

CAH-LANG

FRT 3451 - French Translation and Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 3300 and FRE 3420 or FRE 4422 Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Explores the basic concepts of English/French, French/English translation and interpretation.

Occasional

CAH-LANG

FRT 3562 - French Contemporary Pop Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2200.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of Modern France and its culture, with emphasis on contemporary trends in language, music, fashion, fiction, press, cyberculture, street arts, and food. *Occasional*

CAH-LANG

FRT 3810 - French Multimedia Translation and Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent.

Mastering translation and interpretation in mass communication using all forms of media, i.e: radio, TV, press, websites and social media. *Occasional*

Department of Modern Languages and Literatures

FRT 3830 - Medical French Translation and Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent

Basic French terminology, techniques, and ethics in the field of medical translation and interpretation. *Occasional*

Department of Modern Languages and Literatures

FRT 3831 - French Legal Translation and Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent

Develop consecutive, simultaneous, and sight interpretation skills as well as written text translation skills needed for translation of legal documents. *Occasional*

Department of Modern Languages and Literatures

FRT 4421 - French Medieval Literature and Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3810.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides students with the skills needed to read, discuss, and write about French Literature and culture of medieval France. *Occasional*

CAH-LANG

FRT 4822 - Field Research in Sociolinguistics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 1121C

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An interdisciplinary seminar to introduce students to the tools and concepts of qualitative sociological, cultural and linguistic field research. *Occasional*

CAH-LANG

FRT 4941 - Internship**FRW 3100 - Survey of French Literature I****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Main literary currents and works from the Middle Ages through the 18th century. *Fall*

CAH-LANG

FRW 3101 - Survey of French Literature II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Main literary currents and works of the 19th and 20th centuries. *Spring*

CAH-LANG

FRW 3370 - Short Stories of 18th, 19th and 20th Centuries**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Selected readings designed to increase reading speed and develop analytical abilities. Authors include: Voltaire, Maupassant, Flaubert, Camus, and others. *Occasional*

CAH-LANG

FRW 3740 - The French Literature of Canada**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-LANG

FRW 3752 - French Caribbean Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literature of the French speaking Caribbean from colonial times to the present, in French. *Occasional*

CAH-LANG

FRW 3760 - Creole Identity in the French-Speaking World**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Creole literatures and cultures of the Francophone world. *Spring*

CAH-LANG

FRW 3770 - Francophone Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The literature of the Francophone world. Students will read, analyze and discuss literary works written in French. *Even Spring*

CAH-LANG

FRW 3810 - French Literary Texts and Analysis**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 2201. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

French Literature and literary analysis from the Middle Ages to the present. Course is conducted in French. *Fall*

CAH-LANG

FRW 4281 - 20th Century French Novels**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3100 or FRW 3101 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contemporary French Novel. Will

focus on post-war authors, both traditional and avantgarde, such as Bazin, Beckett, Butor, Camus, Mauriac, Malraux and Sarraute. *Occasional*

CAH-LANG

FRW 4310 - Early Modern French Theater

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Early modern French theatre through a series of renaissance, baroque and neoclassical plays in the context of social and political criticism of their time.

Occasional

Department of Modern Languages and Literatures

FRW 4324 - 20th Century French Drama

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3100 or FRW 3101 or equivalent, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concentration on traditional and avant-garde theater after WWII, such as the works of Beckett, Camus, Claudel, Ciraudoux, Ionesco, and Sartre; different literary approaches will also be used. *Occasional*

CAH-LANG

FRW 4380 - Happily Ever After: Fairy Tales to Ex-Machina

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

Odd Spring

Department of Modern Languages and Literatures

FRW 4440 - French Literature of the Eighteenth Century

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3100.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The philosophical movement: Montesquieu, Vauvenargues, Voltaire, Diderot, Buffon. *Odd Fall*

CAH-LANG

FRW 4532 - French Romanticism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3100

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Great poets and dramatists of the Romantic Movement: Hugo, Lamartine, Vigny, Musset, and others. *Occasional*

CAH-LANG

FRW 4552 - Nineteenth Century French Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRW 3101.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Realism and naturalism. *Occasional*

CAH-LANG

FRW 4820 - Stylistics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FRE 3420 or equivalent. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

An intense study of textual criticism. An examination of the relationship between language and literature; explications and linguistic analysis of literary texts. *Occasional*

CAH-LANG

FSS 2221C - Techniques of Food Preparation

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): HFT 1000.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic principles and practice of food and beverage preparation, service, and menu development. *Fall, Spring* M&S fee \$70.00

RCHM-FOOD&LODG

FSS 2284C - Food Preparation for Catered Events

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): HFT 1000.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic principles and practice of food preparation and menu development for catered events. Methods and procedures for on and off premise catered events. *Fall, Spring* M&S fee \$70.00

RCHM-FOOD&LODG

FSS 3006C - Garde Manger

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): PR: FSS 2221C or FSS 2284C

Application of advanced preparation techniques of cold foods, preservation techniques, edible centerpieces, and buffet presentations. *Occasional* \$70.00

FSS 3008 - Culture and Cuisine**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000 and FSS 2221C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The major historical and geographical developments that have affected the creation of the cuisines of the world. *Occasional* M&S fee \$35.00

RCHM-FOOD&LODG

FSS 3008C - Contemporary Cuisine**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): PR: FSS 2221C or FSS 2284C

The evolution of cuisine from classical to contemporary methods including the exploration of farm to table, nutrition, and alternative diet recipes and menus. *Occasional* 70.00

FSS 3051C - Techniques of Baking and Pastry**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): PR: FSS 2221C or FSS 2284C

Techniques of baking and pastry as

used in a commercial kitchen with a focus on ingredient functions, product identification, weights, and measures. *Occasional* 58.00

FSS 3124 - Food Supply Chain Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FSS 2221C, HFT 3263 and Junior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning and management activities involved in sourcing, procurement, logistics, sustainability, commodities markets, and social responsibility as related to food products and services. *Fall, Spring*

RCHM-FOOD&LODG

FSS 3232C - Foodservice Operations Management**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): HFT 1000 and FSS 2221C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. *Occasional* M&S fee \$70.00

RCHM-FOOD&LODG

FSS 4135 - Corporate Contract and Managed Services Organizations**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3263 and Junior standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

The unique characteristics of managed services including contracting, commodity purchasing, pricing, and revenue management. *Occasional*

RCHM-FOOD&LODG

FSS 4286C - Catering Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): HFT 1000, FSS 2221C, HFT 3263, and Junior standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The creation and execution of successful on-premise catered events. Emphasis on hands on menu planning and design, food preparation, and various service styles. *Occasional* M&S fee \$70.00

RCHM-FOOD&LODG

GEA 3403 - Human Geography of Latin America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Populations, hemispheric interdependence, and international development of Latin America. *Fall*

CAH-LAS

GEA 3404 - Migration Trends in Latin America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

<p>Migration trends in Latin America and the impact that migration has had on the Americas. <i>Spring</i></p> <p>CAH-LAS</p> <p>GEA 3455 - Geography of Brazil</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ENC 1101 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Geophysical, cultural, economic, and social characteristics and processes of Brazil. <i>Fall</i></p> <p>CAH-LAS</p> <p>GEA 4405 - Geography of Latin America</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes. <i>Occasional</i></p> <p>CAH-LAS</p> <p>GEA 4405H - Honors Geography of Latin America</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ENC 1102H or equivalent credit and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes. With</p>	<p>honors content. <i>Spring</i></p> <p>CAH-LAS</p> <p>GEB 2350 - Foundations of Business</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Introduction to the U.S. business system and the role it plays in a global economy. <i>Fall</i></p> <p>BA-MAR</p> <p>GEB 3003 - Career Research & Planning</p> <p>Credit Hours: 1 Class Hours: 1 Lab and Field Work Hours: 0 Contact Hours: 1 Prerequisite(s): Admission to the College of Business. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>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. <i>Fall, Spring</i></p> <p>BA-MAN</p> <p>GEB 3005 - Career Search Strategy</p> <p>Credit Hours: 1 Class Hours: 1 Lab and Field Work Hours: 0 Contact Hours: 1 Prerequisite(s): GEB 3003. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Provides a basic understanding of the importance of career professionalism in today's competitive business environment. The course focuses on personal branding/marketing and</p>	<p>career search strategies. <i>Fall, Spring</i></p> <p>BA-MAN</p> <p>GEB 3006 - Introduction to Career Development and Financial Plannings</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Sophomore Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>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. <i>Fall, Spring</i></p> <p>BA-MAN</p> <p>GEB 3031 - Integrated Business Foundations</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Completion of ACG2021, ACG2701, ECO2013, ECO2023, ECO3401 (or MAC2233 and STA2023), and CGS2100C with a grade of "C" or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Students learn to apply critical transferable, career-enhancing skills including team work, leadership, conflict resolution, ethics, motivation, negotiation, and written and oral communication. <i>Fall, Spring, Summer</i></p> <p>Department of Integrated Business</p> <p>GEB 3031L - Cornerstone Lab: Professional Skills for Business</p> <p>Credit Hours: 1 Class Hours: 0 Lab and Field Work Hours: 2 Contact Hours: 2 Prerequisite(s): CBA major/minor or</p>
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approved major/minor
 Corequisite(s): GEB 3031.
 Prerequisite(s) or Corequisite(s):
 None.

Students apply concepts and principles introduced in GEB 3031 and related skills essential to academic and professional success.
Fall, Spring

BA-MAN

GEB 3375 - Introduction to International Business

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Junior standing and ACG 2071, ECO 2013 and ECO 2023, each with a "C" (2.0) or better.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Understanding the interdependence of globalized world economy and similarities between domestic and international business domains. *Fall, Spring*

BA-FIN

GEB 3375H - Honors Introduction to International Business

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Junior standing, permission of Honors, ACG 2071, ECO 2013, and ECO 2023, each with a "C" (2.0) or better.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Understanding the interdependence of globalized world economy and similarities between domestic and international business domains. Same as GEB 3375 with honors level content. *Occasional*

BA-FIN

GEB 4004 - Executing Your Career Plan

Credit Hours: 1
 Class Hours: 1
 Lab and Field Work Hours: 0
 Contact Hours: 1
 Prerequisite(s): GEB 4223.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Coaches provide recommendations throughout the career search process, and help implement the career plan developed during the previous three career development courses. *Fall, Spring*

BA-MAN

GEB 4104 - Small Business Development

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Admission to the Integrated Business major.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will learn how to plan, open and manage a small business. Topics include franchising, family businesses, buying a business, and independent contracting. *Fall, Spring*

BA-BA

GEB 4223 - Business Interviewing Techniques

Credit Hours: 1
 Class Hours: 1
 Lab and Field Work Hours: 0
 Contact Hours: 1
 Prerequisite(s): GEB 3005.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

BA-MAN

GEB 4374 - International Negotiations and Transactions

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Finance major, Junior standing and admission to CBA. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Focuses on providing an understanding of the concepts and skills required for international negotiations and transactions. *Occasional*

BA-FIN

GEB 4435 - Moral Foundations of Business

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MAN 3025 or C.I.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Ethical foundations of business and the relationship between markets and morality through a comparative analysis of capitalist and socialist ideals. *Occasional*

BA-MAN

GEB 4451 - Business Climate Analysis

Credit Hours: 3.0
 Class Hours: 3.0
 Lab and Field Work Hours: 0
 Prerequisite(s): Admission to the Integrated Business BSBA major

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. *Fall, Spring, Summer*

Department of Integrated Business

GEB 4513 - Applied Business Technologies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of ACG2021, ACG2701, ECO2013, ECO2023, ECO3401 (or MAC2233 and STA2023), and CGS2100C with a grade of "C" or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Focuses on a firm's ability to recognize, evaluate and integrate technological developments to create value, solve problems, and gain competitive advantages. *Fall, Spring, Summer*

Department of Integrated Business

GEB 4522 - Data Driven Decision Making**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Integrated Business major.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Using public and private data to make informed business decisions. Includes issue identification, feasible solution generation, optimal decision selection, performance tracking, and persuasive writing. *Fall, Spring*

BA-BA

GEB 4934 - Current Topics in Business Administration**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Admission to the College of Business, and C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Guest lectures discussing current topics that impact business in the Central Florida, state, national, and international business environments. *Fall, Spring*

BA-BA

GEB 4941 - Integrated Business Internship**GEO 1200 - Physical Geography****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Basic physical elements of geography, including climate, landforms, soils, natural vegetation, minerals, and their integrated patterns of world distribution. *Fall, Spring*

COS-POLS

GEO 2370 - Resources Geography**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Analysis of basic principles and problems associated with development, use, conservation, and management of natural resources, with special emphasis on the United States. *Fall, Spring*

COS-POLS

GEO 3471 - World Political Geography**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS

2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Analysis of factors which affect power relations among nations, including area, location, political

styles, ethnic divisions, and the politics of energy. *Fall, Spring*

COS-POLS

GEO 3471H - Honors World Political Geography**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 and consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of factors which affect power relations among nations, including area, location, political styles, ethnic divisions, and the politics of energy. With Honors content. *Occasional*

COS-POLS

GER 1120C - Elementary German Language and Civilization I**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Introduces the student to German culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. *Fall, Spring*

CAH-LANG

GER 1120C - Honors Elementary German Language and Civilization I**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 1

Contact Hours: 5

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Introduces the student to German culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. Honors level content. *Occasional*

CAH-LANG

GER 1121C - Elementary German Language and Civilization II

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): GER 1120C or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of GER 1120C. *Fall, Spring*

CAH-LANG

GER 1121C - Honors Elementary German Language and Civilization II

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 1
Contact Hours: 5
Prerequisite(s): GER 1120C or equivalent and permission of Honors. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of GER 1120C, with honors-level content. *Occasional*

CAH-LANG

GER 2200 - Intermediate German Language and Civilization I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): GER 1121C or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Development of language skills and cultural knowledge at the

intermediate level. *Fall, Spring*

CAH-LANG

GER 2201 - Intermediate German Language and Civilization II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): GER 2200 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of GER 2200 with emphasis on German civilization. *Spring*

CAH-LANG

GER 3102 - Germany - Past to Present

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): GER 3760 or GER 3420 or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-LANG

GER 3420 - Intensive German Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): GER 2201 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Development of skills in composition. *Occasional*

CAH-LANG

GER 3760 - Advanced German Oral Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): GER 2201 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues. *Even Fall*

CAH-LANG

GER 4510 - Life and Culture in Nazi Germany

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Confrontation with the development of national socialist ideas and their realization in everyday life and culture. Given in German. *Occasional*

CAH-LANG

GER 4520 - Modern Germany

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Given in German. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the history of postwar Germany from the two Germanies to unification and today's Germany. *Occasional*

CAH-LANG

GEW 3480 - German Post-War Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): GER 2201.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course examines the works of German, Austrian and Swiss writers after World War II. *Occasional*

CAH-LANG

GEY 3001 - Gerontology: An Interdisciplinary Overview

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Study of aging from an interdisciplinary perspective that bridges social and behavioral sciences, nursing, social work, allied health, and natural sciences. May be repeated for credit. *Fall*

HPA-SOWK

GIS 3043C - GIS for Environmental Studies

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): CGS 1060C and BSC 2010C, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Geographic Information Systems (GIS) technology for environmental analysis. GIS theory with training using ArcGIS, including environmental analysis and facility siting studies. *Odd Fall*

UGST-INTERDISC

GIS 4301C - Advanced GIS Applications in Environmental Studies

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 2
Contact Hours: 4
Prerequisite(s): GIS 3043C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

UGST-INTERDISC

GLY 1030 - Geology and its Applications

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

COS-CHEM

GLY 2038 - Environmental Geoscience

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Environmental issues affecting Earth's crust, including earthquakes, volcanoes, major storms, water-supply problems, resource depletion, waste disposal, land-use planning,

flooding, sea-level rise, coastal erosion, and climate change. *Fall*

COS-PHYS

GLY 4730 - Marine Geology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Junior Standing, or CI

Examination of the physical processes operating in the world ocean; marine tectonics; ocean history; marine sediments; ocean circulation; marine energy; sea-level change; marine research methods. *Odd Fall*

GLY 4734 - Coastal Processes

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Junior standing or CI

Physical processes operating along modern seacoasts; erosion and deposition; shoreline evolution and development; sea-level and climate change effects on shorelines; coastal morphodynamics; coastal sediment transport. *Even Spring*

GRA 2101C - Honors Introduction to Computer Art

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2823 and Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The principles underlying the generation and display of graphical pictures by computer. Topics include graphical software packages and graphics systems. With Honors content. *Occasional* M&S fee \$15.00

CAH-SVAD

GRA 2101C - Introduction to Computer Art

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2823 or C.I.
Priority given to students whose major requires this course.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The principles underlying the generation and display of graphical pictures by computer. Topics include graphical software packages and graphics systems. *Fall, Spring*

CAH-SVAD

GRA 2151C - Illustration

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C and ART 2300C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Pictorial and representational illustration using various media and techniques. *Fall, Spring* \$38

CAH-SVAD

GRA 3102C - Intermediate Graphic Design I

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): Acceptance in Graphic Design Specialization or C.I. Corequisite(s): GRA 3950.
Prerequisite(s) or Corequisite(s): None.

Techniques and methods for studio projects used in the graphic design industry. *Fall* M&S fee \$45.00

CAH-SVAD

GRA 3112C - Intermediate Graphic Design II

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): GRA 3102C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Further development of studio techniques and problems in graphic design with emphasis on digital prepress. *Spring* M&S fee \$43.00

CAH-SVAD

GRA 3202C - Type & Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of type, calligraphy and letter forms and their appropriate use as subject matter for graphic design and publication. *Fall, Odd Spring* M&S fee \$15.00

CAH-SVAD

GRA 3747C - Intermediate Illustration I

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2301C, and successful portfolio review. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques, production processes, media and materials used to create illustration for works utilizing sequential visual narrative. *Fall* M&S fee \$45.00

CAH-SVAD

GRA 3803C - Intermediate Computer Graphic Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): GRA 3102C or declared Web Design Track, ART 2201C, ART 2300C, and DIG 3716C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Graphic design techniques and methods relating to web design and development. *Fall, Spring*

CAH-SVAD

GRA 3950 - Graphic Design Portfolio Application

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, GRA 2101C, ARH 2050, ARH 2051. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Portfolio application for students entering the SVAD Graphic Design program. *Spring* Graded S/U.

CAH-SVAD

GRA 4154C - Advanced Illustration

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, and a satisfactory portfolio review or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Advanced techniques in the utilization of digital platforms to emulate traditional media. May be used in the degree program a maximum of 3 times. *Spring* M&S fee \$45.00

CAH-SVAD

GRA 4196C - Advanced Graphic Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): GRA 3112C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Practical studio problems, with emphasis on organization of visual design elements. *Fall* M&S fee \$43.00

CAH-SVAD

GRA 4197C - Special Problems in Graphic Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): GRA 4196C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Capstone course in Graphic Design emphasizing the development of a professional portfolio. May be used in the degree program a maximum of 2 times. *Spring* M&S fee \$45.00

CAH-SVAD

GRA 4802C - Advanced Computer Graphic Design

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): GRA 3102C and GRA 3803C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Graphic design techniques and methods related to motion graphics. *Odd Fall, Spring* M&S fee \$15.00

CAH-SVAD

HAI 1100C - Elementary Haitian Creole & Culture I

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): None Corequisite(s): None Prerequisite(s) or Corequisite(s): None

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. *Fall*

Department of Modern Languages and Literatures

HAI 1101C - Elementary Haitian Creole & Culture II

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): HAI 1120C (Elem Haitian Creole & Cult I) or equivalent Corequisite(s): None
Prerequisite(s) or Corequisite(s): See above

Further introduce students to the major language skills: speaking, listening, reading and writing. Focuses on helping students experience the Haitian culture. *Spring*

Department of Modern Languages and Literatures

HAT 3504 - Creole Women Writers in Translation

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or C.I.

Overview of Creole Caribbean women's writing from the early nineteenth century to the present day. *Occasional*

Department of Modern Languages and Literatures

HBR 1120 - Modern Israeli Hebrew I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): none Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Teaches basic language skills; listening, speaking, reading and writing with an emphasis on the practical knowledge of Hebrew as used in modern Israel. *Fall*

CAH-JUD

HBR 1121 - Modern Israeli Hebrew II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HBR 1120 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Spring*

CAH-JUD

HBR 2200 - Intermediate Modern Israeli Hebrew I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HBR 1121 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall*

CAH-JUD

HBR 2201 - Intermediate Modern Israeli Hebrew II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HBR 2200.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Further development of modern Hebrew language skills in listening, speaking, reading, and writing as used in modern Israel. *Spring*

CAH-JUD

HBR 3250 - Biblical Hebrew**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HBR 1121 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Grammatical and syntactical structure of Biblical Hebrew. *Occasional*

CAH-JUD

HBR 3410 - Conversational Israeli Hebrew**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HBR 1120, HBR 1121 or equivalent, C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study and practice of contemporary conversational Israeli Hebrew. *Occasional*

CAH-JUD

HCW 3024 - Haitian Literature and Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Literature and culture of Haiti from

as early as the nineteenth century to today. *Occasional*

Department of Modern Languages and Literatures

HFT 1000 - Introduction to the Hospitality and Tourism Industry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

An orientation to the hotel, restaurant, and travel industry, and its history, structure, and operating procedures. *Fall, Spring*

RCHM-HSP SERV

HFT 2071 - Introduction to the Entertainment Industry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

The course provides students with core knowledge about the diverse and dynamic entertainment industry. *Fall, Spring*

RCHM-TEA

HFT 2220 - Hospitality Human Resources Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Application of strategic principles of human resources to the hospitality tourism setting. *Fall, Spring*

RCHM-HSP SERV

HFT 2254 - Lodging Operations**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic principles of operating a lodging facility including accounting, housekeeping, engineering, front desk, and guest services. *Fall, Spring*

RCHM-FOOD&LODG

HFT 2401 - Hospitality Industry Financial Accounting**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013 or ECO 2023, and MAC 1105C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic understanding of financial accounting and specifically hospitality industry accounting concepts and procedures used in hotels, restaurants and clubs. *Fall, Spring*

RCHM-HSP SERV

HFT 2434 - Introduction to Professional Tennis Management**Credit Hours: 3**

Prerequisite(s): n/a

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) *Occasional*

Department of Tourism Event and Attractions

HFT 2500 - Hospitality and Tourism Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The application of marketing concepts to the Hospitality and Tourism Industry. Special emphasis on marketing planning and strategic marketing. *Fall, Spring*

RCHM-HSP SERV

HFT 2563 - Digital Marketing in Entertainment**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2071.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course examines the marketing cycle and process, technology's influence on entertainment marketing, and the highly time-sensitive nature of the entertainment marketplace. *Fall, Spring*

RCHM-TEA

HFT 2750 - The Event Industry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of meetings, conventions, special events and exhibitions including the roles of organizations and people involved in the businesses that comprise this industry. *Fall, Spring*

RCHM-TEA

HFT 2843 - Sanitation in the Food Service Industry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Causes and prevention of food spoilage and food borne illnesses. Includes National Restaurant Association (NRA) certification. *Fall, Spring*

RCHM-FOOD&LODG

HFT 3005 - Introduction to Hospitality and Senior Living Industries**Credit Hours: 3**

Class Hours: 3

Prerequisite(s): None Corequisite(s): None

An orientation to the hospitality and senior living industries and their history, structure operating procedures, growth and future direction. *Spring Fall*

Department of Hospitality Services

HFT 3014 - Wellness Management in Hospitality and Tourism**Credit Hours: 3**

Class Hours: 3 per week and 45 per semester

Lab and Field Work Hours: NA

Contact Hours: 45

Prerequisite(s): HFT 1000

Corequisite(s): NA Prerequisite(s) or Corequisite(s): NA

Insights into management and consumption of wellness practices in food service, hospitality and tourism businesses 2 *Fall, Spring, Summer*

Department of Foodservices and Lodging Management

HFT 3224 - Hospitality Management & Leadership Fundamentals**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of hospitality and tourism industry management and leadership; covers foundational concepts of service industry management and leadership. *Fall, Spring*

RCHM-HSP SERV

HFT 3263 - Restaurant Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000, FSS

2221C, and junior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Discussion of the topics integral for the successful management of restaurant and food service organizations. *Fall, Spring*

RCHM-FOOD&LODG

HFT 3273 - Principles of Resort Timesharing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of resort timeshare operations and ownership. *Fall, Spring*

RCHM-FOOD&LODG

HFT 3323 - Hospitality Physical Plant Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Analysis of operational problems related to the physical plant and structure of enterprises in the hospitality industry. *Spring*

RCHM-HSP SERV

HFT 3353 - Golf Planning & Operations I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Customer relations concepts, an effective golf instruction program, and characteristics of effective merchandising & inventory procedures. *Occasional*

RCHM-TEA

HFT 3354 - Agronomy for Golf Course Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 3353.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Primary roles and responsibilities of the golf course superintendent. *Occasional*

RCHM-TEA

HFT 3357 - Sport and Club Event Operations

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): n/a Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course will inspect and develop multiple forms of planning and organizing sport and club events of

all types. *Occasional*

Department of Tourism Event and Attractions

HFT 3373 - Event Design, Production & Technology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000, HFT 2750, and HFT 3670, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Aspects of event production, including art, design and staging. How technology is used in the event industry to increase effectiveness and productivity. *Fall, Spring*

RCHM-TEA

HFT 3375 - Entertainment Business

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2071 and HFT 2401. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The course examines business models in the various subsectors of the entertainment industry with a focus on financial, marketing, human resources, and value proposition. *Fall, Spring*

RCHM-TEA

HFT 3384 - Sport and Club Enterprise Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comprehensive examination of sport and club management industry, its related national and international

associations, and career path opportunities. *Occasional*

Department of Tourism Event and Attractions

HFT 3395 - Entertainment Technology and Innovation

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2071 and HFT 2563. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The course surveys the past, present, and future of the entertainment industry and the myriad of technological and social innovation forces transforming the industry. *Fall, Spring*

RCHM-TEA

HFT 3431 - Hospitality industry Managerial Accounting

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ECO 2013 or ECO 2023, and MAC 1105C and HFT 2401. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Presentation, interpretation, and analysis of internal and external hospitality industry financial reports affecting management decisions using hospitality industry systems of accounting. *Fall, Spring*

RCHM-HSP SERV

HFT 3443 - Event Technology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Use of technology in the event industry to solidify processes and help people be more productive. Covers types of technology for different event processes. *Fall, Spring*

RCHM-TEA

HFT 3444 - Hospitality Information Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013 or ECO 2023, and CGS 2100C, MAC 1105C, HFT 2254. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Focuses on management functions and practices, information systems and technology in hospitality. Higher tech for higher touch building on computer literacy and operation knowledge. *Fall, Spring*

RCHM-HSP SERV

HFT 3447 - Database Management and Internet Security for Hospitality Organizations

Credit Hours: 3

Prerequisite(s): HFT 2254

This course focuses on the applications of database management as well as an introduction to internet security issues in the hospitality industry. *Even Fall*

Department of Hospitality Services

HFT 3463 - Revenue Strategies in the Entertainment Industry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2401 and HFT 2071. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course teaches principles and

skills for fundraising, sales, sponsorships, and relationship management to maximize revenue opportunities in different sectors of the entertainment industry. *Fall, Spring*

RCHM-TEA

HFT 3505 - Social Media Management in the Hospitality Industry

Credit Hours: 3

Prerequisite(s): HFT 2254

Understanding the fundamentals and best practices in hospitality social media management and marketing. *Spring*

Department of Hospitality Services

HFT 3512 - Event Promotion

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2750, and HFT 2500;. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Promotion of events to sponsors, attendees, exhibitors and other participants. *Fall, Spring*

RCHM-TEA

HFT 3519 - Event Services

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2750 and HFT 2254. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The acquisition and management of services integral to the success of events. The supply side of the event industry. *Fall, Spring* M&S fee \$32.00

RCHM-TEA

HFT 3523 - Event Sales

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2500 and HFT 3519, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In-depth look at the sales process for events, including the development of requests for proposals, negotiation skills and sales strategies. *Fall, Spring*

RCHM-TEA

HFT 3540 - Guest Services Management I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 2013 or ECO 2023, and MAC 1105C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The study of making decisions from the guest's point of view in the hospitality industry. *Fall, Spring*

RCHM-HSP SERV

HFT 3564 - Digital Marketing for Hospitality Organizations

Credit Hours: 3

Prerequisite(s): HFT 2254

Examining digital marketing essentials in hospitality organizations. Different digital marketing tools such as email, mobile, and search engines are discussed. *Fall*

Department of Hospitality Services

HFT 3593 - Consumer Behavior in Entertainment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2071, HFT 2563. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The course explores entertainment consumption, influenced by personal, psychological, social, and cultural factors within the context of macro-environmental factors and marketing practices. *Fall, Spring*

RCHM-TEA

HFT 3603 - Legal Environment in the Hospitality and Tourism Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of law as related to the Hospitality/Tourism Industry. *Fall, Spring*

RCHM-HSP SERV

HFT 3654 - Hospitality Franchising

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2254 or HFT 3263, HFT 2500, HFT 3431 and Junior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Addresses the legal requirements for franchising, contract rates, responsibilities, size, structure, and history. *Spring*

RCHM-FOOD&LODG

HFT 3670 - Hospitality and Event Risk Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): HFT 2500 and HFT 2750. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Risk, crisis, and liability issues that may arise in the planning and management of special events, meetings, conventions, and exhibitions. *Fall, Spring*

RCHM-TEA

HFT 3700 - Tourism Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000 and junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-TEA

HFT 3741 - Meeting Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The process of meeting planning, from setting objectives to analyzing the success of the event. *Fall, Spring*

RCHM-TEA

HFT 3770 - Cruise Line Operations and Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000 and junior standing or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Understanding of cruise company operations and management. Shipboard organization and delivery of the cruise product to the guest. *Occasional*

RCHM-TEA

HFT 3785 - Management of Gaming Enterprises

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior level standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

an in-depth study of gaming-based organizations including cruise ships, Indian reservation casinos, and others. The history and development of gaming organizations, the economics, social, and cultural impact of gaming and managerial challenges and opportunities in the industry. *Occasional*

RCHM-TEA

HFT 3795 - Leading in the Entertainment Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2071.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course challenges students to develop a personal leadership framework that can function successfully in the entertainment industry. *Fall, Spring*

RCHM-TEA

HFT 3798 - Fairs and Festivals

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): HFT 2750.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Evolution of modern day fairs and
festivals. *Fall, Spring*

RCHM-TEA

**HFT 3811 - Beverage Sales,
Marketing, and Distribution**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000 and HFT
2500. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

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. *Spring*

RCHM-FOOD&LODG

**HFT 3813 - Marketing Analysis in
the Food Ind**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2500 and HFT
3263. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Applies marketing concepts and
analytic tools to develop strategies
for "real-life" marketing challenges
in the food industry. *Occasional*

RCHM-FOOD&LODG

**HFT 3868 - History and Culture of
Wine**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Minimum age of 21
and a History course or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

The role that wine has played in the
history, culture, and religion of
diverse civilizations. *Occasional*
M&S fee \$70.00

RCHM-FOOD&LODG

**HFT 3933 - Distinguished Lectures
in Hospitality Management**

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): HFT 1000, Junior
standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

First hand introduction to hospitality
leaders, their perspectives on the
segments they represent, and the
breadth of those segments. *Fall,
Spring* Graded S/U.

RCHM-RCHM

HFT 3940 - Internship I

HFT 3949 - Cooperative Education

Credit Hours: 0-5

Class Hours: 0

Lab and Field Work Hours: 1-5

Contact Hours: 1-5

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Provides paid, preprofessional work
experience related to the students'
major while they continue to attend
school. Requires achievement of
major-related learning objectives.
Fall, Spring Graded S/U.

RCHM-RCHM

**HFT 4065 - Fine Spirits
Management**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000 and at
least 21 years of age. Corequisite(s):

None. Prerequisite(s) or
Corequisite(s): None.

This course is designed to familiarize
the student with the production,
aroma/taste profiles, branding,
advertising, sales, distribution, laws,
regulations, and responsible practices
of distilled spirits. *Occasional* M&S
fee \$45.00

RCHM-FOOD&LODG

**HFT 4206C - Hospitality
Operations**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Junior Standing or
C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

An integration of lodging and food
service operations providing students
with a comprehensive knowledge of
these related content areas; food
service lab component. *Occasional*

RCHM-FOOD&LODG

**HFT 4253 - Advanced Lodging
Operations**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2254, HFT
2500, HFT 3431, HFT 3603 and
Junior Standing. Corequisite(s):

None. Prerequisite(s) or
Corequisite(s): None.

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. *Spring*

RCHM-FOOD&LODG

**HFT 4255 - Advanced Hotel
Development**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 4464, HFT 4473, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Hotel investment practices, risk management and other investment decision factors. *Occasional*

RCHM-FOOD&LODG

HFT 4266 - Hospitality Brand Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3263 or HFT 2254, and HFT 2500 and Junior standing or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Exploration of the principles of brand management for restaurants and foodservice, hotels, timeshares and shared ownership properties. *Fall, Spring*

RCHM-FOOD&LODG

HFT 4268 - Restaurant Entrepreneurship**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3263 and junior standing or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Application of case study methodology to the topic of entrepreneurship as it relates to small and medium-sized restaurant and foodservice businesses. *Occasional*

RCHM-FOOD&LODG

HFT 4272 - Leadership and Strategic Management in**Hospitality and Senior Living Industry****Credit Hours: 3**

Class Hours: 3

Prerequisite(s): HSA 3170 and senior standing Corequisite(s): None

Prerequisite(s) or Corequisite(s): None

Principles of leadership and strategic management in hospitality and senior living organizations; lecture, discussion, case analysis, scenario analysis, self-assessment, papers, and presentations. *Spring*

Department of Hospitality Services

HFT 4274 - Resort Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000, HFT 2254, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Comprehensive analysis of applied theories, principles, and techniques in the management of hotels and shared ownership/timeshare properties. *Spring*

RCHM-FOOD&LODG

HFT 4275 - Development of Vacation Ownership Resorts**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3273 and Junior standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Comprehensive analysis of applied theories, principles, and techniques used in the planning and development of vacation resorts. *Occasional*

RCHM-FOOD&LODG

HFT 4277 - Club Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000 and junior standing or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

A study of the history, development, operation and management of Clubs. Emphasis will be placed on operational aspects. *Occasional*

RCHM-TEA

HFT 4281 - Restaurant Leadership & Strat Mgt**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3263 and Junior standing. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Principles of strategic decision making in food related businesses *Occasional*

RCHM-FOOD&LODG

HFT 4286 - Hospitality Communications**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000; HFT 2220; HFT 3444; HFT 3540 and Junior standing. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-HSP SERV

HFT 4295 - Leadership and Strategic Management in Hospitality Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Senior standing
Corequisite(s): None. Prerequisite(s) or Corequisite(s): HFT 4464.

Principles of strategic decision making in various hospitality and tourism organizations; lectures, class discussions, and group case analysis presentations. *Fall, Spring*

RCHM-HSP SERV

HFT 4343 - Hospitality Facilities Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000, HFT 2254 and Junior standing; or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-HSP SERV

HFT 4358 - Golf & Club Facility Design

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4277.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Golf course and golf facility design from a functional perspective and from a perspective of form.
Occasional

RCHM-TEA

HFT 4371 - Events and Attractions Across Cultures

Credit Hours: 3

Prerequisite(s): HFY 2071:
Introduction to the Entertainment Industry
OR

HFT 2750 The Event Industry

This course examines various types of events and attractions in the international setting. Students will observe and interact with these experiences on-site. *Summer*

Department of Tourism Event and Attractions

HFT 4372 - Entertainment Across Cultures

Credit Hours: 3

Prerequisite(s): HFT 2071:
Introduction to the Entertainment Industry
OR

HFT 2750: The Event Industry

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. *Summer*

Department of Tourism Event and Attractions

HFT 4375 - Advanced Trade Show Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4754 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Trade show installation, floor management and dismantling/shipping. Pre-event logistics and on-site management of critical success factors. *Occasional*

RCHM-TEA

HFT 4377 - Entertainment Production Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 3375, HFT 3463, HFT 3795, HFT 4623.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course examines the knowledge and skills necessary to design and execute a production plan, including development of concept, visual storytelling, budgeting, and scheduling. *Fall, Spring*

RCHM-TEA

HFT 4378 - Entertainment Portfolio Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2071, HFT 2563, HFT 3375, HFT 3395, HFT 3463, HFT 3593, HFT 3795, HFT 4377, HFT 4469, HFT 4623, and HFT 4626. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course covers management of diverse entertainment portfolios from different entertainment industry sectors, including talent, agents, personal/business managers, unions, publicist, lawyers, and venues. *Fall, Spring*

RCHM-TEA

HFT 4394 - Event Operations

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Senior standing
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning and implementing a live event. *Fall, Spring* M&S fee \$64.00

RCHM-TEA

HFT 4398 - Entertainment Entrepreneurship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3375.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course focuses on the risk assessment, development, and management of entrepreneurial ventures in the entertainment industry. *Fall, Spring*

RCHM-TEA

HFT 4413 - Technology Applications for Hospitality Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT

3444 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Hospitality Information Systems. Provides students with fundamental information system concepts and techniques for effective applications to strategic thinking in hospitality organizations. *Odd Spring*

RCHM-HSP SERV

HFT 4432 - Hospitality Industry Auditing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT

3431 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Hospitality Industry Managerial

Accounting. Provides basic fundamentals of eliminating fraud and saving money through proper internal controls in the hospitality industry. *Occasional*

RCHM-HSP SERV

HFT 4457 - Optimizing Profits in Food Ops

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3263, HFT 3431, and Junior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides students realistic and contextually rich situations for understanding the cost elements and profit contributors in food operations. *Occasional*

RCHM-HSP SERV

HFT 4464 - Hospitality Industry Finance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2401.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Working knowledge of finance concepts and theories applicable to the Hospitality Industry including evaluating management contracts, franchising, and leasing. *Fall, Spring*

RCHM-HSP SERV

HFT 4468 - Revenue Management in the Hospitality Industry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2401, HFT

2254, HFT 2500, and HFT 3263.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-HSP SERV

HFT 4469 - Financial Performance in Entertainment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3463 and HFT 3375. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The course provides a working knowledge of finance concepts and theories applicable to the entertainment industry including financial transactions, capital budgeting, and financial simulations. *Fall, Spring*

RCHM-TEA

HFT 4473 - Hospitality and Tourism Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2254 or HFT 3263, HFT 2500, HFT 2401, and Junior standing. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Spring*

RCHM-FOOD&LODG

HFT 4522 - Resort Sales Tactics and Strategies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 1000, HFT 2254, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Sales tactics and business-to-business strategies employed in the sales and marketing of resort hotels, timeshares, and shared ownership properties.

RCHM-FOOD&LODG

HFT 4542 - Strategic Event Design**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: HFT 3519, HFT 3512, HFT 4802, HFT 3670

The course focuses on the event planning process beginning with a needs assessment and ending with event evaluation. *Fall, Spring, Summer*

HFT 4561 - Destination Marketing & Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3700.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

RCHM-TEA

HFT 4573 - Tourist Behavior**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: HFT 3700
Tourism Management

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 *Fall, Spring*

HFT 4614 - Risk Management in Theme Parks and Attractions**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 4755 and HFT 3603; or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Examines principles and issues related to the nature and mitigation of risks at theme parks and attractions. Covers all theme park operating departments.

RCHM-TEA

HFT 4623 - Entertainment Law and Ethics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2071.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course focuses on the main legal and ethical issues affecting the entertainment industry.

RCHM-TEA

HFT 4626 - Public Policy Issues in the Entertainment Industry**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 2071 and HFT 4623. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The course examines the degree to

which entertainment businesses are intertwined with government regulations and interventions. (3 credits) *Fall, Spring*

RCHM-TEA

HFT 4715 - Tourism Policy, Development & Sustainability**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3700

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

RCHM-RCHM

HFT 4732 - Tourism Impact Analysis**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3700.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Quantitative impact analysis of tourism as an industry in the regional/national economy along the tourism satellite accounts concept.

RCHM-TEA

HFT 4735 - Tourism Geography**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HFT 3700 and junior standing or C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

A seminar discussing the main geographical tourism destinations in U.S. and the World.

RCHM-TEA

HFT 4736 - Destination Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 3700.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and issues related to destination management; strategies and processes involving design, operations, distribution, networking and impact of tourism at the destination.

RCHM-TEA

HFT 4751 - Managing the Employee Experience in the Theme Park and Attraction Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4755 and junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Managing staffing needs, supervision, communication, legal compliance, and retention in the theme parks and attraction industry.

RCHM-TEA

HFT 4752 - Managing the Guest Experience in the Theme Park and Attraction Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4755.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The management of guest needs and expectations in theme parks and attractions

RCHM-TEA

HFT 4754 - Exhibit and Trade Show Operations

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides an in-depth study of exhibit and trade show operations. Focuses on both supply and demand pertaining to exhibits and trade shows.

RCHM-TEA

HFT 4755 - Theme Park and Attraction Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000 and junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth study of the theme park and attraction industry, focusing on resources, ride operations, merchandising, food services, and architectural design

RCHM-TEA

HFT 4757 - Event Tourism Strategies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): All courses in the Event Management core.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-TEA

HFT 4758 - Operational Issues in the Theme Park and Attraction Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4755.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Organizational structure and operational culture of theme parks and attractions

RCHM-TEA

HFT 4759 - Product Development in Theme Parks and Attractions

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 4755 and junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The strategic management process associated with product development in the theme parks and attraction industry.

RCHM-TEA

HFT 4762 - Current Practices in the Airline Industry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the U.S. and International airline industry. Emphasis on the organization and management functions of the airlines.

RCHM-TEA

HFT 4795 - Entertainment Arts and Events

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

RCHM-TEA

HFT 4796 - International Events

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

RCHM-TEA

HFT 4802 - Catering Sales Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 2750, HFT 3523, HFT 3670, and FSS 2284C, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. M&S fee \$45.00

RCHM-TEA

HFT 4856 - Event Food and Beverage Strategies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 3523 and HFT 3431 or CI.

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. *Fall, Spring*

RCHM-TEA

HFT 4861 - Beverage Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000 and junior standing. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The origin production, storing, marketing, and control of beverages in the hospitality industry.

RCHM-FOOD&LODG

HFT 4864 - Seminar in Quality Brewing and Fine Beer

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HFT 1000, minimum age of 21 by first day of class.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The production and service of malt beverages. M&S fee \$45.00

RCHM-FOOD&LODG

HFT 4865 - Advanced Wine Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Minimum age of 21, HFT 3868 or HFT 4866C, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of viticulture, enology and wine regions of the world. M&S fee \$70.00

RCHM-FOOD&LODG

HFT 4866C - Exploring Wines of the World

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): HFT 1000, minimum age of 21 by first day of class, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Using senses to evaluate wines, methodology of tasting and evaluating wines, growing, processing, and production of grape varieties used in making wine. M&S fee \$70.00

RCHM-FOOD&LODG

HFT 4894 - International Gastronomy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): FSS 2221C, HFT 1000, and C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A world view of culture and cuisine that includes an international travel component. May be used in the degree program a maximum of 2 times.

RCHM-FOOD&LODG

HFT 4941 - Internship II**HFT 4944 - Internship III****HFT 4949 - Cooperative Education****Credit Hours: 0-5**

Class Hours: 0

Lab and Field Work Hours: 1-5

Contact Hours: 1-5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides paid, preprofessional work experience related to the students' major while they continue to attend school. Requires achievement of major-related learning objectives. Graded S/U.

RCHM-RCHM

HIM 3006 - Foundations of Health Information Management (HIM)**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

HPA-HMI

HIM 3116C - Health Record Organization and Management**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): HIM 3006 and acceptance into the upper-division limited access HIIM program; or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Nomenclatures/classification systems; health record

documentation; master patient index; licensure, accreditation and compliance; vendor contracts; medical staff organization; registries; healthcare policy.

Department of Health Management and Informatics

HIM 3806C - Professional Practice Experience I**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): Admission to HIIM program. Corequisite(s): HIM 3006 and HSC 3537. Prerequisite(s) or Corequisite(s): None.

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.

HPA-HMI

HIM 4226C - ICD Diagnosis Coding**Credit Hours: 5**

Class Hours: 3

Lab and Field Work Hours: 4

Contact Hours: 7

Prerequisite(s): HSC 3537 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and mechanics of diagnosis coding for inpatient health information retrieval; ICD-10-CM; clinical documentation improvement; DRGs; encoders. *Fall, Spring*

HPA-HMI

HIM 4256C - Outpatient Procedural Coding and Reimbursement**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): HSC 3537 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and mechanics of coding systems for outpatient health information retrieval; CPT/HCPCS; APCs; encoders. *Fall*

HPA-HMI

HIM 4344C - Health Information Department Management**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): HIM 3116C or HIM 4624MAN 3025 - Management of Organizations; or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Personnel administration; work distribution and simplification; project and database design; software selection; ergonomics and space planning. *Spring*

Department of Health Management and Informatics

HIM 4508C - Quality Management**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): HSC 3537 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles and mechanics of quality improvement; application of quality management tools; benchmarking methods and data quality monitoring programs. *Fall, Spring, Summer*

Department of Health Management and Informatics

HIM 4624 - Health Data Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Acceptance into

HIIM program or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Health care statistics, data analytics and data usage specific to health informatics and information management will be explored in depth.

HPA-HMI

HIM 4656C - Health Information Management Systems

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HIM 3006.

Creation and improvement of health related information systems; health record data management; systems design and analysis; project management concepts. *Fall, Spring*

Department of Health Management and Informatics

HIM 4676 - Professional Development and Issues in Health Information Management

Credit Hours: 3

Prerequisite(s): HIM 4344C

Problem-solving techniques; professional ethics; credential preparation. *Spring*

Department of Health Management and Informatics

HIM 4726 - ICD Procedure Coding

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3733C - Human Anatomy and HSC 3537 - Medical Terminology Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

HPA-HMI

HIM 4816C - Professional Practice Experience II

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): HIM 3806C and Corequisite(s): HIM 4226C, HIM 4256C, and HIM 4344CHIM 4508C - Quality Management.

Prerequisite(s) or Corequisite(s): None.

Health records and data content; coding and clinical documentation improvement; revenue cycle management; compliance; privacy and confidentiality; human resources. *Fall, Spring*

Department of Health Management and Informatics

HIM 4838 - Management Affiliation

Credit Hours: 5

Class Hours: 0

Lab and Field Work Hours: 15

Contact Hours: 15

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HIM 4676 and HIM 4816C.

Assignment to a selected health care facility serving in an administrative capacity under the direction of a Registered Health Information Administrator; lab exercises; comprehensive exam.

HPA-HMI

HIM 4998 - Internship Orientation

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): HIM 4816C.

Corequisite(s): HIM 4816C.

Prerequisite(s) or Corequisite(s): HIM 4816C.

An orientation course designed to ensure students fully prepare for, identify and secure an ideal HIIM internship. *Fall, Spring, Summer*

Department of Health Management and Informatics

HIS 3081 - History Museums & Digital Spaces

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces students to the principles, theories and methods related to curating historical objects, content and photos in a modern media environment.

CAH-HIST

HIS 3090 - Introduction to Historic Preservation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: AMH 2010/AMH 2020 sequence, and EUH 2000/EUH 2001 or WOH 2012/WOH 2022 sequence or C.I.

Introduces students to historic preservation practice and theory using domestic and international examples. *Odd Fall*

HIS 3462 - History of Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

Examines past and present science, scientific thought, and the relationship between science and society.

CAH-HIST

HIS 3600 - Professionalizing History Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 and AMH 2020, or EUH 2000 and EUH 2001, or WOH 2012 and WOH 2022 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

To enhance the role of History professionals in civic life and careers.

CAH-HIST

HIS 3930H - ST: Honors The City as Text

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of theory and history of urban spaces, focusing on Orlando and Central Florida. With Honors content.

CAH-HIST

HIS 3949 - Cooperative Education in History

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Departmental permission required before registering. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Cooperative education experience in history. May be repeated for credit. Graded S/U.

CAH-HIST

HIS 4065 - Public History: Principles & Techniques

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2020 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Practice of public history including historic preservation, museum studies, archival management, oral history, digital history, historical editing, and conservation science.

CAH-HIST

HIS 4070 - Oral History

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either AMH 2010, AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories and practices of oral history. Field work required.

CAH-HIST

HIS 4150 - History and Historians

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of European and/or American historiography. May be used in the degree program a maximum of 2 times.

CAH-HIST

HIS 4166 - Spatial Histories, Digital Storytelling

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I.

An approach to the human past which investigates and represents the places and spaces in which events occurred, using common spatial storytelling tools. *Spring*

HIS 4323 - History of the Future

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EUH 2000 and EUH 2001. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Past visions of the future and how they were influenced by issues relevant to the period. Emphasis on 19th and 20th centuries.

CAH-HIST

HIS 4490 - History of Medicine

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 or AMH 2020. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The history of medicine and its relationship to culture and society from the Ancient World to the present.

CAH-HIST

HIS 4944 - Internship in Public History

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The Public History Internship is a one-semester course in which undergraduate history majors explore and gain experience in public history professions.

CAH-HIST

HIS 4959 - History Portfolio

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): "C" or better in HIS 4150 and Senior standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In the term they are graduating, History B.A. students revise their portfolio and submit for approval.

CAH-HIST

HIS 4970H - Honors Undergraduate Thesis

Credit Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Graded S/U or Letter grade.

CAH-HIST

HLP 2701 - Peer Education Training

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Strategies for teaching life skills and health education information for secondary students and college age peers

ED-CFCS

HSA 2117 - Civic Engagement in the US Healthcare System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: None

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. *Fall, Spring, Summer*

HSA 2932 - Civic Engagement in the US Healthcare System

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: None

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.

HSA 3012 - Issues & Trends in Public Health

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and (CGS 1060C or CGS 2100C).

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The American public health system, looking at the historical, present day, and future organization and management of all its components. *Occasional*

HPA-HMI

HSA 3104 - Health Services Administration Cornerstone

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (CGS 1060C or CGS 2100C) and Junior Standing, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Heighten the overall student awareness about the Health Services Administration Field, provide a foundation or framework to guide students through the major.

HPA-HMI

HSA 3111 - U.S. Health Care Systems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (CGS 1060C or CGS 2100C) and Sophomore Standing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the economics, social, and political aspects of the health care system in the United States.

HPA-HP

HSA 3170 - Health Care Finance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HSA majors

Corequisite(s): None. Prerequisite(s) or Corequisite(s): HSA 3111 and PR: ACG 2021 and ACG 2071; non-HSA majors: ACG 2021 and ACG 2071.

Budgeting and resource allocation related to health care agencies.

HPA-HMI

HSA 3222 - Long Term Care and Administration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): HSA major and Sophomore standing, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

HPA-HMI

HSA 3423 - Health Law

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA or HIIM major, and HIM 3006, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles of law as applied to the health field, with special reference to health practices and information management.

HPA-HMI

HSA 3430 - Health Care Economics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111; ECO 2023; or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

HPA-HMI

HSA 4003 - The Patient Experience from an Administrator's Perspective

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ENC 1102

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. *Fall, Spring, Summer*

HSA 4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Course will introduce the contractual, financial, and practice pattern components of managed care. *Fall, Spring*

HPA-HMI

HSA 4180 - Organization & Management for Health Agencies I

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111 or admitted to HIIM program.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Management of health care organizations, strategic planning, healthcare economics, and healthcare financial management. *Fall, Spring*

HPA-HMI

HSA 4184 - Organization & Management for Health Agencies II

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): HSA 3111 and HSA 4180, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Management of health care organizations including hospitals, long term care facilities, and medical group practices. *Fall, Spring*

HPA-HMI

HSA 4191 - Fundamentals of Health Information Technology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111; CGS 2100C, or CGS 1060C; or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The origin, evolution and application of health information technology in today's healthcare industry.

HPA-HP

HSA 4220 - Long Term Patient Management

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts and process of patient care planning and management in a long term care facility.

HPA-HMI

HSA 4502 - Risk Management Systems

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA 3111 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Safety, liability and loss control issues with emphasis on risk retention, risk reduction and risk transfer in health care. *Occasional*

HPA-HMI

HSA 4702 - Health Sciences Research Methods

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (STA 2014C or STA 2023) and Junior Standing, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to research design in the Health Sciences, including design, literature review, testing, analysis, and conclusions. *Fall, Spring*

HPA-HMI

HSA 4850 - Health Services Administration Internship

Credit Hours: VAR

Contact Hours: VAR
Prerequisite(s): HSA 4853, 2.75
Major GPA, 90 overall credit hours, 24 HSA credit hours, approval of the Internship Director. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

150 hour minimum administrative experience in an approved health care organization.

HPA-HMI

HSA 4853 - Internship Orientation

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): 90 overall credit hours Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

HPA-HMI

HSA 4939 - Health Services Administration Capstone

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HSA major and senior standing, HSA 3170, HSA 3430. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Capstone course applies healthcare administration theory to a healthcare organization. Students will integrate previous coursework to evaluate an existing healthcare organization.

HPA-HMI

HSC 1931C - Foundations of Leadership

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): LEAD Scholars Program. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Seminar for LEAD Scholars in the College of Health & Public Affairs providing a foundation of leadership, scholarship, and service regarding disciplines in the college.

HPA-HPA

HSC 2000 - Introduction to Careers in Health Professions

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Freshman and Sophomores only. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of careers in health professions with regard to duties,

responsibilities, education and training, ethics, and relationships with other health professionals. Graded S/U.

HPA-HP

HSC 2524 - Introduction to Human Disease

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): BSC 2010C with a grade of "C" (2.0) grade or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic concepts and mechanisms related to the understanding of human disease.

Department of Health Sciences

HSC 2921 - LEAD Colloquium

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): Accepted to the LEAD Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. May be repeated for credit.

HPA-HPA

HSC 3102 - Foundations of Health Behavior

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): STA 2023 with a grade of "C" (2.0) or better and junior standing Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.	or Corequisite(s): None.	Prerequisite(s) or Corequisite(s): None.
Primary health behavioral theories, how to develop health promotion campaigns through behavioral modeling, and the foundations for conducting ethically-sound behavioral health research.	Preventive healthcare in the U.S., including current recommendations and guidelines to prevent disease and application of preventive interventions to specific chronic diseases.	Personal, social, and environmental impediments confronted by persons with disabilities, including communicative disorders. Strategies that promote life satisfaction are also reviewed.
HPA-HP	Department of Health Sciences	HPA-COM SC&DIS
HSC 3110 - Medical Self Assessment	HSC 3432 - Occupational Safety for the Health Care Professional	HSC 3593 - HIV Disease: A Human Concern
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Sophomore Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ZOO 3733C and PCB 3703C each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
Development of clinical skills and understanding of one's health to encourage active participation of individuals in their own healthcare.	Issues surrounding the healthcare environment and the risks associated with working there.	Analysis of the spectrum of HIV disease and the issues surrounding this public health crisis. <i>Fall, Spring</i>
Department of Health Sciences	Department of Health Sciences	HPA-HMI
HSC 3147 - Introduction to Pharmacology	HSC 3537 - Medical Terminology	HSC 4008 - Professional Development in Health Professions
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): BSC 2010C with a grade of "C" (2.0) or better and sophomore standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ENC 1102 and Sophomore status. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): ENC 1102 and Junior Standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
Basic concepts of pharmacology including terminology, regulations and use of drugs in human disorders.	A study of the language of medicine and allied health specialties, including word construction, definitions, and application of terms. <i>Fall, Spring, Summer</i>	Career development planning, professional leadership approaches to problem solving, regulatory and professional requirements.
HPA-HP	Department of Health Management and Informatics	HPA-HP
HSC 3211 - Preventive Health Care	HSC 3559 - Disabilities in American Society	HSC 4158 - Medical Pharmacology I
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): PCB 3703C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s)	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Junior or senior status. Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): BSC 2010C and CHM 2045C each with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

General pharmacological principles such as regulations, prescriptions, routes of administration, drug mechanism of action, indications/contraindications, and the side effects.

HPA-HP

HSC 4159 - Medical Pharmacology II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HSC 4158 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Mechanism of drug action used in treatment of the nervous, cardiovascular, endocrine, and immune systems.

HPA-HP

HSC 4201 - Community Health

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and Junior Standing, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Historical, sociocultural and economic factors in community health; current community health problems; interphase of governmental, voluntary and private agencies. *Fall, Spring*

HPA-HMI

HSC 4500 - Epidemiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HSA 3111 and (STA 2014C or STA 2023), or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

A study of the distribution and determination of diseases and injuries in human population. *Fall, Spring*

HPA-HMI

HSC 4501 - Epidemiology of Chronic Diseases

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3733C, PCB 3703C, and (STA 2014C or STA 2023). Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Epidemiology of chronic diseases including risk factors, etiology, mortality and morbidity as they relate to clinical practice, research, and intervention.

HPA-HP

HSC 4553 - Concepts in Pathophysiological Diagnosis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (HSC 4555 or HSC 4558) with a C (2.0) grade or better, and Senior standing. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Basic principles of diagnosis with a focus on methodology and relevance to pathophysiology.

HPA-HP

HSC 4555 - Pathophysiology I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3733C and PCB 3703C each with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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.

HPA-HP

HSC 4558 - Pathophysiology II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PCB 3703C and ZOO 3733C each with a grade of "C" (2.0) or better. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

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.

Department of Health Sciences

HSC 4564 - Health Care Needs of the Elderly

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HSA 3111 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of the physical and emotional needs of the elderly, including the institutional health care available. *Fall, Spring*

HPA-HMI

HSC 4572 - Clinical Nutrition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HUN 2201 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic principles of both normal and medical nutrition therapy associated with health and chronic diseases of public health importance.

HPA-HP

HSC 4652 - Health Law and Ethics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and Junior Standing, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of the legal and ethical issues faced by health care consumers, practitioners, administrators and health care facilities.

HPA-HP

HSC 4730 - Applied Health Research Methodology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): STA 2023 with a grade of "C" (2.0) or better and junior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Clinical research issues including: clinical research questions, protocol, patient safety, IRB, ethics and patient rights.

HPA-HP

HSC 4930 - Health Sciences Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Senior standing and Health Sciences major

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Career and graduate school preparation, and applications of clinical and translational research in healthcare.

HPA-HP

HSC 4943 - Health Sciences Internship

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 9-12

Contact Hours: 9-12

Prerequisite(s): Junior standing, 3.0 overall GPA, HSC 4555 or HSC 4558, and approval of the Program Director. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

Department of Health Sciences

HUM 2020 - Encountering the Humanities

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The range of ideas, research methods and approaches to scholarship, critical reflection, and creative work in the humanities.

CAH-PHIL

HUM 2020H - Honors Encountering the Humanities

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The range of ideas, research methods and approaches to scholarship, critical reflection, and creative work in the humanities with honors content.

CAH-PHIL

HUM 2210 - Humanistic Tradition I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on ancient civilizations and the cultural heritage stemming from them. Primary sources (in translation) are emphasized.

CAH-PHIL

HUM 2210H - Honors Humanistic Tradition I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on ancient civilizations and the cultural heritage stemming from them. Primary sources (in translation) are emphasized. Honors content.

CAH-PHIL

HUM 2230 - Humanistic Tradition II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on modern civilizations and their contributions to the Global Village. Primary sources (in translation) are emphasized.

CAH-PHIL

HUM 2230H - Honors Humanistic Tradition II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

An interdisciplinary, multicultural study of the arts and sciences contributed by diverse human traditions to world civilization. Focus is on modern civilizations and their contributions to the Global Village. Primary sources (in translation) are emphasized. Honors content.

CAH-PHIL

HUM 3252 - Contemporary Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Multicultural study of Philosophy and the arts of the 20th century.

CAH-PHIL

HUM 3255 - Modern Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Multicultural study of Philosophy and the arts of the modern period.

CAH-PHIL

HUM 3307 - Memory and Testimony**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HUM 2210 and

HUM 2230 and Junior standing.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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.

CAH-PHIL

HUM 3320 - Contemporary Multicultural Studies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

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.

CAH-PHIL

HUM 3326 - Theories of Sex and Gender in Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Historical and contemporary theories of sex and gender relevant in interdisciplinary Humanities.

CAH-PHIL

HUM 3401 - Asian Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

An interdisciplinary survey of the cultures of India, China, and Japan, concentrating on their traditional art, literature, religion, philosophy, and music.

CAH-PHIL

HUM 3419H - Honors Islamic Thought and Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HUM 2230, or REL

2300, and Consent of Honors.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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.

CAH-PHIL

HUM 3423 - African Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Contemporary art, culture, and philosophy in selected African countries.

CAH-PHIL

HUM 3431 - Ancient Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Development of Ancient Greek thought and culture with emphasis on philosophy, religion, literature and art.

CAH-PHIL

HUM 3435 - Medieval Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Development of Medieval thought and culture with emphasis on Philosophy, Religion, Literature and Art.

CAH-PHIL

HUM 3460 - Latin American Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): HUM 2210 or HUM 2230. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Ideas in cultures of Latin America and Caribbean basin as expressed in arts, architecture, music, philosophy, religion, literature and film.

CAH-PHIL

HUM 3800 - Research Methods in Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Humanities Major with any prior HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Research skills for the humanities, including methodologies, writing techniques, essay structuring, formatting, and methods for citing references and constructing bibliographies.

CAH-PHIL

HUM 3805 - Critical Theory in the Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Theories of interpreting technologies, texts, and practices, with emphasis on film, visual/performing arts, music, religion, and philosophy.

CAH-PHIL

HUM 3806 - Critical Race Theory**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or CI Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Provides an introduction to major themes, theories, and historiography from the field of Critical Race Theory.

CAH-PHIL

HUM 3830 - Introduction to Digital Humanities**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any HUM course or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Investigation of the application of digital tools to humanities questions, and to questions about contemporary life.

CAH-PHIL

HUM 4301 - The Classical Ideal**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-PHIL

HUM 4330 - Performance Theory**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Any 3000-level HUM course, or C.I. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Traditional and contemporary theories of performance with a focus on linguistic performatives, bodily and virtual performances, self-identity, and the politics of performance.

CAH-PHIL

HUM 4394 - Place and Space

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): HUM 2230 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Phenomenological, symbolic, constructivist, and determinist approaches to personal and social place and space.

CAH-PHIL

HUM 4459 - American Cultural Studies in Humanities

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Theories of culture intersecting race, class, gender, migration, ability, and national identity in North America.

CAH-PHIL

HUM 4823 - Queer Theory in the Humanities

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Developments in queer theory. Challenge to research by scholars, activists, performers, and visual artists.

CAH-PHIL

HUM 4826 - Postcolonial Theory

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary overview of postcolonial philosophy, literature, film, art and cultural theory.

CAH-PHIL

HUM 4931 - Key Figures in the Humanities & Cultural Studies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of a central Humanities/Cultural Studies figure's work, influences, reception, and effect. May be repeated for credit only when course content is different.

CAH-PHIL

HUM 4933 - Senior Research Seminar

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Capstone course on research, developing effective oral and written

communication skills.

CAH-PHIL

HUM 4934 - Key Concepts in Humanities & Cultural Studies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any 3000-level HUM course or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the development, meaning, and implications of a central concept in the Humanities and Cultural Studies. May be repeated for credit only when course content is different.

CAH-PHIL

HUN 2201 - Fundamentals of Human Nutrition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Sophomore standing
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

HPA-HP

HUN 3011 - Human Nutrition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ZOO 3733C and CHM 1032 or C.I.

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.

CON-NURS

HUN 3013 - Nutrition Concepts and Issues in the Food Service Industry

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): FSS 2221C or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces basic nutrition concepts. Discusses nutrition concepts and concerns in relation to food preparation and service in the hospitality industry.

RCHM-FOOD&LODG

IDH 1920H - Honors Freshman Symposium

Credit Hours: 1

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Readings, lectures, and discussions covering aspects of scholarship, research, and university life. *Fall*
Graded S/U.

BHC-HON

IDH 1921H - Honors Symposium II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): IDH 1920H.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Readings, lectures and discussions covering aspects of scholarship, artistic, and other creative efforts.

Graded S/U.

BHC-HON

IDH 3101H - Honors Cultural Traditions of India

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Integrative background of Indian culture, philosophy and art. Instruction on music, yoga, dance and Indian fine arts.

BHC-HON

IDH 3600H - Honors Case Studies in Ethics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

CAH-PHIL

IDH 3930H - Honors Trauma in a Global Context

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and

Consent of Honors. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The course addresses the psychological effects of different forms of trauma within a dynamic

global context.

BHC-HON

IDH 3930H - Superheroes In American Popular Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

BHC-HON

IDH 4030H - Honors Windows To The World

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors

and IDH 1920H, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be repeated for credit. *Spring* Graded S/U.

The Burnett Honors College

IDS 3150 - Foundations of Environmental Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing,

complete equivalent of UCF Science

and Math GEP. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An overview of the approaches taken by different disciplines to address regional, national, and global environmental issues.

UGST-INTERDISC

IDS 3333 - World Comparative Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comparative study of cultures, economies, languages, and social systems using approaches and data from multiple disciplines.

UGST-INTERDISC

IDS 3933 - Cornerstone Experience

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102, Junior standing, Interdisciplinary Studies major, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary study essentials, including basic concepts and methodological tools, to synthesize material from disparate fields and apply them to academic plans and career goals.

UGST-INTERDISC

IDS 4204C - Advanced Topics on Energy and Sustainability

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Acceptance into the Energy and Sustainability Minor, Senior standing and Completion of GEP or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

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.

ECS-ECS

IDS 4893 - Capstone Environmental Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Environmental Studies Major in graduating semester, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

In 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.

UGST-INTERDISC

IDS 4934 - Capstone Experience

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): IDS 3933, Junior standing, and Interdisciplinary Studies major, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

UGST-INTERDISC

IDS 4939 - Senior Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1101, 1102

The Senior Seminar is the capstone course for General Studies, enabling students to integrate undergraduate experiences, prepare professional engagement, and produce a culminating project. *Fall, Spring*

Office of Interdisciplinary Studies

IDS 4947 - Internship

INP 3004 -

Industrial/Organizational Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PSY 2012.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Psychological theories and principles applicable to problems in industrial organizations.

COS-PSYCH

INP 3004H - Honors Industrial/Organizational Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PSY 2012 and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Psychological theories and principles applicable to problems in industrial organizations. With Honors content.

COS-PSYCH

INP 3141C - Advanced Applied Psychology

Credit Hours: 1-3

Class Hours: 0

Lab and Field Work Hours: 3-9
Contact Hours: 3-9
Prerequisite(s): PSY 2012 and C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Course will explore application of
psychological knowledge to clinical,
experimental, industrial, or
educational settings. Supervised
laboratory experience is required.
May be repeated for credit. Graded
S/U.

COS-PSYCH

**INP 3951 -
Industrial/Organizational Field
Work**

Credit Hours: 3
Class Hours: 0
Lab and Field Work Hours: 10
Contact Hours: 10
Prerequisite(s): C.I. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

An opportunity for advanced
undergraduate psychology majors to
become involved in the application
of I/O psychology to local
organizations.

COS-PSYCH

**INP 4313 - Organizational
Psychology**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

COS-PSYCH

**INP 4319 - Occupational Health
Psychology**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: PSY 2012, or CI

Occupational Health Psychology,
including workplace stress and
coping, workplace aggression, work
schedules and job design, and
organizational interventions.
Occasional

**INP 4380 - Psychology of
Teamwork**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PSY 2012 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Dynamics of small groups and teams
from social and applied psychology
perspectives.

COS-PSYCH

**INR 2002 - International
Relations-Theory and Practice**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Analysis of the fundamental
principles and factors affecting
interstate relations and their
application to contemporary global
developments.

COS-POLS

INR 3016 - Global Political Issues

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): POS 2041 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Current global political topics from
political development and income
gap to gender issues and
environmental challenges.

COS-POLS

**INR 3250 - Politics of Pan-
Africanism**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): INR 2002.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Political expressions of Pan-
Africanism throughout the major
regions of the African Diaspora.

COS-POLS

**INR 3253 - International Politics
of Africa**

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS
2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

The broad structures and processes
of international politics and foreign
policy in Africa, with particular
attention on U.S.- African relations.

COS-POLS

INR 4008 - Global Perspectives

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

The historical and contemporary
contexts of globalization.

COS-POLS

INR 4011 - Politics of Globalization

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Major political causes and consequences of globalization.

COS-POLS

INR 4030 - Diplomacy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Concepts, theories, and methods of contemporary diplomacy; diplomatic processes in the international arena.

COS-POLS

INR 4030H - Honors Diplomacy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): POS 2041 and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts, theories, and methods of contemporary diplomacy; diplomatic processes in the international arena.

COS-POLS

INR 4035 - International Political Economy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS

2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The international politics of regional and global economic interdependence, with emphasis upon North-South relations, the New International Economic Order, OPEC, and multinational corporations.

COS-POLS

INR 4054 - Global Politics of Energy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

International/national dimensions of global energy policy within developed and underdeveloped countries.

COS-POLS

INR 4060 - Causes of War

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The primary theoretical and empirical research explaining militarized interstate conflict.

COS-POLS

INR 4063 - The Cold War

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

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.

COS-POLS

INR 4074 - Immigration Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-POLS

INR 4075 - Human Rights Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Meaning of human rights, political and international implications of human rights policies, relationship to global peace, racism, gender inequality, economic development and democratization.

COS-POLS

INR 4076 - Global Drug Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

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.

COS-POLS

INR 4084 - Politics of International Terrorism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Nature and politics of terrorism with primary focus on its implications for international relations.

COS-POLS

INR 4085 - Women, Gender, and Globalization

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Feminist and gender perspectives in International Relations, Globalization, and International Political Economy.

COS-POLS

INR 4102 - American Foreign Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Development of American foreign policy, with emphasis on the role and policies of the United States in the contemporary world.

COS-POLS

INR 4104 - Topics and Cases in American Foreign Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-POLS

INR 4114 - American Security Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-POLS

INR 4115 - Strategic Weapons and Arms Control

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

Control of strategic weapons and their impact. Technological and policy aspects, including nuclear proliferation.

COS-POLS

INR 4224 - Contemporary International Politics of Asia

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examinations of the foreign policies of major and secondary powers in Asia, with particular attention to China and Japan.

COS-POLS

INR 4225 - The Vietnam War

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): POS 2041 or INR 2002, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Background of events leading to America's involvement in Indochina, the course of the Vietnam War, and the lessons which that war imparts.

COS-POLS

INR 4243 - International Politics of Latin America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Study of contemporary U.S.-Latin

American relations, interAmerican politics and organization, and the role of Latin America in the world.

COS-POLS

INR 4274 - International Politics of the Middle East

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either INR 2002, CPO 3103 or POS 2041.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines foreign relations among Middle Eastern states and related actors, including, but not limited to, the great powers of the world.

COS-POLS

INR 4304 - Issues in International Public Policy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Endogenous and exogenous variables, including policy analysis and decision-making, which influence select international public policy issues.

COS-POLS

INR 4335 - Coercion in International Politics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

COS-POLS

INR 4350 - Global Environmental Politics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The unique environmental struggles and political issues that occur on the international and global levels.

COS-POLS

INR 4351 - International Environmental Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

COS-POLS

INR 4363 - Intelligence Analysis and Reporting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041 or INR 2002 or ENC 1102. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Foreign intelligence analysis and its interaction with organizations,

politics, and psychology to shape political decisions.

COS-POLS

INR 4364 - The Intelligence Community

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The intelligence community structure in its relationship to foreign policy decision making, consideration of control and reliability questions, and issues of cooperation and coordination.

COS-POLS

INR 4364H - Honors: The Intelligence Community

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: POS 2041 or INR 2002 or CPO 3103, and Consent of Honors or C.I.

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. *Spring*

INR 4401 - International Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I.

Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The nature, evolution, and sources of

international law and examination of various sub-areas as recognition, maritime law, nationality, and war.

COS-POLS

INR 4404 - Space Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Examination of the legal regime of outer space from both international and national perspectives, and the legal problems arising from human activity in space.

COS-POLS

INR 4502 - International Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The study of the structure and workings of international organizations of cooperation, including the UN, its affiliates, and various regional organizations.

COS-POLS

INR 4603 - International Relations Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Theoretical trends prevalent in the study of international relations,

including realism, liberalism, Marxism, feminism, and post-modernism.

COS-POLS

INR 4714 - Politics of International Trade Policy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Key actors and processes of international trade policy-making at the sub-national, nation-state, regional, and global levels of analysis.

COS-POLS

INR 4743 - Military Power and Effectiveness

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): INR 2002

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores the evaluation of military power and effectiveness in international and domestic conflict, emphasizing social science approaches to theory and research methodology.

COS-POLS

INR 4744 - Militaries in World Politics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041, or INR 2002, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Civil-military relations and its

relevance to international relations and comparative politics.

COS-POLS

INR 4764 - Cyberwarfare Policy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041 or ENC 1102 or INR 2002 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

How nations, groups and individuals throughout the world use internet/cyber-attacks for military, political, and economic gains over their adversaries.

COS-POLS

INR 4764H - Honors Cyberwarfare Policy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: POS 2041 OR ENC 1102 OR INR 2002, and Consent of Honors or C.I.

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. *Fall*

INR 4765 - Emerging Space Powers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): POS 2041, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of states' efforts to develop space technologies for purposes of economic, social and military development.

COS-POLS

INR 4774 - Military Space Policy**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 or POS 2041 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Politics and policymaking involved in militaries globally, consideration of effects on globalization and international policies economic and military.

COS-POLS

INR 4933H - Honors Human Trafficking**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): INR 2002 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An interdisciplinary Honors seminar designed to help students gain a better understanding of contemporary human trafficking, also known as slavery and forced servitude.

COS-POLS

ISC 2054 - STEM Seminar I**Credit Hours: 1**

Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): Admission to an iSTEM sponsored program.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study skills, faculty networking, exposure to STEM professionals. Graded S/U.

COS-MATH

ISC 2055 - STEM Seminar II**Credit Hours: 1**

Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): Admission to iSTEM sponsored program. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study skills, faculty networking, exposure to STEM professionals, STEM shadowing experience. Graded S/U.

COS-MATH

ISC 2215 - Interdisciplinary Applications of Calculus I**Credit Hours: 1**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): MAC 2311C. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary applications of differential and integral calculus topics in MAC 2311C to the solution of concrete problems in science, mathematics, and engineering disciplines.

COS-MATH

ISC 2216 - Interdisciplinary Applications of Calculus II**Credit Hours: 1**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): MAC 2312. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary applications of differential and integral calculus topics in MAC 2312 to the solution of concrete problems in science, mathematics, and engineering disciplines.

COS-MATH

ISC 3417 - Computational Nanoscience**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS 1440) or C.I. Corequisite(s): None.

Computational nanoscience covers the basic use of computational analysis for the study of nanoscience and related applications in nanotechnology. *Odd Fall*

COS-PHYS

ISC 3424 - Chemical and Life Science Nanotechnology**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: 'C' (2.0 or better in CHS 1440 or CHM 2045C, or CI

Synthesis, fabrication and properties of nanomaterials and nanodevices, and their broad applications in chemical/life science, environment protection and sustainability. *Fall, Spring*

ISC 3471 - Nanoscience and Nanotechnology**Credit Hours: 3**

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS 1440) or C.I. Corequisite(s): None.

Nanoscience and Nanotechnology covers the basic principles governing nature at the nanoscale and summarizes the state of the art of emerging nanotechnology applications. *Spring*

COS-PHYS

ITA 1120C - Elementary Italian Language and Civilization I**Credit Hours: 4**

Class Hours: 3
Lab and Field Work Hours: 1

Contact Hours: 4
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

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.

CAH-LANG

ITA 1121C - Elementary Italian Language and Civilization II

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): ITA 1120C or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Continuation of ITA 1120C.

CAH-LANG

ITA 2010C - Italian for Spanish Speakers

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): PR: Native Spanish
Speaker or C.I.

Designed for native speakers of
Spanish, uses multilingual
pedagogies and intercomprehension
between Italian and Spanish,
allowing for an accelerated pace of
learning. *Occasional*

Department of Modern Languages
and Literatures

ITA 2200 - Intermediate Italian Language and Civilization I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ITA 1121C or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

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.

CAH-LANG

ITA 2201 - Intermediate Italian Language and Civilization II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ITA 2200 or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Designed to continue development of
language skills at intermediate level,
plus a review of grammar and study
of syntax, with emphasis on Italian
civilization.

CAH-LANG

ITA 3215 - Azione! Italian through Film

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ITA 2200 or C.I.

Applies the linguistic and
grammatical principles of Italian
through film and television, with an
emphasis on modern Italian culture.
Taught entirely in Italian.
Occasional

ITA 3420 - Italian Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ITA 2201 or
equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Development of skills in

composition, with an introduction to
Italian culture.

CAH-LANG

ITA 3472 - Renaissance Art Abroad

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

A study of Renaissance art from
Giotto to Michelangelo.

CAH-LANG

ITA 3564 - Modern Italian Culture

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ITA 2200 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Modern Italian culture (1920s
through today) through literature,
film, and mass media.

CAH-LANG

ITA 3620 - Cucina nostra: Italian through Food

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ITA 2200 or C.I.

Applies the linguistic and
grammatical principles of Italian
through the study of food, with an
emphasis on modern Italian culture.
Taught entirely in Italian.
Occasional

ITA 3760 - Advanced Italian Oral Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITA 2201 or equivalent. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues.

CAH-LANG

ITT 3301 - Italian & Italian American Women's Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Novels and short stories by some major Italian and Italian-American women writers.

CAH-LANG

ITT 3443 - Dante's Inferno

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITW 3100.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth study of Dante's Inferno. In English.

CAH-LANG

ITT 3480 - Italian Literature in Translation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITA 2201 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Main literary tendencies and authors

of Italian literature.

CAH-LANG

ITT 4300 - From Italy to America

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITW 3101 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course connects Italy and the US, their history and culture.

CAH-LANG

ITT 4956 - Study Abroad: Modern and Contemporary Italian Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing and

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Modern and contemporary Italian culture in the natural environment.

CAH-LANG

ITT 4957H - Honors Italian Literature in Translation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and

consent of Honors. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Main literary tendencies and authors of Italian Literature, with honors content.

CAH-LANG

ITW 3100 - Survey of Italian Literature I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITA 2201.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Main currents and writers in Italian literature from the 12th through the 15th centuries.

CAH-LANG

ITW 3101 - Survey of Italian Literature II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITA 2201.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Main currents and writers in Italian literature from the 15th century to the present.

CAH-LANG

ITW 3373 - The Modern Italian Short Story

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ITA 2201 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Selection of short stories written by the most significant Italian writers of the 20th century.

CAH-LANG

JOU 2100C - News Reporting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): 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.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): 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.

Newsgathering and writing for the mass media. *Fall, Spring*

COS-COMM

JOU 3004 - History of American Journalism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of mass media, leading innovators, and the media's role in the nation's history.

COS-COMM

JOU 3015 - Principles of Journalism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Either SPC 1608, SPC 1603C, COM 1000, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces principles of the journalism industry and lays the foundation for other upper-level journalism courses.

COS-COMM

JOU 3101 - Advanced Reporting

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): Journalism major or Magazine Journalism minor and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced information-gathering and development of news writing skills.

COS-COMM

JOU 3130 - In-Depth Reporting

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Journalism major and JOU 2100C, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing with analysis, using detail, description, and demographics.

COS-COMM

JOU 3184C - Metro Reporting

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Coverage of several important news beats in a metropolitan area.

COS-COMM

JOU 3201 - Editing I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): A grade of ""C"" (2.0) or better in JOU 2100C or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): A grade of ""C"" (2.0) or better in JOU 2100C or C.I.

Editing copy, writing headlines,

managing newsroom operations.
Fall, Spring

COS-COMM

JOU 3202 - Editing II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Practical aspects of editing.

COS-COMM

JOU 3301 - Journalism Readings

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Either SPC 1608, SPC 1603C, COM 1000, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts of literary journalism, designed to enhance understanding and evaluation techniques used by journalists.

COS-COMM

JOU 3310 - Social Media Writing for Magazines

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): JOU 2100C or PUR 3100. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-COMM

JOU 3313C - Sports Reporting

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Covering sports for the media; issues, principles, and practices.

COS-COMM

JOU 3320 - News Producing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-COMM

JOU 3510 - Magazine Publishing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The magazine industry, emphasizing business operations and current topics.

COS-COMM

**JOU 3912 - Collaborative
Experiential Research Practicum**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either SPC 1608, SPC 1603C or COM 1000, and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times.

COS-COMM

JOU 3951 - Knightly Latino

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): JOU 2100C and RTV 3321, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. \$23.00

COS-COMM

**JOU 4181 - Public Affairs
Reporting**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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 3101. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reporting on city, county and state government.

COS-COMM

JOU 4213C - Page Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor and a grade of "C" Corequisite(s): None. Prerequisite(s) or Corequisite(s): Journalism major or Magazine Journalism minor and a grade of "C"

Designing news pages, including stories, headlines, and other content.
Fall

COS-COMM

JOU 4300 - Feature Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing feature articles for newspapers and magazines.

COS-COMM

JOU 4306C - Critical Writing

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Writing reviews of movies, plays, television programs, concerts, books, and other cultural works.

COS-COMM

JOU 4308 - Freelance Writing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of the techniques and procedures of freelance writing, including the preparation of several manuscripts.

COS-COMM

JOU 4340C - Online Journalism I**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The development, impact and problems of using the Internet as a journalistic tool. Write and design news for the Web.

COS-COMM

JOU 4342C - Multimedia Journalism**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Combining print and electronic technologies to transmit information to the public.

COS-COMM

JOU 4447 - Magazine Editing and Production**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Magazine production, including writing and editing skills, and editorial requirements.

COS-COMM

JOU 4700 - Journalism Ethics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following: SPC 1608, SPC 1603C, COM 1000, or CI. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): One of the following: SPC 1608, SPC 1603C, COM 1000, or CI.

Ethical problems, codes, and practices in newsrooms. *Fall, Spring*

COS-COMM

JOU 4941 - Internship**JOU 4950 - Senior Capstone in Journalism****Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Journalism major, and a minimum of "C" (2.0) in JOU 3101 and (JOU 4340C or JOU 4342C), or C.I.

Advanced techniques in multimedia news gathering and reporting for a daily web publication as part of a capstone experience in journalism. *Fall, Spring*

Department of Film and Mass Media (NSCM)

JPN 1120C - Elementary Japanese Language and Civilization I**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-LANG

JPN 1121C - Elementary Japanese Language and Civilization II**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): JPN 1120C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of JPN 1120C.

CAH-LANG

JPN 2200 - Intermediate Japanese Language and Civilization I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): JPN 1121C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-LANG

JPN 2201 - Intermediate Japanese Language and Civilization II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): JPN 2200 or equivalent. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of JPN 2200 with emphasis on Japanese civilization.

CAH-LANG

JST 3005 - Tenets of Judaism

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101 and ENC 1102. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Values, practices, and beliefs that define Judaism.

CAH-HIST

JST 3100 - The Hebrew Bible as Literature

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3120 - Hebrew Scriptures

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102, Junior standing. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The Hebrew Bible (Old Testament, in translation) in historical, social, religious, cultural and literary contexts.

CAH-HIST

JST 3121 - Classic Texts of Judaism

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Scriptures, post-Biblical Rabbinic writings, Exegesis, Apocrypha, Qumran documents, Mishnah, Talmud, the Siddur, as well as Jewish mystical writings.

CAH-HIST

JST 3125 - The Book of Job

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Jr standing, ENC 1102. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A textual-thematic study of Book of Job in English translation, exploring the Book of Job as literature, theodicy and ethics.

CAH-HIST

JST 3126 - Romantic Love in the Bible

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102, Junior standing. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3144 - Dead Sea Scrolls

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The Dead Sea Scrolls, their literary and historical context, and significance.

CAH-HIST

JST 3149 - The Jewish View of Jesus

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of 'C' (2.0) or better in ENC 1102 or C.I.

Examination of how Jewish scholarship approaches the "historical Jesus" and early Judaeo-Christianity, particularly with regard to the ancient land of Israel. *Spring*

Department of History

JST 3190 - Social Justice & the Prophets

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of 'C' (2.0) or better in ENC 1102, or C.I..

Examination of the concept of social justice among the Biblical prophets. *Occasional*

Department of History

JST 3210 - Kabbalah: Jewish Mysticism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3401 - Jewish People in Antiquity**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History and culture of the Jewish people from the beginnings of Judaism in the biblical era through the Graeco-Roman and rabbinic periods.

CAH-HIST

JST 3402 - Wanderings: The Jewish People in Dispersion**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The life and history of the Jews in the medieval and modern worlds.

CAH-HIST

JST 3415 - American Jewish History**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Jewish presence in America and its influence on and contribution to American life and culture.

CAH-HIST

JST 3417 - Sephardi Jews: History, Culture, and Folklore**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of Sephardi Jews (Jews originated from Spain) as dispersed in Europe and the Middle East following the Expulsion from Spain in 1492.

CAH-HIST

JST 3424 - Biblical Archaeology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines archaeological excavations in Israel and the ancient Near East to shed light on events and stories recorded in the Bible.

CAH-HIST

JST 3450 - Modern Jewish Experience**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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

CAH-HIST

JST 3481 - 20th Century Jewish History and Thought**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of philosophers such as Buber, Rosenzweig, Kaplan, Heschel, Borowitz, Solovechik, within the historical context of European immigration to the U.S.

CAH-HIST

JST 3510 - Notable Women in Jewish History**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Historical and cultural role of exceptional women in Judaism.

CAH-HIST

JST 3514 - Great Minds that Shaped Jewish History**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1101 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Great minds that shaped Jewish history from antiquity to the Modern Age will be explored. Also their philosophy and theology will be studied.

CAH-HIST

JST 3523 - Judaism and Islam**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the relationship (in theory and practice) between two Abrahamic faiths, Judaism and Islam, including conflicts and commonalities between them.

CAH-HIST

JST 3550 - Introduction to Modern Judaism**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Explores the key concepts and practices of the Jewish faith in a contemporary setting, emphasizing the changing nature of religious thought and observance. *Occasional*

CAH-HIST

JST 3551 - The Holy and the Profane: The Introduction of Secularism into Modern Judaism**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or JST 3401 or JST 3402. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3600 - Judaism and Science**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC

1102 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3620 - Contemporary Jewish Ethics and Morality**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Moral concerns using the resources of the classical Judaic tradition.

CAH-HIST

JST 3701 - History of the Holocaust**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A comprehensive study of the Holocaust from 1933-1945, discussing the persecution of German Jews and the annihilation of the Jews in Europe.

CAH-HIST

JST 3751 - Literature of the Holocaust**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

A study of the traumatic experience of the Holocaust in Europe as expressed and depicted in contemporary Jewish and Hebrew Literature.

CAH-HIST

JST 3803 - The Israeli Experience in Short Stories**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The Israeli experience in contemporary short stories. Themes include Judaism - Past & Present; War & Peace; Society; the Holocaust; the Kibbutz and Israeli reality.

CAH-HIST

JST 3820 - Modern Israeli Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-HIST

JST 3821 - Israel: Start-Up Nation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Development of Israel as a nation, including elements of nation building, the role of religion, culture, science, hi-tech and higher education.

CAH-HIST

KOR 1120C - Elementary Korean Language and Civilization I

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Beginning language course for those who have no prior or very limited knowledge in Korean.

CAH-LANG

KOR 1121C - Elementary Korean Language and Civilization II

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): KOR 1120C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of KOR 1120C designed as a beginning language course for those who have no prior or limited knowledge Korean Language.

CAH-LANG

KOR 2200 - Intermediate Korean I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): KOR 1121C or

equivalent Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Development of language skills and cultural knowledge at the intermediate level.

CAH-LANG

KOR 2201 - Intermediate Korean II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): KOR2XXX
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intermediate Korean I or equivalent
Continuation of Intermediate Korean I with emphasis on Korean civilization.

CAH-LANG

LAE 3414 - Literature for Children

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Undergraduate Elementary Education Program or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Criteria for analysis and evaluation of children's literature in terms of interests, needs, and abilities of children.

ED-TL&L

LAE 4314 - Language Arts in the Elementary School

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDG 4410 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Content, principles, materials, and techniques involved in teaching, speaking, listening, writing, and spelling in the elementary school; organizing for instruction.

ED-TL&L

LAE 4342 - Programs in Teaching Language and Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDG 4410;
Corequisite(s): LAE 4360 and LAE 3940. Prerequisite(s) or Corequisite(s): None.

Special programs, strategies and materials for middle and secondary English Language Arts majors. Emphasis on individual needs of students.

ED-TL&L

LAE 4360 - English Instructional Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDG 4410, EDF 4467, TSL 4080, and LAE 4464.
Corequisite(s): LAE 4342 and LAE 3940. Prerequisite(s) or Corequisite(s): None.

Course objectives for a school curriculum and methods and materials which have special application for teaching English at the middle grades and high school.

ED-TL&L

LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to graduate program or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

ED-TL&L

LAE 4464 - Survey of Adolescent Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101 and admission to the college.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is designed to explore adolescent/young adult literature from an educational and historical perspective.

ED-TL&L

LAE 4466 - Canon, Young Adult Literature and the English Language Arts Curriculum

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EDG 4410, TSL 4080. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

ED-TL&L

LAH 3130 - Latin American History I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The Colonial period.

CAH-HIST

LAH 3200 - Modern Latin America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): WOH 2022.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Investigates the broader themes of Latin American history from independence to the present.

CAH-HIST

LAH 3400 - History of Mexico and Central America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

A survey of Mexican and Central American history from Pre-Columbian times to the present.

CAH-HIST

LAH 3470 - History of the Caribbean

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): EUH 2000 and EUH 2001 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

History of Cuba, Puerto Rico, Dominican Republic, and Haiti from Pre-Columbian times to the present.

CAH-HIST

LAH 4136 - Colonial Florida

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): AMH 2010 and AMH 2020 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Spanish Colonial Florida until 1821.

CAH-HIST

LAH 4461 - History of Puerto Rico

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WOH 2022.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Puerto Rico from pre-Columbian era to present.

CAH-HIST

LAH 4480 - History of Cuba

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WOH 2022.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Cuba from pre-Columbian era to present.

CAH-HIST

LAH 4503 - History of South America

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of South America by focusing on themes of economic, social, and cultural history in the 19th and 20th centuries.

CAH-HIST

LAH 4512 - Modern Argentina**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the economic, social, and cultural history of Argentina.

CAH-HIST

LAH 4630 - History of Modern Brazil**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major themes of the history of modern Brazil (ca. 1750-present).

CAH-HIST

LAH 4780 - Poverty and Development in Latin America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the historical reasons for poverty and inequality in 20th

century Latin America.

CAH-HIST

LAS 3002 - Topics in Latin American Studies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPN 1121C or SPN

2200 or equivalent or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Contemporary issues in Latin America including, among others, transformational events in culture, politics, education, and business.

CAH-HIST

LAS 3026 - Cuba: A Collective Portrait**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1102 or C.I.

Examine and reflect on various themes pertaining to Cuba's dynamic and rich culture, history, and society with an interdisciplinary approach.
Even Spring, Odd Spring

Department of Modern Languages and Literatures

LAS 3101 - Latin American Popular Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPN 1120C and

Corequisite(s): SPN 1121C.

Prerequisite(s) or Corequisite(s): None.

Examines folklore and digital media of Latin American culture with a special focus on Mexico, Puerto Rico, and Peru.

CAH-HIST

LAS 3320 - Brazilian Culture**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary examination of Brazilian culture through cinema, music, literature, and fine arts.

CAH-HIST

LAS 4023 - African Caribbean Experience**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interdisciplinary study of the evolution of African Caribbean culture, its influence on institutions, social and political movements, and contemporary Caribbean society.

CAH-HIST

LAS 4910 - LAS Capstone**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): LAS 3002.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Research project in Latin American Studies.

CAH-HIST

LDR 2001 - Foundations of Leadership**Credit Hours: 2**

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Student enrolled in LEAD Scholars, Leadership Studies

minor or certificate. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introductory study into the foundations of leadership, including leadership theories and related principles and practices.

UGST-INTERDISC

LDR 2002 - Intermediate Foundations of Leadership

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): LDR 2001.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

UGST-INTERDISC

LDR 2262 - Focused Volunteer Community Service

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students will engage in volunteer experiences and reflect upon the value of those experiences. Graded S/U.

UGST-INTERDISC

LDR 3115 - Contemporary Issues in Leadership

Credit Hours: 3

Class Hours: 3

Prerequisite(s): ENC 1101, 1102

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. *Fall, Spring*

Office of Interdisciplinary Studies

LDR 3215 - Leadership Through Service: An Advanced Leadership Experience

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): LDR 2001 and LDR 2002. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

UGST-INTERDISC

LDR 3950 - Leadership in Action: Capstone Experience for LEAD Scholars

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): LDR 3215.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

UGST-INTERDISC

LEI 4266 - Outdoor and Leisure Activities

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): Admission to the Sport and Exercise Science Program or Community Sport and Fitness Minor, and minimum overall 2.5 GPA. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

ED-E&HS

LIN 3010 - Principles of Linguistics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-ENG

LIN 3673 - Rhetorical Grammar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Focus on learning and practicing grammatical techniques that today's expert writers use to increase rhetorical impact on the reader.

CAH-WRITE

LIN 3713 - Language Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3471.

Language components, models of language production and comprehension, and theories of language development.

HPA-COM SC&DIS

LIN 3716 - Language Development**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): LIN 3713

Corequisite(s): LIN 3716L.

Prerequisite(s) or Corequisite(s): None.

Spoken and written language development from infancy to adulthood.

HPA-COM SC&DIS

LIN 3716L - Language Development Lab**Credit Hours: 2**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): LIN

3713 Corequisite(s): LIN 3716.

Prerequisite(s) or Corequisite(s): None.

Procedures for sampling, analyzing, and describing language in children and adolescents.

HPA-COM SC&DIS

LIN 4105 - History of the English Language**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the English language and its development from Anglo- Saxon to Modern.

CAH-ENG

LIN 4660 - Linguistics and Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in LIN 3010 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Language study as an aid to understanding literature.

CAH-ENG

LIN 4680 - Modern English Grammar**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Emphasis upon the analysis and comparison of traditional, structural, and transformational grammar.

CAH-ENG

LIN 4801 - Language and Meaning**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of language and meaning in social, civic, cultural, and professional settings.

CAH-ENG

LIT 2110 - World Literature I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Poetry, prose, and drama selected from ancient Hebrew, Greek, and Oriental literature and from that of Renaissance Europe.

CAH-ENG

LIT 2120 - World Literature II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Readings from Moliere, Voltaire, Goethe, Pushkin, Balzac, Tolstoy, Ibsen, Mann, Kafka, Camus, and others.

CAH-ENG

LIT 3082 - Continental European Fiction Since 1900**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A selection of significant works of fiction written in various languages during the present century, read in translation.

CAH-ENG

LIT 3132 - Legend & Literature of King Arthur

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Surveys 1500 years of Arthurian legend and literature, including such authors as Thomas Malory, Chretien de Troyes, and Mark Twain.

CAH-ENG

LIT 3192 - Caribbean Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Traces how Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; in English.

CAH-ENG

LIT 3192H - Honors Caribbean Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and ENC 1102H or equivalent credit. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

How Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; taught in English. Honors content.

CAH-ENG

LIT 3202 - Death and Dying**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Considering the topic of death and dying through a study of literature, the course includes facts, psychological impact, ideological responses to death and identity.

CAH-ENG

LIT 3202H - Honors Death and Dying**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102H or equivalent credit, and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores the subject of death and grief in a variety of literary genres (fiction, memoir, non-fiction). With Honors content.

CAH-ENG

LIT 3206 - Place and Space in Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of how authors develop place and space and how this creates meaning in texts.

CAH-ENG

LIT 3206H - Honors Place and Space in Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of how authors develop place and space and how this creates meaning in texts. With Honors content.

CAH-ENG

LIT 3212 - Research & Writing About Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Research, writing, and critical analysis skills applicable to upper-level literature courses

CAH-ENG

LIT 3313 - Science Fiction**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An investigation of science fiction as a literary form, together with selected readings.

CAH-ENG

LIT 3313H - Honors Science Fiction Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and ENC 1102H or equivalent credit. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An investigation of science fiction as a literary form, together with selected readings. Honors content.

CAH-ENG

LIT 3368 - Magical Realism in Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Magical realism in literature, including consideration of its popularity, development, and treatment in various cultural contexts.

CAH-ENG

LIT 3381 - Women Writers of Color

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines the cultural productions of women writers of color in the Americas with a particular focus on literature, theory, and film.

CAH-ENG

LIT 3383 - Women in Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-ENG

LIT 3383H - Honors Women in Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and ENC 1102H or equivalent credit. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-ENG

LIT 3394 - Literature of AIDS

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-ENG

LIT 3394H - Honors Literature of AIDS

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors and ENC 1102H or equivalent credit. Corequisite(s): None. Prerequisite(s)

or Corequisite(s): Consent of Honors and ENC 1102H or equivalent credit.

Literature related to AIDS: Essays, short stories, plays, poetry, diaries, and novels. Honors content.

Occasional

CAH-ENG

LIT 3437 - International Environmental Justice Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-ENG

LIT 3482 - Literature & Popular Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of media to determine popular values in the formation of popular cultural perceptions.

CAH-ENG

LIT 3482H - Honors Literature & Popular Culture

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of media to determine popular values in the formation of popular cultural perceptions. With Honors Content.

CAH-ENG

LIT 3605 - Literature and War

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Varied representations of war in literature.

CAH-ENG

LIT 3607 - Mad, Bad, and Dangerous: Roles and Images of Writers in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): English major or minor, and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Representations of writers in films and texts, including multi-cultural and gendered aspects, and how these ideals, stereotypes, and cultural roles affect student writers.

CAH-ENG

LIT 3714 - Literary Modernism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines a specific period, a literary movement, and a set of

aesthetic/formal practices applied to poetry, novels, essays, and manifestos.

CAH-ENG

LIT 3823 - Hispanic Women Writers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Hispanic women writers in a variety of genres.

CAH-ENG

LIT 3833 - Modern Asian Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Asian literatures in different genres translated into English or written in English from the modern period. Various countries emphasized in different iterations.

CAH-ENG

LIT 3835 - Translated Modern Chinese Novels

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Chinese novels in English translation from the modern and contemporary periods.

CAH-ENG

LIT 3905 - Directed experience in Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102, C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Individualized topics of study and/or research in literature with personalized faculty direction. May be repeated for credit.

CAH-ENG

LIT 3931 - Topics in World Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Themes, modes, and genres from literature outside of the U.S. May be repeated for credit only if content is different.

CAH-ENG

LIT 3932 - Topics in Popular Fiction

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENC 1102 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines genres in popular fiction such as the western, romance, detective, fantasy, horror, or mystery. May be repeated for credit only if content is different.

CAH-ENG

LIT 3933 - Literature and Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives. May be used in the degree program a maximum of 2 times only when course content is different.

CAH-ENG

LIT 3933H - Honors Literature and Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives. With Honors Content.

CAH-ENG

LIT 4034 - Contemporary Poetry In English**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Poetry written in English after the mid-twentieth century, including North American, British, Irish, and Anglophone countries.

CAH-ENG

LIT 4043 - Modern Drama As Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of important plays, playwrights, themes, movements, and styles in modern American, British, and European drama.

CAH-ENG

LIT 4184 - Irish Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of literature written in Ireland, within the context of Irish history, politics, culture and colonial experience.

CAH-ENG

LIT 4233 - Postcolonial Theory and Literature**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Focus on the nature of colonial discourse, the strength of postcolonial rewritings, and the relationship of postcolonial theory to other theories.

CAH-ENG

LIT 4244 - World Authors**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better required in ENG 3014 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the works of a single non-British and non-U.S. author who composes in English. May be used in the degree program a maximum of 2 times only when course content is different.

CAH-ENG

LIT 4303 - Post-World War II Fiction**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An investigation of various modes of reality in the works of significant postmodernist world authors, crossing cultural boundaries.

CAH-ENG

LIT 4374 - Literature of the Bible**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENG 3014.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literary forms in the Bible - narrative, poetic, and dramatic - and their reflection in modern literature.

CAH-ENG

LIT 4374H - Honors Literature of the Bible**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and ENC 1101H or equivalent credit. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Literary forms in the Bible - narrative, poetic, and dramatic - and their reflection in modern literature. Honors content.

CAH-ENG

LIT 4433 - Literature of Science and Technology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in ENC 1102 or CI.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Major works of non-fiction that address and describe the history, philosophy, politics, and new ideas in science and technology.

CAH-ENG

LIT 4554 - Advanced Feminist Theories

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of C (2.0) or better required in ENC 1102, WST 3015 or ENG 3014. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An advanced exploration of feminist critical theories and practices.

CAH-ENG

MAA 4226 - Advanced Calculus I

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): MHF 3302, MAC

2313 and MAS 3106, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAA 4227 - Advanced Calculus II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAA 4226 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MAA 4226.

COS-MATH

MAA 4402 - Introduction to Complex Variables

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2313 and MAP 2302 and MHF 3302, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analytic functions and complex integration. Residue integration, Taylor and Laurent series, conformal mapping and the application of complex analysis to Potential Theory.

COS-MATH

MAA 4934 - Topics in Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAS 3106 and MAA 4226, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced topics in analysis. Selection of topics will vary. May be used in the degree program a maximum of 3 times.

COS-MATH

MAC 1105C - College Algebra

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Appropriate score on the UCF Math Placement exam, or MAT 1033C with a "C" (2.0) or better, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Inequalities. High degree polynomials. Graphs, rational, logarithmic, and exponential functions. Systems of equations. The "NC" grading policy applies to this course.

COS-MATH

MAC 1114C - College Trigonometry

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Appropriate score on the UCF Math Placement Exam, or MAC 1105C with a "C" (2.0) or higher, or C.I.

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.

COS-MATH

MAC 1140C - Pre-Calculus Algebra

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4
Prerequisite(s): Appropriate score on the Math Placement Exam, or MAC 1105C with a "C" (2.0) or better, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAC 2147 - Mathematics for Calculus

Credit Hours: 5
Class Hours: 5
Lab and Field Work Hours: 0
Contact Hours: 5
Prerequisite(s): Solid background in algebra or trigonometry, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAC 2233 - Concepts of Calculus

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a C (2.0) or better, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAC 2253 - Applied Calculus

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): 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. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAC 2311C - Calculus with Analytic Geometry I

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): 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.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring, Summer*

Department of Mathematics

MAC 2311H - Honors Calculus with Analytic Geometry I

Credit Hours: 4
Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): 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. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

Department of Mathematics

MAC 2312 - Calculus with Analytic Geometry II

Credit Hours: 4
Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): Grade of "C" (2.0) or better in MAC 2311C, or credit by exam equivalency for MAC2311C, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Differentiation and integration of exponential, logarithmic, inverse trigonometric functions; techniques of integration; further applications of integration; parametric equations, polar coordinates; infinite sequences and series. *Fall, Spring, Summer*

Department of Mathematics

MAC 2312H - Honors Calculus with Analytic Geometry II

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Grade of "C" (2.0) or better in MAC 2311C, or credit by exam equivalency for MAC2311C, and consent of Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

Fall, Spring, Summer

Department of Mathematics

MAC 2313 - Calculus with Analytic Geometry III

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Grade of "C" (2.0) or better in MAC 2312, or score of 5 on the Calculus BC Advanced Placement Exam, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAC 2313H - Honors Calculus with Analytic Geometry III

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): 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. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAD 2104 - Foundations of Discrete Math

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 2 years of high school algebra and 1 year of geometry or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic mathematical logic, methods of proof in mathematics, and application to elementary discrete structure.

COS-MATH

MAD 4203 - Introduction to Combinatorics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2312, and either MHF 3302 or COT 3100C, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Counting principles; permutations and combinations, multisets; recurrence relations and generating functions; combinatorial designs; the Polya theory of counting.

COS-MATH

MAD 4301 - Introduction to Graph Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either MHF 3302 or COT 3100C, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Graph theory; isomorphism, connectivity; traversability, matchings, factorizations; planarity, colorings, and Ramsey number.

COS-MATH

MAD 4934 - Topics in Discrete Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAS 3106 and either MAD 4203 or MAD 4301, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced topics in discrete mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times.

COS-MATH

MAE 2801 - Elementary School Mathematics

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): MAC 1105C or MGF 1106. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

ED-TL&L

MAE 3310 - Elementary Mathematics for Teaching I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course will address pedagogical content knowledge for teaching whole number concepts and operations, integer concepts, geometry and algebraic reasoning.

ED-TL&L

MAE 3311 - Elementary Mathematics for Teaching II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAE 3310 with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course will address pedagogical content knowledge for teaching rational number concepts and operations, measurement, and algebraic reasoning.

ED-TL&L

MAE 3366 - Middle and High School Mathematics for Teaching**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Secondary Education B.S Pending, Secondary Education B.S. Mathematics Education Track , Lifelong Learning Track, Mathematics Education Minor or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

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.

ED-TL&L

MAE 4300 - Math Curriculum and Assessment in Early Childhood**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing
Corequisite(s): EEC 4235C, RED 4311 and SCE 4304 Prerequisite(s) or Corequisite(s): None.

Methodologies for teaching and assessing young children in mathematics concepts and skills through an integrated, developmentally appropriate program. *Fall, Spring*

School of Teacher Education

MAE 4326 - How Children Learn Mathematics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAE 3310 , MAE 3311 and admission to Elementary Education B.S - Education Track
Corequisite(s): EDE 3942.
Prerequisite(s) or Corequisite(s): PR: MAE 3310 , MAE 3311 and admission to Elementary Education B.S - Education Track. CR: EDE 3942.

Instructional strategies, learning activities, the use of manipulatives, lesson planning, evaluation of mathematical learning, and diagnostic techniques. *Fall, Spring*
M&S fee \$10.00

ED-TL&L

MAE 4333 - Teaching Geometry in the Secondary Schools**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Mathematics Education Track or Lifelong Learning Track or C.I.

This course addresses specific techniques for developing geometry skills beginning in the general mathematics classes of grade 6 through the high school geometry course. *Fall*

MAE 4339 - Teaching Algebra in Secondary Schools**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Secondary Education B.S. Mathematics Education Track or Lifelong Learning Track or C.I.

Strategies for teaching algebraic thinking in middle and high school. *Spring*

MAE 4360 - Mathematics Instructional Analysis**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): EDG 4410 and MAE 4634. Corequisite(s): MAE 3940. Prerequisite(s) or Corequisite(s): None.

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.

ED-TL&L

MAE 4383 - Teaching Secondary Mathematics with Technology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Secondary Education B.S Pending or Secondary Education B.S.
 Mathematics Education Track or Lifelong Learning Track or C.I.

The application of educational technology to mathematics instruction including graphing calculators, apps, applets, virtual manipulatives, simulations, and mathematics software. *Summer*

MAE 4634 - Programs in Teaching of Mathematics**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Admission to Secondary Education B.S - Mathematics Education Track, Lifelong Learning Track or Mathematics Education Minor
 Corequisite(s): MAE 3366
 Prerequisite(s) or Corequisite(s): Admission to Secondary Education B.S - Mathematics Education Track, Lifelong Learning Track or Mathematics Education Minor, CR: MAE 3366

A consideration of special programs, strategies, and materials. Emphasis on individual needs of students.
Occasional

ED-TL&L

MAN 3025 - Management of Organizations**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior and control.

BA-MAN

MAN 3025H - Honors Management of Organizations**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, and consent of Honors. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior, and control. Applicable to honors students.

BA-MAN

MAN 3301 - Strategic Human Resource Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Sophomore standing and ENC 1102 Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

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.
Fall, Spring

Department of Management

MAN 3302 - Essentials of Human Resource Management for Integrated Business**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of MAN 3025 with a grade of "C" or better
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Prepares managers to contribute to the development and implementation of HR policies and practices. Legal issues and relationships with other business functions are emphasized.
Fall, Spring, Summer

Department of Integrated Business

MAN 3354 - Employee Training for Non-Business Majors**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3025.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Employee training needs and practices as performed by supervisors and managers under the direction of organizational specialists. Designed for non-business majors.

BA-MAN

MAN 3520 - Quality & Productivity Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3025.
 Management Majors and Minors and students whose major requires it.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): MAN 3025.
 Management Majors and Minors and students whose major requires it.

Principles and theories of quality and operations management in manufacturing and service organizations. *Fall, Spring*

BA-MAN

MAN 4029 - Service Organization Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Management major, MAN 3025 and MAN 3520.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the special characteristics, problems, and methods for managing service-oriented organizations.

BA-MAN

MAN 4046 - Teamwork, Collaboration, and Group Dynamics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Management major, Technological Entrepreneurship Minor, Entrepreneurship Minor or Entrepreneurship Certificate program
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

BA-MAN

MAN 4101 - Human Relations in Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Management major, MAN 3025. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The study of individual, interpersonal, group, and intergroup problems in business organizations through the use of cases and experimental exercises.

BA-MAN

MAN 4143 - Leadership Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Management major, Technological Entrepreneurship Minor, Entrepreneurship Minor or Entrepreneurship Certificate program. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides a foundation on the leadership development process and the impact leaders can have on individuals, groups, and organizations.

BA-MAN

MAN 4209 - Designing Dynamic Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Management major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Explores how innovative organization design represents an important source of competitive advantage for organizations of all types.

BA-MAN

MAN 4240 - Organizations: Theory and Behavior

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of MAN 3025 and students admitted into any of the restricted business majors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Completion of

MAN 3025 and students admitted into any of the restricted business majors.

A course providing a micro/macro approach to the study of organizations by integrating organizational theory and organizational behavioral science concepts. *Fall, Spring*

BA-MAN

MAN 4320 - Human Resources Recruitment and Selection

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3301 or MAN 3302 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A concentrated investigation of the methods appropriate to the development, implementation and administration of the staffing process in contemporary organizations
Occasional

Department of Management

MAN 4329 - Business Analytics in Human Resource Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3301 or MAN 3302 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Processes, methodologies, infrastructure, and current practices used to transform data from many sources into useful information for human resource management and decisions. *Occasional*

Department of Management

MAN 4330 - Compensation Administration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3301 or MAN 3302 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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
Occasional

Department of Management

MAN 4350 - Performance Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAN 3301 or MAN 3302 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

The management of worker performance through the training and development activities delivered by organizational specialists. Theory, issues, practices and problems are discussed. *Fall, Spring*

Department of Management

MAN 4441 - Conflict Resolution and Negotiation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of MAN 3025 and students admitted into any of the restricted business majors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Completion of MAN 3025 and students admitted into any of the restricted business majors.

Conflict resolution and negotiation theories and processes applied to human resource management practices and other management activities in work organizations.

Occasional

BA-MAN

MAN 4532 - Introduction to Collaborative Design**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Senior standing and C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Business students will team with engineering students to obtain hands on experience at solving real world design problems in a team based environment.

BA-MAN

MAN 4583 - Project Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Integrated Business major or Management major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

BA-MAN

MAN 4600 - International Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Approved major or minor, MAN 3025. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The course examines issues involved in multinational management of

business firms, with special emphasis on comparative management.

BA-MAN

MAN 4701 - Business Ethics and Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Management major, MAN 3025. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course applies the ethics dimension to business decisions in today's complex political, social, economic and technological environment.

BA-MAN

MAN 4720 - Strategic Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admitted to Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students assume a strategic view of organizations and integrate and apply material learned in their business courses to modern organizational problems and opportunities.

BA-MAN

MAN 4941 - Management Internship**Credit Hours: 3**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): Management major, application approval, consent of department chair. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Provides student with supervised, management-related work experience in a sponsoring organization. See department for information; application required. May be repeated for credit.

BA-MAN

MAP 2302 - Ordinary Differential Equations I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in MAC 2313, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Methods of solution for first order equations. Linear equations. Laplace transforms. Series solutions. Selected applications.

COS-MATH

MAP 2302H - Honors Differential Equations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or better in MAC 2313, and permission of Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MAP 3482H - Honors Systems Modeling and Simulation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and MAC 2312.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Population growth dynamics; spread of an epidemic; ecological predator-prey relationships; insulin and its use in the control of diabetes; economic systems.

COS-MATH

MAP 3923 - Frontiers in Mathematical Research: Colloquia and Public Talks

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): MAP 2302 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be used in the degree program a maximum of 3 times. Graded S/U.

COS-MATH

MAP 4103 - Mathematical Modeling I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAS 3105 or MAS 3106, and MAP 2302, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to the study of mathematical modeling.

COS-MATH

MAP 4113 - Probability, Random Processes and Applications

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2313.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Elementary probability theory; modes of convergence; martingales, Gaussian, Wiener, and diffusion processes; Brownian motion; applications.

COS-MATH

MAP 4153 - Vector and Tensor Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAS 3105 or MAS 3106, and MAP 2302, or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Vector calculus. The theorems of Green, Gauss and Stokes. Introduction to tensors. Application in engineering and physical sciences.

COS-MATH

MAP 4171 - Optimization

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2313, and MAP 2302, and MAS 3105 or MAS 3106, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Linear programming, dynamic programming, control theory, integer programming.

COS-MATH

MAP 4303 - Ordinary Differential Equations II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): MAP 2302, and
MAS 3105 or MAS 3106, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Systems of linear differential
equations, introduction to numerical
solutions, stability theory and phase
plane analysis, an introduction to
limit cycles, bifurcations and chaos,
power series solutions of differential
equations.

COS-MATH

MAP 4341 - Introduction to Partial Differential Equations

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 2302, and
MAS 3105 or MAS 3106, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

COS-MATH

MAP 4342 - Partial Differential Equations II

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAS 3105 or MAS
3106, and MAP 4341.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

COS-MATH

MAP 4371 - Numerical Methods for Differential Equations

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAC 2313, and
MAP 2302, and COP 3223C, and
MAS 3105 or MAS 3106, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

COS-MATH

MAP 4384 - Numerical Methods for Computational Sciences

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 2302, and COP
3223C, and MAS 3105 or MAS
3106. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Theory of modern methods of
numerical computation and
numerical analysis in linear algebra
and differential equations; non-linear
optimization, finite element methods,
adaptive quadrature.

COS-MATH

MAP 4484 - Mathematical Biology I

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 2302, and
MAS 3105 or MAS 3106, or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Mathematical models of single

populations, predator-prey systems,
competition between species, host-
parasite systems, epidemics,
genetics, excitable systems.

COS-MATH

MAP 4494 - Mathematical Biology II

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 4484.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Mathematics of permanence,
persistence and stability of
ecological communities; competition
in special habitats; epidemics;
immune system; optimal foraging;
cancer modeling; physiological
modeling; genetics; protein folding.

COS-MATH

MAP 4640 - Financial Mathematics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 4113 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

COS-MATH

MAP 4934 - Topics in Applied Mathematics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAP 2302 and MAS
3105, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

Advanced topics in applied mathematics. Selection of topics will vary. May be used in the degree program a maximum of 3 times.

COS-MATH

MAR 3023 - Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of how firms create and communicate value in order to build and maintain customer relationships while benefitting the organization and its stakeholders.

BA-MAR

MAR 3023H - Honors Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, and consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

BA-MAR

MAR 3203 - Supply Chain and Operations Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of each course in the Business common program prerequisites with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs.

BA-MAR

MAR 3203H - Honors Supply Chain and Operations Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of each course in the Business common program prerequisites with a "C" (2.0) or better, and consent of the Honors College. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs.

BA-MAR

MAR 3323 - Integrated Marketing Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing Minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning and execution of advertising, sales promotion, and public relations programs consistent with integrated marketing communications programs.

BA-MAR

MAR 3391 - Professional Selling

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing major or Marketing minor, and MAR 3023 with a grade of "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The communication processes that form the basis of professional selling to businesses and to individuals. Focus is on applied exercises and role-play situations.

BA-MAR

MAR 3391H - Honors Professional Selling

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing major or Marketing minor, and MAR 3023 with a grade of "B" (3.0) or better, and consent of the Honors College. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The communication processes that form the basis of professional selling to business and to individuals. Focus is on applied exercises and role-play situations.

BA-MAR

MAR 3403 - Sales Force Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAR 3023 with a "B" (3.0) or better and appropriate major or minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An overview of the sales management process. Emphasis on sales program formulation and implementation.

BA-MAR

MAR 3407 - Integrated Marketing and Sales

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAR 3023

Marketing Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Analyze business scenarios to develop integrated marketing and sales plans with creative strategies and innovative tactics face-to-face and online in Business-to-Business and Business-to-Consumer markets.
Fall, Spring, Summer

Department of Integrated Business

MAR 3503 - Consumer Behavior

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the

Marketing major. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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.

BA-MAR

MAR 3611 - Marketing Analysis and Research Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor or

Professional Selling minor, and

MAR 3023 with a "B" (3.0) or

better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Study of the analytical tools and research methods used by marketers to make more effective decisions.

BA-MAR

MAR 3613 - Marketing Research

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAR 3615 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The acquisition of information using various marketing research methods, as well as the application of results to marketing decision making.

BA-MAR

MAR 3615 - Marketing Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the

Marketing major. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Study of analytic methods, tools, processes, and technologies that enable marketers to evaluate the success of marketing activities and initiatives.

BA-MAR

MAR 3641 - Marketing Intelligence

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Contemporary sources and applications of information concerning external forces impacting marketing decision making.

BA-MAR

MAR 3721 - Digital Media Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the

marketing major. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The application of contemporary digital media technologies to marketing decision making.

BA-MAR

MAR 3765 - Entrepreneurial Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Exploration of how marketing and entrepreneurship affect and are affected by one another.

BA-MAR

MAR 4156 - International Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and

MAR 3023 with a "B" (3.0) or

better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Investigates strategy, policy and the variables relevant to international marketing decisions.

BA-MAR

MAR 4231 - Retailing Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

The field of retailing. Emphasis on planning for profitability through demand forecasting, inventory control, customer relationship management and brand leadership.

BA-MAR

MAR 4413C - Strategic Issues in Sales

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): MAR 4415C with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of selected contemporary strategic issues in selling and sales management.

BA-MAR

MAR 4415C - Advanced Professional Selling

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): Admission to the professional selling track in the Marketing major or to the Professional Selling minor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of the professional selling process, including team selling, negotiating, customer conflict management, and CRM systems.

BA-MAR

MAR 4418 - Strategic Sales Force Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Marketing major or the Professional Selling minor. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the effective strategic management of contemporary sales forces. Emphasis on sales program formulation, implementation, and control, with a focus on strategy.

BA-MAR

MAR 4711 - Sport Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Marketing as it applies to the sport and leisure industry.

BA-MAR

MAR 4712 - Healthcare Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

Marketing as it applies to healthcare manufacturers, intermediaries and providers.

BA-MAR

MAR 4715 - Entertainment Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Application of marketing theory and tools to the marketing of products and services in the entertainment industry.

BA-MAR

MAR 4803 - Marketing Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing Minor and MAR 3611 with a grade of "C" (2.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Planning, organizing, implementing, monitoring and controlling marketing programs to effectively compete in dynamic and diverse business environments.

BA-MAR

MAR 4804 - Marketing Strategy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAR 3613 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Marketing issues are explored, with emphasis on strategy formulation and integrative marketing decision making.

BA-MAR

MAR 4832 - Product Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAR 3613 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the theory and practice of managing innovation and product design, testing, branding, and introduction of new products.

BA-MAR

MAR 4840 - Fundamentals of Services Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Integrated Business major.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

BA-MAR

MAR 4841 - Services Marketing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the marketing major. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

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.

BA-MAR

MAR 4934 - Contemporary Marketing Topics in Florida

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Marketing minor and MAR 3023 with a "B" (3.0) or better. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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. May be repeated for credit only when course content is different.

BA-MAR

MAR 4941 - Marketing Internship

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Marketing major or minor, and application to and approval by the Department of Marketing.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Provides student with supervised, market-related work experience in a sponsoring organization. Application and approval required.

BA-MAR

MAS 3105 - Matrix and Linear Algebra

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): MAC 2312 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Matrices, determinants, vector spaces over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, singular value decomposition

COS-MATH

MAS 3105H - Honors Matrix and Linear Algebra

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): MAC 2312 and permission of Honors or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Matrices, determinants, vector spaces over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, singular value decomposition. With Honors consent.

COS-MATH

MAS 3106 - Linear Algebra

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): MHF 3302 and MAS 3105, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Abstract vector spaces, linear transformations, isomorphisms, projections, inner products, spectral theorem, Jordan Canonical Form, quadratic forms.

COS-MATH

MAS 3203 - Introduction to Number Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MHF 3302 or C.I.
 Corequisite(s): None. Prerequisite(s)
 or Corequisite(s): None.

The course will include the
 following topics: inductive
 reasoning, factorization, the division
 algorithm and congruences.

COS-MATH

MAS 4301 - Abstract Algebra I

Credit Hours: 3

Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MHF 3302 and MAS
 3106, or C.I. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s):
 None.

Sets and mappings, groups,
 subgroups, permutation groups,
 homomorphisms and isomorphisms,
 the isomorphism theorems, groups
 actions, the class equation, Sylow
 theorems, and rings.

COS-MATH

MAS 4302 - Abstract Algebra II

Credit Hours: 3

Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MAS 4301 or C.I.
 Corequisite(s): None. Prerequisite(s)
 or Corequisite(s): None.

Advanced topics in abstract algebra,
 including ring theory and field
 theory; introduction to Galois theory.

COS-MATH

MAS 4934 - Topics in Algebra

Credit Hours: 3

Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MAS 3106 and MAS
 4301, or C.I. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s):
 None.

Advanced topics in abstract algebra
 and discrete mathematics. Selection
 of topics will vary. May be used in
 the degree program a maximum of 3
 times.

COS-MATH

MAT 1033C - Intermediate Algebra

Credit Hours: 3

Class Hours: 1
 Lab and Field Work Hours: 3
 Contact Hours: 4
 Prerequisite(s): None. Corequisite(s):
 None. Prerequisite(s) or
 Corequisite(s): None.

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.

COS-MATH

MAT 3937 - Techniques of Problem Solving

Credit Hours: 1

Class Hours: 1
 Lab and Field Work Hours: 0
 Contact Hours: 1
 Prerequisite(s): MAC 2311C and
 Corequisite(s): MAC 2312; or C.I.
 Prerequisite(s) or Corequisite(s):
 None.

Methods for solving problems in a
 wide variety of mathematical fields,
 with an emphasis on proper
 mathematical technique and writing
 of solutions. May be repeated for
 credit. Graded S/U.

COS-MATH

MCB 1000 - The Invisible World

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s):
 None. Prerequisite(s) or
 Corequisite(s): None.

Introduction to microbes, their
 beneficial and detrimental activities,
 and their importance to our every
 day lives.

COM-BSBS

MCB 1310 - Introduction to Biotechnology and Genetic Engineering

Credit Hours: 3

Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s):
 None. Prerequisite(s) or
 Corequisite(s): None.

Introduction to theories, laws,
 principles, foundations, scientific
 methods of genetic engineering &
 biotechnology and their applications
 in agriculture, environment and
 human health.

COM-BSBS

MCB 2004C - Microbiology for Health Professionals

Credit Hours: 4

Class Hours: 3
 Lab and Field Work Hours: 2
 Contact Hours: 5
 Prerequisite(s): BSC 2010C, CHM
 1032 or CHM 2045C. Corequisite(s):
 None. Prerequisite(s) or
 Corequisite(s): None.

A survey of microbiology for the
 health professional. 65

COM-BSBS

MCB 3020C - General Microbiology

Credit Hours: 5

Class Hours: 3
 Lab and Field Work Hours: 4
 Contact Hours: 7
 Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): BSC 2010C, CHM 2046, or CHM 2210.

Fundamentals of microbiology, evaluating microbial structure and function, metabolism, growth, genetics, virology environmental control, ecology, pathogenicity; and laboratory techniques. 65

COM-BSBS

MCB 3020C - Honors General Microbiology

Credit Hours: 5

Class Hours: 3

Lab and Field Work Hours: 5

Contact Hours: 8

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, CHM 2046 or CHM 2210, and consent of Honors.

Same as MCB 3020C with enrichment and further development of analytical skills in a separate laboratory and discussion section. With Honors content. M&S fee \$53.00

COM-BSBS

MCB 3202 - Principles of Infectious Disease

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MCB 3020C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COM-BSBS

MCB 3203 - Pathogenic Microbiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MCB 3020C or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Microorganisms producing disease in man and other animals; means of transmission; protection against disease.

COM-BSBS

MCB 3203L - Pathogenic Microbiology laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

MCB 3203. Prerequisite(s) or

Corequisite(s): None.

Laboratory investigation of pathogenic microorganisms, with emphasis on isolation and identification of pathogenic microorganisms. 65

COM-BSBS

MCB 3316H - Honors Biotechnology and Genetic Engineering Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of

Honors. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

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.

COM-BSBS

MCB 3903 - Explorations in Biomedical Science Research

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MCB 3020C, BSC 3403C

Combined exploration of research seminars across campus (minimum attendance of 10 seminars and a journal club. Student will learn how to do a literature review, how to properly review a research publication in life science journals, and how to critique a research paper. *Occasional*

MCB 3933 - Biomedical Sciences Careers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Open to undergraduate students in the Burnett School of Biomedical Sciences.

Preparation of students for the next step in their careers by discovering different training options, including qualifications, prospects and salary; developing their Individual Development Plan (IDP), development of materials for school applications or for job interviews, refine and practice interview and networking skills. *Occasional*

MCB 4114C - Determinative & Systemic Microbiology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): MCB 3020C, MCB 3203. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Microbial classification taxonomic rules and nomenclature techniques for identification and interrelating the phyla and taxa of bacteria.

COM-BSBS

MCB 4201 - Microbial Stress Response

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 3020C and PCB 3522. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examination of the molecular genetic mechanisms that bacterial and fungal pathogens use to adapt to changes in their environment.

COM-BSBS

MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 3020C, PCB 3522. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis.

COM-BSBS

MCB 4207 - Infectious Processes

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 3020C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The infectious process and the response of host cells and tissue to infection.

COM-BSBS

MCB 4224 - Molecular Biology of Diseases

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522 or PCB 3023. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

In-depth knowledge of current advances in the molecular mechanisms underlying human diseases. Topics include autoimmunity, neurodegeneration, aging, drug addiction, obesity, and cancer.

COM-BSBS

MCB 4276 - Epidemiology of Infectious Diseases

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 3020C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of descriptive and analytic epidemiology and its application to the analysis of infectious diseases and in the community health status.

COM-BSBS

MCB 4312 - Molecular Biotechnology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MCB 3020C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Principles, techniques, and applications of Molecular Biotechnology in genetically modified food, cloning, gene therapy, and forensics; transgenic animals; patents and regulations.

COM-BSBS

MCB 4404 - Bacterial Genetics and Physiology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic principles of microbial genetic analysis emphasizing how microbial genetic approaches are used to understand fundamental physiological processes in bacteria.

COM-BSBS

MCB 4410 - Cellular Metabolism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PCB 3522 or PCB 3023. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Basic concepts of the mechanisms that define the functioning and regulation of prokaryotic and eukaryotic cell metabolism.

COM-BSBS

MCB 4414 - Microbial Metabolism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): BSC 3403.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interrelationship between cellular structure function and genetic traits in microorganisms. The interaction between microorganisms and their nutritional environment.

COM-BSBS

MCB 4503C - Virology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PCB 3522.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts of structure and function of viruses, virus-host interactions and viral, and related disease states.

COM-BSBS

MCB 4603 - Environmental Microbiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MCB 3020C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Interrelationships between the biological activities of microorganisms and their terrestrial and aquatic environments.

COM-BSBS

MCB 4653 - Applied Industrial Microbiology

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 6

Contact Hours: 7

Prerequisite(s): MCB 3020C and BSC 3403C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Combination of molecular and biochemical analyses with applied industrial microbiology projects.

COM-BSBS

MCB 4720 - Industrial Perspectives Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Biotechnology major and Corequisite(s): MCB 3020C. Prerequisite(s) or Corequisite(s): None.

Concepts and techniques of basic research and drug development. Speakers from the biotechnology/pharmaceutical industry will show applications.

COM-BSBS

MCB 4721C - Methods in Biotechnology

Credit Hours: 4

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): BSC 3403C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fluorescence and luminescence-based assays used in biopharmaceutical industry for target validation. M&S fee \$70.00

COM-BSBS

MCB 4915 - Program for Undergraduate Research Experience

Credit Hours: variable

Class Hours: 2

Lab and Field Work Hours: variable

Prerequisite(s): Registration to the course requires instructor approval (linked to a program)

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. *Occasional*

College of Medicine Burnett School of Biomedical Sciences

MCB 4920C - Group-Effort Applied Research

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): MCB 3020C and BSC 3403C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be used in the degree program a maximum of 2 times only when course content is different.

COM-BSBS

MCB 4920H - Honors Group Effort Applied Research (GEAR)

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): BSC 3403C and Consent from Honors.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be used in the degree program a maximum of 2 times only when course content is different.

COM-BSBS

MCB 4940 - Methodology in Biomedical Sciences

Credit Hours: variable up to 3

Prerequisite(s): MCB 3202L or PCB 3233L or PCB 3703C or ZOO 3733C or MCB 3020C

Reinforces lab techniques; students will also gain experience in teaching by assisting instructors of different biomedical science labs *Spring Fall*

College of Medicine Burnett School of Biomedical Sciences

MET 2104 - The Earth's Climate

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

History, physics and dynamics of the Earth's climate.

COS-PHYS

MGF 1106 - Finite Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Appropriate score on the UCF Math Placement test, or MAT 1033C with a "C" (2.0) or better, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MGF 1107 - Explorations in Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The beauty and utility of mathematics, including patterns and symmetry, voting strategies, and finance. Connections between math and music, art, architecture, and nature. This course is intended for students not planning to take upper level mathematics.

COS-MATH

MHF 3302 - Logic and Proof in Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2311C. Corequisite(s): MAC 2312.

Prerequisite(s) or Corequisite(s): None.

Basic mathematical logic. Methods of proof in mathematics. Application of proofs to elementary mathematical structures.

COS-MATH

MHF 4404 - History of Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 2312 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-MATH

MHF 4934 - Topics in Foundations and History of Mathematics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MHF 3302 and MAS 3106, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be used in the degree program a maximum of 3 times.

COS-MATH

MHS 2090 - Introduction to Human Services

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

ED-CFCS

MHS 2330 - Career Planning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to career and life planning theories and concepts that assists students in applying these to their own lives.

ED-CFCS

MHS 2441 - Couples, Families and Intimate Relationships

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

ED-CFCS

MHS 3052 - Helping Skills for Human Service Providers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MHS 2090. Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

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.

ED-CFCS

MHS 3426 - Diversity Issues in Human Services

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MHS 2090.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to multicultural aspects of helping including race, ethnicity, religion, gender, socioeconomic status, spirituality, sexual orientation and disability.

ED-CFCS

MLS 3220C - Techniques in Clinical Microscopy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): CHM 2210, PCB 3703C or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of body fluids and urine by chemical and microscopic methods with interpretation and correlation to human disease. M&S fee \$70.00

COM-BSBS

MLS 3305 - Hematology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2210 and PCB 3703C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Overview of the hematopoietic system and disease states associated with blood and bone marrow

COM-BSBS

MLS 3305L - Hematology Lab

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Corequisite(s): MLS 3305

Prerequisite(s) or Corequisite(s): None.

Practical laboratory procedures routinely performed for analyzing hematologic abnormalities.

College of Medicine Burnett School of Biomedical Sciences

MLS 3701H - Honors Fluid Mechanics I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Grades of "C" (2.0) or better in (MAC 2313, MAP 2302, PHY 2048C, EGN 3321 and EGN 3343). Consent of Honors.

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows *Fall*

Department of Mechanical and Aerospace Engineering

MLS 3705 - Concepts in Education/Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to professional phase of the MLS Program or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to laboratory management, health delivery

systems, and educational practices in clinical settings.

COM-BSBS

MLS 4334 - Hemostasis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2210 and PCB 3703C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Overview of hemostatic and fibrinolytic conditions at the time of disease and the relationship of lab tests to diagnosis.

COM-BSBS

MLS 4430C - Clinical Microbiology I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): MCB 3020C or equivalent and acceptance into the MLS program. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is the first part of a two course sequence that provides students with entry level knowledge and skills in clinical microbiology. *Fall* M&S fee \$46.00

College of Medicine Burnett School of Biomedical Sciences

MLS 4460C - Clinical Microbiology II

Credit Hours: 5

Class Hours: 3

Lab and Field Work Hours: 6

Contact Hours: 9

Prerequisite(s): MLS 4430C and Admission to the professional phase of the MLS program. Prerequisite(s) or Corequisite(s): None.

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. *Spring* M&S fee \$53.00

College of Medicine Burnett School of Biomedical Sciences

MLS 4505C - Immunodiagnostics

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): PCB 3233 and PCB 3233L. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Theory and application of immunologic principles and their use in diagnosis of human disease.

COM-BSBS

MLS 4550 - Clinical Immunohematology

Credit Hours: 4

Class Hours: 2

Lab and Field Work Hours: 6

Contact Hours: 8

Prerequisite(s): Admission to the professional phase of the MLS program or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Investigation of incompatible crossmatches; antibody identification, leukocyte antigens and identification procedures, problem solving. M&S fee \$70.00

COM-BSBS

MLS 4625 - Advanced Clinical Chemistry I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2210, PCB 3703C or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Correlation of lab test to specific disease states including deviations in carbohydrate, amino acid metabolism, renal function, gastric function, electrolytes, and blood gases.

COM-BSBS

MLS 4625L - Advanced Clinical Chem I Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

MLS 4625. Prerequisite(s) or

Corequisite(s): None.

Laboratory procedures routinely performed in a clinical chemistry laboratory. M&S fee \$70.00

COM-BSBS

MLS 4630 - Advanced Clinical Chemistry II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): CHM 2210, PCB

3703C or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Correlation of laboratory tests to specific human disease states.

COM-BSBS

MLS 4830L - Interpretive & Practical Clinical Chemistry

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Admission to the

MLS program, MLS 4625, MLS

4630. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Instruction and practice of clinical chemistry laboratory procedures at

an off-campus affiliated hospital/clinical site.

COM-BSBS

MLS 4831L - Interpretive & Practical Immunohematology

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Admission to the MLS program, MLS 4550, MLS 4505C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Instruction and practice of blood banking and transfusion medicine laboratory procedures at an offcampus affiliated hospital/clinical site.

COM-BSBS

MLS 4832L - Interpretive & Practical Hematology

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Admission to the the MLS program, MLS 3305, MLS 4334. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Instruction and practice of clinical hematology laboratory procedures at an off-campus affiliated hospital/clinical site.

COM-BSBS

MLS 4833L - Diagnostic Microbiology

Credit Hours: 4

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Admission to the

MLS program, MLS 4460C.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Instruction and practice of clinical

microbiological procedures at an off-campus affiliated hospital/clinical site.

COM-BSBS

MLS 4910 - Introduction to Clinical Research

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): MLS 3220C, MLS 4625, MLS 4550. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Introduces MLS students to different types of research within the clinical setting.

COM-BSBS

MLS 4933 - Medical Technology Seminar

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): MLS Senior status.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Review of MLS coursework, case study discussions and preparation for certification. Graded S/U.

COM-BSBS

MMC 2004 - Mass Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Introduction to the nation's mass media, including newspapers, radio, television, magazines, advertising, and public relations.

COS-COMM

MMC 3200 - Mass Communication Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of the following;

SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Legal rights and responsibilities of the mass media.

COS-COMM

MMC 3200H - Honors Mass Communication Law

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPC 1608, SPC

1603C, COM 1000 or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Legal rights and responsibilities of the mass media.

COS-COMM

MMC 3420 - Mass Media Research Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): R-TV or Ad-PR or

Journalism major; or Mass Comm.

minor; or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Theory and methods of research used by media professionals and academics, focusing on radio-television and advertising-public relations research.

COS-COMM

MMC 3630 - Social Media as Mass Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either SPC 1608,

SPC 1603C, COM 1000, or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Principles and practices of social media and its role in communicating to mass audiences.

COS-COMM

MMC 4263 - New Media Technologies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Majors only, RTV

3511. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

An examination of the technologies impacting the communications media environment and society.

COS-COMM

MMC 4300 - International Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing or

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

The student will analyze different communication systems from around the world. There will be at least six case studies from any of these areas - Asia, Latin American, Western Europe, Middle East, Africa.

COS-COMM

MMC 4303 - Hispanics in Media in the US

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): SPC 1608, SPC 1603C, COM 1000, or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

COS-COMM

MMC 4411 - Ad-PR Campaigns

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Ad-PR majors only; ADV 3008 and PUR 4000 and either PUR 3100 or ADV 4101, and either PUR 4941 or ADV 4941.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Planning and managing communication campaigns that integrate both advertising and public relations strategies. Capstone.

COS-COMM

MMC 4602 - Contemporary Media Issues

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): One of the following: SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Relationship between the mass media and society; examination of social and ethical issues and responsibilities of the media's relationship with government.

COS-COMM

MSL 1001C - Foundations of Officership

Credit Hours: 2
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. May be repeated for credit.

ECS-AROTC

MSL 1002C - Basic Leadership

Credit Hours: 2
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Presents fundamental leadership concepts and doctrine; practice basic skills that underlie effective problem solving; examine the officer experience.

ECS-AROTC

MSL 2101C - Individual Leadership Studies

Credit Hours: 2
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Develops knowledge of self, self-confidence, and leadership skills; develop problem solving and critical thinking skills; apply communication, feedback, and conflict resolution skills.

ECS-AROTC

MSL 2102C - Leadership and Teamwork

Credit Hours: 2
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Focuses on selfdevelopment guided by knowledge of self and group processes; challenges current beliefs, knowledge and skills.

ECS-AROTC

MSL 3201C - Leadership and Problem Solving

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): Junior standing.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examines skills that underlie effective problem solving; analyzes military missions and plan military operations; and executes squad battle drills.

ECS-AROTC

MSL 3202C - Leadership and Ethics

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): MSL 3201C.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Probes leadership responsibilities that foster an ethical command climate; develops cadet leadership competencies; applies principles and techniques of effective written and oral communication.

ECS-AROTC

MSL 4301C - Leadership and Management

Credit Hours: 4
Class Hours: 3

Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): MSL 3202C.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Discuss staff organization, functions,
and processes, analyze counseling
responsibilities and methods, apply
leadership and problem solving
principles to a complex case
study/simulation.

ECS-AROTC

MSL 4302C - Officership

Credit Hours: 4
Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): MSL 4301C.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

ECS-AROTC

MTG 4212 - Modern Geometries

Credit Hours: 4
Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): MAC 2311C and
MHF 3302. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Sets of axioms and finite geometries,
groups of transformations, Euclidean
motions of 2-space and 3-space,
convexity in 2-space and 3-space.
Euclidean geometry of polygon and
circle, constructible numbers,
constructions and non-Euclidean
geometry.

COS-MATH

MTG 4254 - Introduction to Differential Geometry

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAC 2313 and MAS
3106, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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.

COS-MATH

MTG 4302 - Introduction to Topology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MHF 3302 and MAS
3106 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Metric spaces, topological spaces,
limit points, continuity, compactness,
and connectedness.

COS-MATH

MTG 4934 - Topics in Topology and Geometry

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MAS 3106 or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Advanced topics in geometry and
topology. Selection of topics will
vary. May be used in the degree
program a maximum of 3 times.

COS-MATH

MUC 1101C - Composition I

Credit Hours: 2
Class Hours: 1

Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MUC 1122 and MUC
2014 each with a grade of "C" (2.0)
or better or C.I. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Creative work in small forms. May
be repeated for credit.

CAH-MUSIC

MUC 2104C - Composition II

Credit Hours: 2
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MUC 1101C and
Music or composition major.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of Composition I.
Competence determined by faculty
jury. May be repeated for credit.

CAH-MUSIC

MUC 3105C - Composition III

Credit Hours: 3
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MUC 2104C and
competence determined by faculty
jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Continued study of composition,
with additional intensive work
expected for composition majors.
May be used in the degree program a
maximum of 3 times.

CAH-MUSIC

MUC 4106C - Composition IV

Credit Hours: 4
Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MUC 3105C and
competence determined by faculty
jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Intensive advanced study of composition for composition majors. May be used in the degree program a maximum of 3 times.

CAH-MUSIC

MUC 4950 - Composition Recital

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): None. Corequisite(s): MUC 4106C. Prerequisite(s) or Corequisite(s): None.

Culminating public concert of works written while studying Composition I-IV. Graded S/U.

CAH-MUSIC

MUE 2040 - Introduction to Music Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An introduction to music education covering philosophy, history, and current practice and trends. Observation in schools required.

School of Performing Arts

MUE 2211 - Early Childhood Music and Movement

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An examination of the role of music and creative movement in the lives of young children.

ED-CFCS

MUE 2346 - Vocal Techniques

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): Music major or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Vocal function, anatomy, and pedagogical methodology with applications for K-12 teaching.

CAH-MUSIC

MUE 2440 - String Techniques

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): MUED major, junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Class instruction in string playing and pedagogical techniques. M&S fee \$30.00

CAH-MUSIC

MUE 2450 - Woodwind Techniques I

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): MUED major, Junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Class instruction in woodwind playing and pedagogical techniques.

CAH-MUSIC

MUE 2460 - Brass Techniques

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): MUED major, junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Class instruction in brass playing and pedagogical techniques. May be repeated for credit.

CAH-MUSIC

MUE 2470 - Percussion Techniques

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): MUED major, junior standing or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Class instruction in percussion playing and pedagogical techniques. May be repeated for credit. M&S fee \$35.00

CAH-MUSIC

MUE 2471 - Percussion Techniques II

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MUE 2470 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Additional performing and teaching techniques of the percussion family, as relevant to today's instrumental music teachers. M&S fee \$35.00

CAH-MUSIC

MUE 3333 - Music Learning Theory and Assessment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BME Professional Program.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Learning theory and practical applications of assessment techniques as applied in the music classroom.

CAH-MUSIC

MUE 3353 - General Music Literature and Techniques

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): MUE 2040.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Diverse literature and techniques for the general music classroom.

CAH-MUSIC

MUE 3451 - Woodwind Techniques II

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): MUE 2450, MUED major, Junior standing or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of Woodwind Techniques I, with emphasis on double reeds.

CAH-MUSIC

MUE 3461 - Brass Techniques II

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MUE 2460.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continued study of performance techniques, teaching skills, resources, and materials required to teach brass instruments to beginning, middle, and high school level students.

CAH-MUSIC

MUE 3693 - Technology in Music Education

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUE 2040 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Productivity software, classroom management tools, web design and other technological tools for classroom teaching.

School of Performing Arts

MUE 3942 - Music Internship I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUE 4311, MUE 3333, EDF 4410, TSL 4080, EDF 4603 and RED 4043. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Students experience various roles of a music teacher in elementary and secondary settings, including observation, microteaching, and the completion of various assignments. Graded S/U.

CAH-MUSIC

MUE 4311 - Elementary School Music Methods

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Junior standing, MUED major. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Organization and administration of instruction for comprehensive music education, K-6; instructional planning, techniques, and materials for elementary music education.

CAH-MUSIC

MUE 4331 - Secondary Choral Methods I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BME Professional Program.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups.

CAH-MUSIC

MUE 4332 - Secondary Instrumental Methods I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BME Professional Program.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Wind, percussion, and string teaching methods for beginning and middle level students in a large classroom setting.

CAH-MUSIC

MUE 4335 - Secondary Choral Methods II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUE 4331 with a grade of "C" (2.0) or better.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continued examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups.

CAH-MUSIC

MUE 4337 - Secondary Instrumental Methods II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUE 4332 with grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Wind and percussion teaching methods for high school students in a large classroom setting.

CAH-MUSIC

MUE 4354 - General Music: ORFF Level I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Junior Standing or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

ORFF SCHULWERK methods of music education for pre-K - grade 8. Development of personal and pedagogical skills in singing, moving, playing Orff instruments, recorder and compositions.

CAH-MUSIC

MUE 4393 - Music and Students with Special Needs

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): MUE 2040 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Consideration of the general education music curriculum in regards to students with disabilities and special needs.

CAH-MUSIC

MUE 4441 - String Methods

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUE 4332.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

String teaching methods for high school students in a large classroom setting.

CAH-MUSIC

MUE 4791 - BME ePortfolio

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): MUE 3742 Music Internship I; Corequisite(s): MUE 4943 - Music Internship II.
Prerequisite(s) or Corequisite(s): None.

Required electronic portfolio for all Bachelor of Music Education majors to be taken in conjunction with MUE 4943 - Music Internship II.

CAH-MUSIC

MUE 4943 - Music Internship II

Credit Hours: 12

Class Hours: 12
Lab and Field Work Hours: 0
Contact Hours: 12
Prerequisite(s): MUE 3942.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Student Teaching in an elementary or secondary school under supervision of a certified classroom teacher. Graded S/U.

CAH-MUSIC

MUG 3104 - Basic Conducting

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MUT 1122 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamental techniques and practice in conducting.

CAH-MUSIC

MUG 3202 - Choral Conducting and Materials

Credit Hours: VAR

Class Hours: VAR
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): MUG 3104.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamental principles of choral conducting and rehearsal techniques including an examination of materials.

CAH-MUSIC

MUG 3302 - Instrumental Conducting and Materials

Credit Hours: VAR

Class Hours: VAR
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): MUG 3104.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamental principles of instrumental conducting and rehearsal techniques including an examination of materials.

CAH-MUSIC

MUH 2017 - Survey of Rock Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rise of rock music to prominence, and its impact on audience reception. No musical background required.

CAH-MUSIC

MUH 2017H - Honors Survey of Rock Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Consent of Honors.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rock music, 1950s to present, with emphasis on cultural and musical meaning. With Honors content

CAH-MUSIC

MUH 2019 - American Popular Music, 1840s-present

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Musical and cultural development of popular music in the United States from the 1840s to the present.

CAH-MUSIC

MUH 2021 - Survey of Country Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Country music and its historical developments from the 1920s to present.

CAH-MUSIC

MUH 3211 - Music History and Literature I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3633 and

MUT 1122 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Western European art music from Antiquity to 1800.

CAH-MUSIC

MUH 3212 - Music History and Literature II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3211 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Western European art music from 1800 to present day

CAH-MUSIC

MUH 3633 - Music in the United States

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUL 2720 and MUT 1122 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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.

CAH-MUSIC

MUH 4322 - Medieval and Renaissance Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3211 and MUH 3212 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s):

None.

Music and culture of Western Europe in the era c. 450-1600.

CAH-MUSIC

MUH 4341 - Music of the Baroque

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3211 and MUH 3212 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Music and culture during the Baroque period, 1600-1750.

CAH-MUSIC

MUH 4351 - Eighteenth-Century Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3211 and MUH 3212 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Music and culture of Western Europe in the era c. 1700-1830.

CAH-MUSIC

MUH 4361 - Music of the 19th Century

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUH 3211 and MUH 3212 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Examination of Western European and American art music from the nineteenth century.

CAH-MUSIC

MUH 4371 - Music Since 1900

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUH 3211 and MUH 3212 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Western art music since 1900.

CAH-MUSIC

MUH 4814 - Jazz Styles and Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUT 3171 and MUL 2016 with grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Historical style periods and master artists in jazz music.

CAH-MUSIC

MUL 2010 - Enjoyment of Music

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Non-music majors only. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed to develop an understanding of musical principles and techniques for listening to music.

CAH-MUSIC

MUL 2010H - Honors Enjoyment of Music

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed to develop an understanding of musical principles and techniques for listening to music, with Honors content.

CAH-MUSIC

MUL 2014 - Introduction to Music History and Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Music major or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Musical repertoires and cultures from the Western art music tradition, American jazz, and non-western music.

CAH-MUSIC

MUL 2016 - Evolution of Jazz

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Survey of jazz literature and performance.

CAH-MUSIC

MUL 2720 - Music of the World

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Music in cross-cultural context.

Relation of music to religion and society.

CAH-MUSIC

MUL 2721 - Survey of Latin American Music

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Survey of Latin-American and Caribbean music, including musical traditions as well as historical and cultural connections.

CAH-MUSIC

MUL 3024 - Welcome to the Jungle: Hard Rock

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MUL 2010, or C. I.

A survey of hard rock and heavy metal music and culture in the 1980s. *Spring*

MUL 3385 - Analysis of Hard Rock & Heavy Metal

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MUH 3633, or C. I.

An analytical discourse of hard rock and heavy metal in the 1980s, a period where the genres enjoyed their highest degree of popularity. *Fall, Spring*

MUL 3400 - Piano Literature I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2
 Prerequisite(s): Major in Music or C.I. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Survey of stringed keyboard literature from the 16th century to the present, with emphasis on technical, formal and performance problems.

CAH-MUSIC

MUL 3401 - Piano Literature II

Credit Hours: 2
 Class Hours: 1
 Lab and Field Work Hours: 1
 Contact Hours: 2
 Prerequisite(s): MUL 3400.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MUL 3400.

CAH-MUSIC

MUL 3463 - Percussion Literature

Credit Hours: 2
 Class Hours: 2
 Lab and Field Work Hours: 0
 Contact Hours: 2
 Prerequisite(s): Music major (Percussion), Junior standing, C.I.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Survey of music written for percussion instruments.

CAH-MUSIC

MUL 3602 - Song Literature

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MUL 2014 or C.I.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Classical song repertoire in English and common foreign languages, and proven methods of effective song study.

CAH-MUSIC

MUL 4437 - String Literature and Pedagogy

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MUL 2014.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Important literature written for string instruments, and basic concepts and techniques to teach string.

CAH-MUSIC

MUL 4438 - Guitar Literature and Pedagogy

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MVS 2426 or C.I.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of classical guitar literature, history, and pedagogy from the Renaissance to the present.

CAH-MUSIC

MUL 4443 - Brass Literature and Pedagogy

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MUL 2014.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Important literature written for brass instruments, and basic concepts and techniques to teach brass.

CAH-MUSIC

MUL 4444 - Woodwind Literature and Pedagogy

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Music major and MUL 2014. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Important literature written for woodwind instruments, and basic concepts and techniques to teach woodwinds.

CAH-MUSIC

MUL 4552 - Band Literature

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MUT 1122 and MUL 2014, or C.I. Corequisite(s): None.
 Prerequisite(s) or Corequisite(s): None.

Survey of materials for use in the public school band classroom, including beginning band methods, technique books, and musical selections appropriate for concert performance.

CAH-MUSIC

MUL 4643 - Choral Literature

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): "C" (2.0) or better in MUH 3211 and MUH 3212, or C.I.
 Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Choral music from its beginnings to the present with consideration of historical perspective; genres, styles, and performance practice, major composers, and representative works.

CAH-MUSIC

MUN 2442 - Percussion/Mallet Ensemble

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Preparation and performance of

music for percussion with mallets.

May be repeated for credit. M&S fee

\$30.00

CAH-MUSIC

MUN 3113 - Marching Band**Credit Hours: 2**

Class Hours: 0

Lab and Field Work Hours: 8

Contact Hours: 8

Prerequisite(s): Admission by

audition. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Preparation for appearance at

football games and special

occasions. May be repeated for

credit. M&S fee \$37.00

CAH-MUSIC

MUN 3123L - Concert Band**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

No audition required and open to all

majors. Study and performance of

music for large ensembles. May be

repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3133 - Symphonic Band**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 4

Contact Hours: 4

Prerequisite(s): Open to all students

by audition. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Auditioned performance ensemble

that presents multiple concerts each

semester and performs a variety of

musical literature for winds and

percussion. M&S fee \$20.00

CAH-MUSIC

MUN 3143 - Wind Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 4

Contact Hours: 4

Prerequisite(s): Open to all students

by audition. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Study and performance of music for

wind ensemble and band. May be

repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3283 - Symphony Orchestra**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 5

Contact Hours: 5

Prerequisite(s): Audition.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Open to all students by audition.

Rehearsal and performance of works

from the symphonic repertoire. May

be repeated for credit. M&S fee

\$20.00

CAH-MUSIC

MUN 3313 - University Chorus**Credit Hours: 1**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students by audition.

Study and performance of large

ensemble music. Possible tours. May

be repeated for credit. M&S fee

\$20.00

CAH-MUSIC

MUN 3323 - Women's Chorus**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): Audition and C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Study and performance of music for

women's voices. Open to all

students. May be repeated for credit.

M&S fee \$20.00

CAH-MUSIC

MUN 3343L - Chamber Singers**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

A chamber choir of advanced

singers. Open to all students by

audition. Additional rehearsals and

commitments required. May be

repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3423 - Woodwind Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students. Study and

performance of music for small

ensembles. May be repeated for

credit. M&S fee \$20.00

CAH-MUSIC

MUN 3426 - Saxophone Ensemble

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Students must pass an audition in front of the instructor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An in-depth study and performance of music written for an ensemble comprised of all saxophones. May be used in the degree program a maximum of 8 times. M&S fee \$20.00

CAH-MUSIC

MUN 3427 - Flute Ensemble**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Student must pass an audition in front of the instructor.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study and performance of music written for an ensemble comprised of all flutes. May be used in the degree program a maximum of 8 times. M&S fee \$20.00

CAH-MUSIC

MUN 3431L - Brass Quintet**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): Audition and Consent of Instructor. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Rehearsal and performance of music for brass quintet. May be used in the degree program a maximum of 4 times only when course content is different. M&S fee \$20.00

CAH-MUSIC

MUN 3433 - Brass Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students. Study and performance of music for small ensembles. May be repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3437 - Trumpet Ensemble**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Rehearsal and performance of music for trumpet ensembles. May be repeated for credit.

CAH-MUSIC

MUN 3443 - Percussion Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students. Study and performance of music for small ensembles. May be repeated for credit. M&S fee \$35.00

CAH-MUSIC

MUN 3444 - Mallet Ensemble**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Preparation and performance of

music for mallet ensemble. May be repeated for credit. M&S fee \$35.00

CAH-MUSIC

MUN 3453 - Piano Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): Open to Music

Majors or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Study and performance of music for small ensembles. May be repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3483 - String Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students. Study and performance of music for small ensembles. May be repeated for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3487 - Guitar Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): Audition or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Study and performance of music for multiple guitars. May be used in the degree program a maximum of 8 times. M&S fee \$20.00

CAH-MUSIC

MUN 3493 - New Music Ensemble

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students by audition.

Performance-oriented chamber group
focused on a diverse repertoire from
the 20th and 21st-century.

CAH-MUSIC

MUN 3713 - Jazz Ensemble**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 4

Contact Hours: 4

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Open to all students by audition.

Study and performance of music for
small ensembles. May be repeated
for credit. M&S fee \$20.00

CAH-MUSIC

MUN 3714 - Jazz Combo**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): Junior standing and

C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Rehearsal and performance of music
for small jazz combo, emphasizing
improvisation. May be repeated for
credit. M&S fee \$20.00

CAH-MUSIC

MUN 3813 - Steel Drum Ensemble**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Rehearsal and performance of music
arranged for steel drum band. May
be repeated for credit. M&S fee
\$20.00

CAH-MUSIC

MUO 2501C - Opera Skills**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Open to all students

by audition. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Integration of singing, acting, and
movement in opera; explores basic
stage movement, character
preparation, and performance of
opera arias. *Fall*

CAH-MUSIC

MUO 3503L - Opera Workshop**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): MUO 2501C, or C.I.,

and audition. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):

None.

Study, preparation, and performance
of opera literature. May be used in
the degree program a maximum of 8
times. *Occasional* M&S fee \$70.00

CAH-MUSIC

MUS 1010 - Music Forum**Credit Hours: 0**

Class Hours: 9

Lab and Field Work Hours: 2

Contact Hours: 11

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

A series of special musical events
required of music majors. Includes
lectures and recitals by faculty,
students, and guest artists. May be

repeated for credit. *Fall, Spring*
Graded S/U.

CAH-MUSIC

MUS 1250 - IPA for Singers**Credit Hours: 1**

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Music major or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

The International Phonetic Alphabet
and its application to English,
French, German, and Italian music
written for voice. *Odd Fall*

CAH-MUSIC

MUS 2360C - Introduction to Music Technology**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Music major or C.I.

Corequisite(s): None. Prerequisite(s)

or Corequisite(s): None.

Utilization of computers and
keyboards to acquire skills in MIDI
sequencing, notation, CDs, and the
Internet. *Fall, Spring*

CAH-MUSIC

MUS 3051 - Music Entrepreneurship**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MUT 1122, or

C. I.

Identification of opportunities in the
entertainment marketplace,
exploration of resources to explore
those possibilities, and committing
the necessary resources to achieve
long-term gain. *Fall*

MUS 3254 - Italian and French Lyric Diction

<p>Credit Hours: 2 Class Hours: 2 Lab and Field Work Hours: 0 Contact Hours: 2 Prerequisite(s): MUS 1250. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Study and applications of the correct sung pronunciation of the Italian and French languages. <i>Odd Spring</i></p> <p>CAH-MUSIC</p>	<p>None.</p> <p>Public recital of 30 minutes to demonstrate performance skills. May be used in the degree program a maximum of 2 times. <i>Fall, Spring</i> Graded S/U.</p> <p>CAH-MUSIC</p>	<p>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. <i>Occasional</i> Graded S/U.</p> <p>CAH-MUSIC</p>
<p>MUS 3255 - German and English Lyric Diction</p> <p>Credit Hours: 2 Class Hours: 2 Lab and Field Work Hours: 0 Contact Hours: 2 Prerequisite(s): MUS 1250. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Study and applications of the correct sung pronunciation of the German and English languages. <i>Odd Spring</i></p> <p>CAH-MUSIC</p>	<p>MUS 4320 - Music Business and Industry</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Music major, Music minor or Entertainment Management major, with a grade of "A, A-C"(2.0) or better in MUL 2010 or MUL 2720. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Today's music industry copyright, publishing, contracts and licensing. <i>Fall</i></p> <p>CAH-MUSIC</p>	<p>MUS 4905 - Directed Experience</p> <p>Credit Hours: 1-4 Class Hours: 1-4 Contact Hours: 1-4 Prerequisite(s): C.I. and Junior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Special topics of study and/or research as determined by student/faculty consultation. May be repeated for credit. <i>Occasional</i></p> <p>CAH-MUSIC</p>
<p>MUS 3684H - How Music Affects Your Brain</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): Consent of Honors</p> <p>Impact of sound and music on the brain function including mood, emotion, pain, cognition, and memory using interdisciplinary approach, the cutting-edge knowledge in neuroscience and basic analysis of music structure. <i>Spring</i></p> <p>School of Performing Arts</p>	<p>MUS 4674 - Health and Wellness for the Performing Artist</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): MUT 1121. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Focus on performing artists' health and related topics. <i>Spring</i></p> <p>CAH-MUSIC</p>	<p>MUS 4923 - Music Performance Workshop</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): PR: Successful completion of two semesters of level I applied music, or C. I.</p> <p>Individual coaching and study of the art of music performance, including mock auditions and performances. May be repeated for credit. <i>Fall, Spring, Summer</i></p>
<p>MUS 3953 - Recital Performance I</p> <p>Credit Hours: 0 Class Hours: 1 Lab and Field Work Hours: 0 Contact Hours: 1 Prerequisite(s): Junior Level Applied Music and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s):</p>	<p>MUS 4900 - Music BA Capstone Project</p> <p>Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p>	<p>MUS 4954 - Recital Performance II</p> <p>Credit Hours: 0 Class Hours: 1 Lab and Field Work Hours: 0 Contact Hours: 1 Prerequisite(s): Senior level applied music and C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.</p> <p>Public recital of 45 minutes to demonstrate performance skills. May be used in the degree program a</p>

maximum of 2 times. *Fall, Spring*
Graded S/U.

CAH-MUSIC

MUT 1004 - Fundamentals of Music I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic music theory and reading music. *Fall*

CAH-MUSIC

MUT 1121 - Music Theory and Musicianship I

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): MUT 1004 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. *Odd Spring*

CAH-MUSIC

MUT 1122 - Music Theory and Musicianship II

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): MUT 1121 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MUT 1121. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. *Odd Spring*

CAH-MUSIC

MUT 2126 - Music Theory and Musicianship III

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): MUT 1122 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MUT 1122. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. *Odd Spring*

CAH-MUSIC

MUT 2127 - Music Theory and Musicianship IV

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): MUT 2126 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MUT 2126. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation. *Odd Spring*

CAH-MUSIC

MUT 3170 - Jazz Theory I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUT 1122 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of theoretical concepts in jazz music, including practical keyboard applications. *Even Fall*

CAH-MUSIC

MUT 3171 - Jazz Theory II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): MUT 3170 with a grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced study of theoretical concepts in jazz music, including practical keyboard applications. *Odd Spring*

CAH-MUSIC

MUT 3923 - Jazz Workshop

Credit Hours: 3

Class Hours: 0
Lab and Field Work Hours: 3
Contact Hours: 3
Prerequisite(s): MUT 3171 or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Comprehensive musicianship in jazz studies. Improvisation, repertoire, leadership and collaboration, studied in the context of a jazz group. May be repeated up to four times. *Fall, Spring Fall, Spring*

CAH-MUSIC

MUT 4031 - Review of Music Theory

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A comprehensive review of harmonic and analytic skills. May be repeated for credit. *Occasional*

CAH-MUSIC

MUT 4311 - Orchestration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUS 2360C and
MUT 2127 with a grade of "C" (2.0)
or better. Corequisite(s): None.Prerequisite(s) or Corequisite(s):
None.Technical and aesthetic principles of
writing for instruments of the concert
orchestra. *Odd Spring*

CAH-MUSIC

MUT 4401 - Counterpoint**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUT 2127 with a
grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Counterpoint in Western music from
the 16th to the 20th Centuries. *Even
Spring*

CAH-MUSIC

**MUT 4571 - Analysis of
Twentieth-Century Music****Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MUT 2127 with a
grade of "C" (2.0) or better.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.Techniques of analysis for various
styles of twentieth-century music.
Odd Fall

CAH-MUSIC

MVB 1211 - Secondary Trumpet**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performingensemble. Prerequisite(s) or
Corequisite(s): None.Advanced instruction in trumpet.
Intended for non-music majors. May
be repeated for credit. *Fall, Spring*

CAH-MUSIC

**MVB 1212 - Secondary French
Horn****Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performing
ensemble. Prerequisite(s) or
Corequisite(s): None.Advanced instruction in French
Horn. Intended for non-music
majors. May be repeated for credit.
Fall, Spring

CAH-MUSIC

MVB 1213 - Secondary Trombone**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performing
ensemble. Prerequisite(s) or
Corequisite(s): None.Advanced instruction in trombone.
Intended for non-music majors. May
be repeated for credit. *Fall, Spring*

CAH-MUSIC

**MVB 1214 - Secondary
Euphonium****Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performing
ensemble. Prerequisite(s) or
Corequisite(s): None.Advanced instruction in euphonium.
Intended for non-music majors. Maybe repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 1215 - Secondary Tuba**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performing
ensemble. Prerequisite(s) or
Corequisite(s): None.Advanced instruction in tuba.
Intended for non-music majors. May
be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 1411 - Trumpet I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or
consent of chair; audition.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.May be repeated for credit. *Fall,
Spring*

CAH-MUSIC

MVB 1412 - French Horn I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or
consent of chair; audition.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.May be repeated for credit. *Fall,
Spring*

CAH-MUSIC

MVB 1413 - Trombone I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2
Prerequisite(s): Major in music or consent of chair; audition.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 1414 - Euphonium I

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): Major in music or consent of chair; audition.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 1415 - Tuba I

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): Major in music or consent of chair; audition.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Even Fall, Spring*

CAH-MUSIC

MVB 2421 - Trumpet II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 1411 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of MVB 1411. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 2422 - French Horn II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 1412 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of MVB 1412. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 2423 - Trombone II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 1413 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of MVB 1413. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 2424 - Euphonium II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 1414 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of MVB 1414. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 2425 - Tuba II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 1415 and competence determined by faculty

jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continuation of MVB 1415. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVB 3431 - Trumpet III

Credit Hours: 2-3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 2421.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the trumpet, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 3432 - French Horn III

Credit Hours: 2-3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 2422 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the French horn, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 3433 - Trombone III

Credit Hours: 2-3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVB 2423 and competence determined by faculty jury. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

None.

Continued study of performance skills of the trombone, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 3434 - Euphonium III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 2424 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the euphonium, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 3435 - Tuba III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 2425 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the tuba, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 4441 - Trumpet IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 3431.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the trumpet, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 4442 - French Horn IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 3432 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the French horn, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 4443 - Trombone IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 3433 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the trombone, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 4444 - Euphonium IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 3434 and

competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the euphonium, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVB 4445 - Tuba IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVB 3435 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the tuba, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVJ 1010 - Jazz Piano I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Music major or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Scale studies, arpeggios, chord voicings, and other techniques included in fundamentals of jazz piano skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 1213 - Jazz Guitar I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Music major or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Scales, arpeggios, chord voicings, and other techniques included in fundamentals of jazz guitar skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 1214 - Jazz Bass I

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): Music major or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 1219 - Jazz Drum Set I

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): Music major or C.I.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Basic Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 2220 - Jazz Piano II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 1010.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 1010. Scale Studies, arpeggios, chord voicings,

and other techniques included in progressive jazz piano skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 2223 - Jazz Guitar II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 1213.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 1213. Scales, arpeggios, chord voicings and other techniques included in progressive jazz guitar skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 2224 - Jazz Bass II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 1214.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 1214. Progressive Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 2229 - Jazz Drum Set II

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 1219.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 1219. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage.

May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 3230 - Jazz Piano III

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 2220.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 2220. Scale studies, arpeggios, chord voicings, and other techniques included in progressive jazz piano skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 3233 - Jazz Guitar III

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 2223.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 2223. Scales, arpeggios, chord voicings and other techniques included in progressive jazz guitar skills. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 3234 - Jazz Bass III

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 2224.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVJ 2224. Progressive Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage. May be used in the degree program a maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 3339 - Jazz Drum Set III

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 2229.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVJ 2229.
Progressive Jazz Drum Set skills,
including sound concept, technique,
literature, style, history, and heritage.
May be used in the degree program a
maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 4240 - Jazz Piano IV

Credit Hours: 4

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 3230.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVJ 3230. Scale
studies, arpeggios, chord voicings,
and other techniques included in
advanced jazz piano skills. May be
used in the degree program a
maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 4243 - Jazz Guitar IV

Credit Hours: 4

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 3233.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVJ 3233. Scales,
arpeggios, chord voicings, and other
techniques included in advanced jazz
guitar skills. May be used in the
degree program a maximum of 3
times. *Odd Spring*

CAH-MUSIC

MVJ 4244 - Jazz Bass IV

Credit Hours: 4

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 3234.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVJ 3234.
Advanced Jazz Bass skills, including
sound concept, technique, literature,
style, history, and heritage. May be
used in the degree program a
maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVJ 4349 - Jazz Drum Set IV

Credit Hours: 4

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): MVJ 3339.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVJ 3339.
Progressive Jazz Drum Set skills,
including sound concept, technique,
literature, style, history, and heritage.
May be used in the degree program a
maximum of 3 times. *Odd Spring*

CAH-MUSIC

MVK 1111 - Class Piano I

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 2
Contact Hours: 2
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Class instruction for beginning piano
students. Not open to music majors
whose major performing medium is
piano. *Fall, Spring*

CAH-MUSIC

MVK 1112 - Class Piano II

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): MVK 1111 with
grade of "C" (2.0) or better or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVK 1111. Music
majors only; not open to music
majors whose major performing
medium is piano. *Fall, Spring*

CAH-MUSIC

MVK 1211 - Secondary Piano

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 1
Contact Hours: 1
Prerequisite(s): Consent of Music
Chair. Corequisite(s): Performing
ensemble. Prerequisite(s) or
Corequisite(s): None.

Advanced instruction in piano.
Intended for non-music majors. May
be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVK 1411 - Piano I

Credit Hours: 2

Class Hours: 1
Lab and Field Work Hours: 1
Contact Hours: 2
Prerequisite(s): Major in music or
consent of chairperson; audition.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

May be repeated for credit. *Fall,
Spring*

CAH-MUSIC

MVK 2121 - Class Piano III

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 2
Contact Hours: 2
Prerequisite(s): MVK 1112 with
grade of "C" (2.0) or better or C.I.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of MVK 1112. Music

majors only; not open to music majors whose major instrument is piano. *Fall, Spring*

CAH-MUSIC

MVK 2122 - Class Piano IV

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): MVK 2121 with grade of "C" (2.0) or better or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of MVK 2121. Music majors only; not open to music majors whose major instrument is piano. *Fall, Spring*

CAH-MUSIC

MVK 2421 - Piano II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVK 1411 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVK 1411. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVK 3431 - Piano III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVK 2421 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the piano, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVK 4441 - Piano IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVK 3431 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the piano, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVK 4640 - Piano Pedagogy I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): MVK 1411 or C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Methods, materials for teaching individuals and classes of children and adults beginning to intermediate levels; demonstration and observation of procedures. May be used in the degree program a maximum of 2 times. *Even Fall*

CAH-MUSIC

MVP 1211 - Secondary Percussion

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in percussion. Intended for non-music majors. May be repeated for credit. *Occasional* M&S fee \$35.00

CAH-MUSIC

MVP 1411 - Percussion I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring* M&S fee \$35.00

CAH-MUSIC

MVP 2421 - Percussion II:

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVK 1411 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVK 1411. May be repeated for credit. *Fall, Spring* M&S fee \$35.00

CAH-MUSIC

MVP 3431 - Percussion III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVP 2421 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of percussion, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring* M&S fee \$35.00

CAH-MUSIC

MVP 3630 - Percussion Pedagogy

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Music major, C.I.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Teaching methods and materials for percussion students and groups. *Fall, Spring*

CAH-MUSIC

MVP 4441 - Percussion IV**Credit Hours: 4**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVP 3431 and competence determined by faculty jury. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of percussion for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring* M&S fee \$35.00

CAH-MUSIC

MVS 1211 - Secondary Violin**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in violin. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1212 - Secondary Viola**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing

ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in viola. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1213 - Secondary Cello**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in cello. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1214 - Secondary Bass**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in bass. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1216 - Secondary Guitar**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in guitar. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1411 - Violin I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1412 - Viola I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1413 - Cello I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1414 - Bass I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1415 - Harp I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 1416 - Guitar I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2421 - Violin II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1411 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1411. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2422 - Viola II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1412 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1412. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2423 - Cello II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1413 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1413. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2424 - Bass II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1414 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1414. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2425 - Harp II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1415 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1415. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 2426 - Guitar II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 1416 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVS 1416. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVS 3431 - Violin III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2421 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the violin, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 3432 - Viola III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2422 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the viola, with additional intensive work expected for performance majors. May be used in

the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 3433 - Cello III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2423 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the cello, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 3434 - Bass III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2424 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the string bass, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 3435 - Harp III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2425 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the harp, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 3436 - Guitar III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 2426 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the guitar, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 4346 - Guitar IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3436 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the guitar, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 4441 - Violin IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3431 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the violin, for performance majors. May be used in the degree program a maximum of 3 times.

Fall, Spring

CAH-MUSIC

MVS 4442 - Viola IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3432 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the viola, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 4443 - Cello IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3433 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the cello, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 4444 - Bass IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3434 and competence determined by faculty

jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the string bass, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVS 4445 - Harp IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVS 3435 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the harp, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVV 1411 - Voice I

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVV 1873 - Secondary Voice

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in voice.

Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVV 2421 - Voice II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVV 1411 and competence determined by faculty jury. Corequisite(s): MUS 1250.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVV 1411. Major in music or consent of chair; audition. Private and class lessons. May be repeated for credit 2 times. *Fall, Spring*

CAH-MUSIC

MVV 3431 - Voice III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVV 2421 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the voice, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVV 4441 - Voice IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVV 3431 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the voice, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVV 4640 - Voice Pedagogy

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Vocal function, anatomy, and pedagogical methodology as applied to the voice teacher and performer. *Odd Spring*

CAH-MUSIC

MVW 1211 - Secondary Flute

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in flute. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1212 - Secondary Oboe

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in oboe. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1213 - Secondary Clarinet**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in clarinet. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1214 - Secondary Bassoon**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in bassoon. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1215 - Secondary Saxophone**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): Consent of Music Chair. Corequisite(s): Performing ensemble. Prerequisite(s) or Corequisite(s): None.

Advanced instruction in saxophone. Intended for non-music majors. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1411 - Flute I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or

consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1412 - Oboe I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1413 - Clarinet I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 1414 - Bassoon I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring* M&S fee \$20.00

CAH-MUSIC

MVW 1415 - Saxophone I**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): Major in music or consent of chair; audition.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 2421 - Flute II**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 1411 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVW 1411. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 2422 - Oboe II**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 1412 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVW 1412. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 2423 - Clarinet II**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 1413 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVW 1413. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 2424 - Bassoon II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 1414 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVW 1414. May be repeated for credit. *Fall, Spring*
M&S fee \$20.00

CAH-MUSIC

MVW 2425 - Saxophone II

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 1415 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continuation of MVW 1415. May be repeated for credit. *Fall, Spring*

CAH-MUSIC

MVW 3431 - Flute III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 2421 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the flute, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 3432 - Oboe III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 2422 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the oboe, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 3433 - Clarinet III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 2423 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 3434 - Bassoon III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 2424 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the bassoon, with additional

intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 3435 - Saxophone III

Credit Hours: 2-3

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 2425 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Continued study of performance skills of the saxophone, with additional intensive work expected for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 4441 - Flute IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 3431 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the flute, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 4442 - Oboe IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 3432 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the oboe, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 4443 - Clarinet IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 3433 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive performance study of the clarinet, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 4444 - Bassoon IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 3434 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the bassoon, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

MVW 4445 - Saxophone IV

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): MVW 3435 and competence determined by faculty jury. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Intensive advanced performance study of the saxophone, for performance majors. May be used in the degree program a maximum of 3 times. *Fall, Spring*

CAH-MUSIC

NSP 1800 - Nursing as a Profession

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None.

Professional nursing roles in contemporary society covering a range of topics using discourse methodology that forms a foundation for nursing and health care. *Fall, Spring*

CON-NURS

NSP 4335 - Nursing Care of the High-Risk Newborn

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program; successful completion of NUR 3445 & NUR 3445L, or C.I. for RN-BSN students.

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. *Occasional*

CON-NURS

NSP 4425 - Women's Health Issues

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing or C.I.

Factors and conditions impacting the health of women. May be repeated

for credit. *Occasional*

CON-NURS

NSP 4495 - Emergency Department Nursing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

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. *Occasional*

CON-NURS

NSP 4550 - Family and Interpersonal Violence: Perspectives for Nurses

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to a BSN program or C.I.

Family and interpersonal violence education to increase effective nursing responses including: history, categories, cycles, laws, intervention, nursing resources, protocols and resources. *Occasional*

CON-NURS

NSP 4685 - Death & Dying: Nursing Considerations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN Program or C.I.

An in-depth look at issues

encountered in nursing practice related to the process of death, dying, and end of life. *Occasional*

CON-NURS

NSP 4695 - Forensic Nursing Principles and Practice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Forensic Nursing principles and practices applied to a variety of settings; an examination of the scope of practice of forensic nursing. *Occasional*

CON-NURS

NUR 3028 - Essentials of Nursing Practice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 3028L; NUR 3065 and NUR 3065L.

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. *Fall, Spring*

CON-NURS

NUR 3028L - Essentials of Nursing Practice Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 3028; NUR 3065 and NUR 3065L.

Lab to learn and apply scientific and evidence-based principles as they relate to technical psychomotor nursing skills. *Fall, Spring* M&S fee

\$30.00 Graded S/U.

Department of Nursing Practice

NUR 3065 - Health Assessment

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None.

Concepts of health assessment of clients. *Fall, Spring*

CON-NURS

NUR 3065L - Health Assessment Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): NUR 3065 and Admission to BSN program, or C.I.

Clinical application of concepts and techniques of health assessment of clients *Fall, Spring* M&S fee \$16.00

CON-NURS

NUR 3125 - Pathophysiology for Nursing Practice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program.

Concepts and nursing care applications of the pathophysiological basis of illness. *Fall, Spring*

CON-NURS

NUR 3145 - Pharmacology for Nursing Practice

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 3225 and NUR 3225L

Principles of pharmacology and application to nursing practice. *Fall, Spring*

CON-NURS

NUR 3165 - Nursing Research

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program and successful completion of first semester or C.I.

Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting nursing research for nursing practice. *Fall, Spring*

CON-NURS

NUR 3165H - Honors Nursing Research

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of honors Admission to BSN program and successful completion of first semester or C.I.

Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting research for nursing practice. With Honors content. *Occasional*

CON-NURS

NUR 3167 - Accelerated Nursing Research Seminar

Credit Hours: 1

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Admission to BSN program; previous undergraduate or graduate research course with

approval from the CON; or C.I.

Accelerated study of systematic approaches to problematic situations in nursing. Selected experiences in investigating, analyzing, and interpreting nursing research and nursing issues. *Spring*

CON-NURS

NUR 3225 - Nursing Care of the Adult I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Integrate biopsychosocial models of nursing practice for individuals and families experiencing health risks, short-term illness or chronic health problems. *Fall, Spring*

CON-NURS

NUR 3225L - Nursing Care of the Adult I: Clinical Practice:

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): 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.

Clinical experience applying biopsychosocial models of nursing practice for clients experiencing health risks, short-term illness, or chronic health problems. *Fall, Spring*
M&S fee \$40.00 Graded S/U.

CON-NURS

NUR 3445 - Nursing Care of Families

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): 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.

Concepts of family nursing as they relate to health promotion, maintenance and illness management for childbearing and childbearing families. *Fall, Spring*

CON-NURS

NUR 3445L - Nursing Care of Families Clinical

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): 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.

Nursing practice to address health promotion, maintenance and illness management needs of childbearing and childbearing families. *Fall* M&S fee \$20.00 Graded S/U.

CON-NURS

NUR 3616 - Health Promotion Across the Lifespan

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Admission to BSN program and Corequisite(s): NUR 3616L.

The concepts of health promotion and prevention for individuals and families living in the community across the lifespan. *Fall, Spring*

CON-NURS

NUR 3616L - Health Promotion Across the Lifespan Clinical

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Admission to BSN program and Corequisite(s): NUR 3616.

Clinical concepts of community health nursing focusing on community as client and levels of prevention across the lifespan. *Fall, Spring*

CON-NURS

NUR 3634 - Community Health Nursing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 3634L.

Concepts of community health nursing focusing on community as client and levels of prevention across the lifespan. *Occasional*

CON-NURS

NUR 3634L - Community Health Nursing Clinical

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 3634.

Clinical concepts of community health nursing focusing on community as client, and levels of prevention across the lifespan. *Occasional* M&S fee \$55.00 Graded S/U.

CON-NURS

NUR 3755L - Essentials of Nursing Practice Clinical

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): Admission to BSN Program. Corequisite(s): NUR 3028 and NUR 3028L; NUR 3065 and NUR 3065L.

Application of the nursing process, scientific and evidence-based principles in the nursing care of clients in long-term care. *Fall, Spring* M&S fee \$20.00 Graded S/U.

CON-NURS

NUR 3795 - Principles of Oncology Nursing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Basic principles and concepts in oncology. Focus on cancer as it affects individuals and families. Emphasis on cancer treatment, symptoms management and psychosocial response. *Occasional*

CON-NURS

NUR 3805 - Dimensions of Professional Nursing Practice**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Theoretical bases of professional nursing practice for RN to BSN students. *Fall, Spring*

CON-NURS

NUR 3806 - Professional Socialization Seminar**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Admission to BSN program or C.I.

Application of library utilization and professional writing skills, critical thinking and stress management principles to the beginning role of the professional nurse. *Fall, Spring*

CON-NURS

NUR 3816 - Professional Nurse Seminar**Credit Hours: 1**

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): Admission to the BSN program. Corequisite(s): NUR 3225.

The role and function of the professional nurse including professional standards, ethics, and legal and practice issues. *Fall, Spring*

CON-NURS

NUR 3825 - The Role of the Professional Nurse**Credit Hours: 2**

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Admission to BSN program.

Examination of the role and function of the professional nurse, including professional standards, legal and practice issues. *Occasional*

CON-NURS

NUR 3825H - Honors The Role of the Professional Nurse**Credit Hours: 2**

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): Admission to BSN program. Permission of honors.

Role and function of the professional nurse, including professional

standards, legal, and practice issues with honors content. *Occasional*

CON-NURS

NUR 3826 - Bioethics in Nursing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PSY 2012, SYG 2000, or PHI 2010, or C.I.

An examination of human values and bioethical questions arising in health care as they relate to nursing. *Occasional*

CON-NURS

NUR 3826H - Honors Bioethical and Legal Issues in Health Care**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors.

Includes questions concerning human values, legal and ethical questions arising in health care delivery policy issues and professional practice among licensed health care professionals. *Occasional*

CON-NURS

NUR 3936 - International Perspectives of Nursing and Health Care**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Admission to BSN program or C.I.

Comparative analysis of professional nursing practice and health care systems in the United States and selected countries. May be repeated for credit. *Occasional*

CON-NURS

NUR 4177 - Holistic Nursing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Explore lived experience of health-wellness, illness/disease focusing on mind-body-spirit, transpersonal healing and complementary interventions to maximize nursing care outcomes. *Occasional*

CON-NURS

NUR 4178 - Complementary Therapies: Options for Integrative Nursing Practice**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior or senior undergraduate standing in nursing, or C.I.

History, principles, techniques, outcomes, and research of complementary and integrative health. Concepts of wellness, healing and integrative practice from nursing and consumer perspectives. *Occasional*

CON-NURS

NUR 4197 - Genetics and Genomics in Nursing Practice**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

The application of genetics and genomic principles to clinical nursing practice. *Occasional*

CON-NURS

NUR 4227 - Nursing Care of the Adult II**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): Admission to the BSN program, successful completion of the first two semesters in the nursing curriculum. Corequisite(s): NUR 4227L, or C.I.

Nursing care of clients and their families experiencing acute, unstable, or life-threatening health problems. *Fall, Spring*

CON-NURS

NUR 4227L - Nursing Care of the Adult II: Clinical Practice**Credit Hours: 3**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): Admission to BSN program; successful completion of the first three semesters in the nursing curriculum. Corequisite(s): NUR 4227, or C.I.

Clinical practice in acute health care settings with clients experiencing acute, unstable, surgical, or life-threatening health conditions. *Fall, Spring* Graded S/U.

CON-NURS

NUR 4257 - Introduction to Critical Care Nursing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program and successful completion of NUR 4227 and NUR 4227L or C.I.

Theories and principles of comprehensive nursing care of individuals and families in critical care settings. *Fall, Spring*

CON-NURS

NUR 4286 - Gerontologic Nursing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Theories and principles related to the promotion, maintenance, and restoration of health in older adults in various settings. *Occasional*

CON-NURS

NUR 4340 - Obesity in Children and Adolescents: Nursing Management**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Examines multiple factors that predispose children and adolescents to obesity; explores nursing management and public health and policy strategies for prevention and treatment. *Occasional*

CON-NURS

NUR 4493 - Perinatal Loss and Grief: Nursing Interventions**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN Program or C.I.

Nursing interventions for individuals and families experiencing perinatal loss and grief. *Occasional*

CON-NURS

NUR 4516 - Crisis Intervention**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Completion of PSY 2012, SYG 2000 or ANT 2000.

Crisis theory and techniques; recognition and intervention in crisis events. Applicable to all areas of nursing and all helping professions. *Occasional*

CON-NURS

NUR 4535 - Psychiatric Mental Health Nursing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 4535L.

Nursing in the promotion of mental health and the prevention, treatment, and rehabilitation of mental illness. *Fall, Spring*

CON-NURS

NUR 4535L - Psychiatric Mental Health Clinical

Credit Hours: 2

Class Hours: 0
Lab and Field Work Hours: 6
Contact Hours: 6
Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 4535.

Clinical Application of Nursing interventions in the promotion of mental health and the prevention, treatment and rehabilitation of mental illness. *Fall, Spring* Graded S/U.

CON-NURS

NUR 4604L - Practicum in Community and Public Health Nursing for RNs

Credit Hours: 4

Class Hours: 0
Lab and Field Work Hours: 12
Contact Hours: 12
Prerequisite(s): Admission to BSN program.

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. *Fall, Spring*

CON-NURS

NUR 4637 - Public and Community Health Nursing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to the BSN program.

Concepts of public health nursing focusing on population-based health care delivery systems. *Fall, Spring*

CON-NURS

NUR 4637L - Public Health Nursing Clinical

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 3
Contact Hours: 3
Prerequisite(s): Admission to the BSN program. Corequisite(s): NUR 4637.

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. *Fall, Spring* Graded S/U.

CON-NURS

NUR 4675 - Issues in Rural Health Care

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to BSN program or C.I.

The rural environment and appropriate health care services and programs for rural populations. *Occasional*

CON-NURS

NUR 4760 - Principles of Pain Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to BSN program or C.I.

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. *Occasional*

CON-NURS

NUR 4765 - Rehabilitation Nursing: Principles and Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to BSN program or C.I.

Rehabilitation principles are the practices that may be incorporated into any healthcare setting and applied to clients of all age groups. *Occasional*

CON-NURS

NUR 4828 - Nursing Leadership, Management and Role Transition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to BSN program or C.I.

Professional development and role transition of baccalaureate graduates entering professional nursing practice focusing on principles of leadership and management applied to health care settings. *Fall, Spring*

CON-NURS

NUR 4828H - Honors Leadership, Management and Role Transition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the BSN program; admission to the Honors or Honors in the major program or C.I.

Application of leadership and management principles to the beginning role of the professional nurse with honors content. *Spring*

CON-NURS

**NUR 4829 - Accelerated
Transitioning into Professional
Practice as a Leader**
Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program. Corequisite(s): NUR 4945L or C.I.

Application of leadership and management principles to the beginning role of the professional nurse. *Occasional*

CON-NURS

**NUR 4837 - Health Care Issues,
Policy, and Economics**
Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to BSN program or C.I.

Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services to populations in the community *Fall, Spring*

CON-NURS

**NUR 4837H - Honors Health Care
Issues, Policy, and Economics**
Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors; Admission to BSN program; or C.I.

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. *Occasional*

CON-NURS

**NUR 4903H - Honors Directed
Readings I**
Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Permission of Honors and admission to major.

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. *Fall, Spring, Summer* Graded S/U or Letter grade.

NUR 4906 - Independent Study**Credit Hours: VAR**

Class Hours: VAR

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None.

Directed Study. May be repeated for credit. *Occasional* Graded S/U or Letter grade.

CON-NURS

**NUR 4907H - Honors Directed
Reading/Research**
Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors and admission to major.

The student will review and synthesize literature on a selected topic in preparation for the Honors Thesis or Project. *Occasional*

Graded S/U or Letter grade.

CON-NURS

**NUR 4942L - Nursing Practicum
for International Students**
Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): C.I.

In-depth study of clinical nursing practice for international students. May be used in the degree program a maximum of 2 times. *Occasional* Graded S/U.

CON-NURS

NUR 4945L - Nursing Practicum**Credit Hours: 4**

Class Hours: 0

Lab and Field Work Hours: 4

Contact Hours: 4

Prerequisite(s): Admission to the BSN program and successful completion of all previous clinical courses on plan of study; or C.I.

Designed to enhance student's knowledge and expertise in an area of nursing practice chosen by the student and school of nursing faculty. *Spring* Graded S/U.

CON-NURS

NUR 4970H - Honors Thesis I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Permission of Honors and admission to major. NUR 4903H

Student will work closely with his or her thesis chair to develop the Honors in the Major thesis. Graded S/U or Letter grade. *Fall, Spring, Summer* Graded S/U or Letter grade.

**NUR 4971H - Honors Thesis or
Project Works**

Credit Hours: 1-3

Class Hours: 1-3

Lab and Field Work Hours: 0

Contact Hours: 1-3

Prerequisite(s): Permission of Honors.

Faculty mentoring through the process of writing and defending the Honors Thesis or Project. May be taken the second time for 1-3 credit hours. May be used in the degree program a maximum of 2 times.
Occasional

CON-NURS

OCE 3008 - Oceanography**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2045C and CHM 2046, and a "C" (2.0) or better in BSC 2010C.

Biological, physical and chemical oceanography. *Occasional*

COS-BIOL

OSE 3043 - Analytical Methods for Optics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MAP 2302

Applications-oriented course on analytical concepts prevalent in optics and engineering integrating Matlab as a computational support tool. *Spring*

OSE 3052 - Foundations of Photonics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): Grades of "C" (2.0) or better in PHY 2049C and MAP 2302.

Wave equations. Superposition of waves. Interference and diffraction. Coherence. LEDs and lasers. Detectors. *Fall, Spring*

College of Optics and Photonics

OSE 3052L - Foundations of Photonics Laboratory**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): MAP

2302 Prerequisite(s) or

Corequisite(s): OSE 3052

The laboratory experiments covering fundamental photonics principles related to light sources, dispersion of light, interference and diffraction of light, and other optical phenomena.
Fall, Spring M&S fee \$15.00

OPT-OPT

OSE 3053 - Electromagnetic Waves for Photonics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s) or Corequisite(s): OSE 3052.

Electromagnetic theory of light. Fresnel reflection and refraction. Polarization and crystal optics. Metallic and dielectric waveguides.
Spring

OPT-OPT

OSE 3200 - Geometric Optics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PHY 2049C

Fundamentals of geometrical optics. Geometrical theory of image formation. Chromatic and monochromatic aberrations. Optical systems. *Fall, Spring*

College of Optics and Photonics

OSE 3200L - Geometric Optics Lab**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s): OSE 3200

Light as rays. Reflection, refraction, transmission. Lenses, mirrors, prisms. Image formation, beam manipulation. Measure and characterize optical systems including telescopes, cameras, and microscopes. *Fall, Spring*

OSE 3490 - Nanophotonics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2049C or C.I.

Optical/photonic processes on nano scale and interactions with elements of physics & engineering.
Occasional

OPT-OPT

OSE 4240 - Introduction to Optical Design**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): OSE3200 and OSE 3052.

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. *Spring*

College of Optics and Photonics

OSE 4410 - Optoelectronics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (OSE 3052 and EEE 3350) or (PHY 3722C and PHZ 4404)

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.

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OSE 4410L - Optoelectronics Laboratory**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s): OSE 4410.

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. *Spring* M&S fee \$18.00

OPT-OPT

OSE 4470 - Fiber-Optic Communications**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3552C and OSE 3052

Introduction to the principles and design of fiber-optic communication systems including the integrated-optic and optoelectronic devices used in transmitters and receivers. *Fall*

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OSE 4470L - Fiber-Optic Communications Laboratory**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s): OSE 4470.

Laboratory experiments covering the optical fiber as a communication channel, couplers, transmitters and receivers using optoelectronic devices, multiplexing, and overall systems performance. *Fall* M&S fee \$16.00

OPT-OPT

OSE 4520 - Laser Engineering**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): OSE 3052 or PHY 4424 or EEL 4440C.

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. *Spring*

OPT-OPT

OSE 4520L - Laser Engineering Laboratory**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s): OSE 4520.

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. *Spring* M&S fee \$15.00

OPT-OPT

OSE 4720 - Visual Optics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): OSE 3052.

Optics of the human eye and color vision. Optical and neural processing of spatial, temporal, and color information. Detection, discrimination, and recognition. Color science. *Spring*

OPT-OPT

OSE 4721 - Biophotonics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): OSE 3052 or PHY 4424 or EEL 4440

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. *Fall*

College of Optics and Photonics

OSE 4830 - Imaging and Display**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EEL 3123C, OSE 3052.

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. *Fall*

OPT-OPT

OSE 4830L - Imaging and Display Laboratory**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s):
OSE 4830.

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. *Fall* M&S fee \$14.00

OPT-OPT

OSE 4912 - Directed Independent Research

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): PR: Instructor Consent

Introduction to research methods in optics and photonics. Available for students who wish to conduct related research with faculty in CREOL. May be repeated for credit.
Occasional Graded S/U.

OSE 4930 - Frontiers of Optics and Photonics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): OSE 3052 or PHY 4424 or EEL 4440C, Senior Standing.

Introduction to recent advances in optics & photonics, to ethical issues, and to effective communication appropriate to the field of optics & photonics. *Fall*

OPT-OPT

OSE 4951 - Senior Design I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): OSE 3200, OSE 3053, and OSE 4410, Department Consent Prerequisite(s) or

Corequisite(s): OSE 4520 and OSE 4470

Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II. *Fall, Spring*

College of Optics and Photonics

OSE 4952 - Senior Design II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): OSE 4951.

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. *Fall, Spring*

OPT-OPT

OSE 4953 - Senior Design Double Major ECE

Credit Hours: VAR

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): OSE 4410, OSE3053, and Departmental approval Corequisite(s): EEL 4914C Prerequisite(s) or Corequisite(s): OSE 4520, OSE 4470

Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II. *2 Fall, Spring*

College of Optics and Photonics

PAD 3003 - Public Administration in American Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s) or Corequisite(s): "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.

An examination of the basic environment, culture, and organization of public administration in the United States. *Fall, Spring*

School of Public Administration

PAD 3040 - Ethics and Values in Public Administration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing; and Public Administration major or declared Leadership Studies Certificate or declared Leadership Studies minor; or C.I.

Ethical dimensions of public administration. Develops the awareness, skills, and value framework to act ethically.
Occasional

HPA-PUB

PAD 3330 - Urban and Regional Planning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing; and Public Administration major, or Urban and Regional Planning minor, or Interdisciplinary Studies Environmental Studies Track major, or Environmental Studies minor; or C.I.

Planning topics such as landuse, and comprehensive and urban planning

as they relate to the physical aspects of the natural and human environment. *Fall, Spring*

HPA-PUB

PAD 3733 - Professional Administrative Writing in the Public Sector

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C-" or better in ENC 1102; Sophomore standing, Public Administration major or Public Administration minor, or Nonprofit Management Major or Minor, or Emergency Management Major, or Emergency Management & Homeland Security Minor, or C.I.

Professional and technical writing for the field of public administration. *Fall, Spring*

School of Public Administration

PAD 3930 - Nonprofit Leadership Seminar

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Prerequisite(s) or Corequisite(s): 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.

Discussion and activity based course exploring nonprofit competencies to prepare students for management and leadership positions in nonprofit organizations. Service learning activities included. *Fall, Spring*

School of Public Administration

PAD 4034 - The Administration of Public Policy

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, and either a Public Administration major with a "C-" or better in PAD 3003 and PAD 3733 and in all PAD common program prerequisites courses, or Public Administration minor with a "C-" or better in PAD 3003 and PAD 3733, or C.I.

Problems of values, interests, and objectives and their impact on the administration of public programs, stressing the interplay between social values, policies and administration. *Fall, Spring*

School of Public Administration

PAD 4104 - Administrative Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, and either a Public Administration major with a "C-" or better in PAD 3733, or Public Administration minor with a "C-" or better in PAD 3733, or Nonprofit Management major with a "C-" or better in PAD 3733 or Leadership Studies minor or certificate, Applied Science, A.S. to B.A.S. or C.I.

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. *Fall, Spring*

School of Public Administration

PAD 4131 - Public Sector Project Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing.

Various approaches to managing projects, including using scheduling techniques such as GANTT, CPM, and PERT, as well as team building, facilitating, and leadership skills. *Occasional*

HPA-PUB

PAD 4144 - Nonprofit Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and declared Nonprofit Major or Minor, or Performing Arts Management minor, or C.I.

The operations of nonprofit organizations, including working with board of directors, volunteer services, fund-raising and grantsmanship, financial management and marketing. *Fall, Spring*

School of Public Administration

PAD 4147 - Resource Development in the Nonprofit Sector

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, and Nonprofit Management major or Nonprofit Management minor, or Performing Arts Administration minor, or C.I.

Examination of the development and management of human resources and financial resource development in nonprofit organizations is discussed. *Fall*

School of Public Administration

PAD 4148 - Volunteer Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): Junior standing, and Nonprofit Management major or Nonprofit Management minor, or Performing Arts Administration minor, or C.I.

Examination of recruitment, selection, training and management of volunteers in nonprofit organizations and the application of management theory. *Spring*

School of Public Administration

PAD 4153 - Planning and Improvement for Public Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Public Administration major or Nonprofit Management minor or certificate, or C.I.

Prepare future leaders for the changing paradigms of the public sector by providing education in a variety of quality related areas. *Fall*

HPA-PUB

PAD 4204 - Fiscal Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, and either a Public Administration major with a "C-" or better in PAD 3733 and in PAD common program prerequisites courses, or Public Administration minor with a "C-" or

better PAD 3733, or Nonprofit Management major with a "C-" or better in PAD 3733, or Nonprofit Management minor, or Emergency Management major with a "C-" or better in PAD 3733, or C.I.

Analysis of methods of securing public funds, the process of budget making, and techniques of management used in managing public funds. *Fall, Spring*

School of Public Administration

PAD 4223 - Public Budgeting: Skills and Techniques

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PAD 4204 or C.I.

Analytical skills and administrative techniques employed by public budget analysis, focusing on the process of generating and using information. *Occasional*

HPA-PUB

PAD 4253 - Community & Economic Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Public Administration major or Non Profit minor or Urban Regional Planning minor, and Junior standing, or C.I.

This course will examine local and regional economic development strategies, with an emphasis on effective policy setting and planning. *Fall*

HPA-PUB

PAD 4325 - Program Evaluation for Public and Nonprofit Organizations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): Junior standing and (declared nonprofit minor or declared Nonprofit Management major or Public Administration major) or C.I.

To develop an understanding of program evaluation and to apply the process by developing a program evaluation for a program. *Spring*

School of Public Administration

PAD 4331 - Land Use and Planning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Public Administration major or Urban and Regional Planning minor; or C.I.

The study of land use and planning to include zoning variances, non-conformities, development agreements, subdivision controls, redevelopment and sprawl. *Fall*

HPA-PUB

PAD 4334 - Urban Design

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Public Administration major or Urban and Regional Planning minor, or C.I.

Theories and concepts of the physical, cultural, social and financial factors associated with urban design. *Spring*

HPA-PUB

PAD 4351 - Issues in Environmental Program Management

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, and Public Administration major or Urban and Regional Planning minor, or Interdisciplinary Studies Environmental Studies Track major, or Environmental Studies minor, or Energy and Sustainability minor, or C.I.

The study of environmental policy making processes, programs, and problems through lectures, field study, and research projects. *Spring*

HPA-PUB

PAD 4371 - Community Resiliency & Sustainability

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (ENC 1102 & Sophomore Standing) or C.I.

Issues of community resiliency & sustainability specific to emergency & crisis management. Includes coverage of public policy & management, urban planning & development, and community sociology. *Occasional*

HPA-PUB

PAD 4390 - Hazard Mitigation and Preparedness

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Emergency

Management Major, or Public Administration major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

Specialized knowledge and skills necessary to develop a proactive hazard mitigation plan to reduce the effects of natural and technological disasters. *Fall*

School of Public Administration

PAD 4392 - Emergency Management and Homeland Security

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Emergency Management Major, or Public Administration major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

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. *Fall*

School of Public Administration

PAD 4395 - Disaster Response and Recovery

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and Emergency Management major, Public Administration major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

Individual, group, organizations and community behavior and recovery from disasters. Service delivery

strategies are highlighted and complex dynamics of the recovery process are emphasized. *Spring*

School of Public Administration

PAD 4414 - Human Resource Administration

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Either a Public Administration major with a "C-" or better in PAD 3003 and PAD 3733 and in all PAD common program prerequisites courses, or Public Administration minor with a "C-" or better in PAD 3003 and PAD 3733, or Nonprofit Management minor, or C.I.

The history, operating components, structural characteristics, and increasing impact of laws and related sanctions on personnel practices of public agencies. *Fall, Spring*

School of Public Administration

PAD 4446 - Multiculturalism in Public Administration

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): C- or better in ENC 1102 Corequisite(s): None. Prerequisite(s) or Corequisite(s): CCIE major or minor, and Junior standing, or C.I.

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.

Occasional

School of Public Administration

PAD 4712 - Information Systems for Public Managers and Planners

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in PAD 3733 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): Junior standing and Public Administration major, or Emergency Management major, or Emergency Management and Homeland Security minor or Urban and Regional Planning minor, or C.I.

Knowledge and skills concerning information technologies important for planners and public managers, including use of GIS to manipulate and analyze spatial data. *Spring*

School of Public Administration

PAD 4720 - Research Methods in Public Administration**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing, and either a Public Administration major with a "C-" or better in PAD 3733 and in PAD common program prerequisites courses, or Public Administration minor with a "C-" or better PAD 3733, or Nonprofit Management major with a "C-" or better in PAD 3733, or Nonprofit Management minor, or Emergency Management major with a "C-" or better in PAD 3733, or C.I. Corequisite(s): None.

Introduction to the concepts, design, methodology, computer applications, and data analysis in applied research in the public sector. *Fall, Spring*

School of Public Administration

PAD 4803 - Issues in Urban Administration**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and

Public Administration major or Urban and Regional Planning minor, or C.I.

To provide students with an understanding of public policy and administrative responses to socioeconomic problems within the urban context. *Occasional*

HPA-PUB

PAD 4822 - Intergovernmental Administration**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): C- or better in PAD 3733 Corequisite(s): None.

Prerequisite(s) or Corequisite(s): Junior standing and Public Administration major, or Emergency Management major, or Emergency Management and Homeland Security minor or Urban and Regional Planning minor, or C.I.

Various approaches to studying and explaining the American intergovernmental system. Emphasis on interorganizational activities, i.e., negotiation, cooperation, and coordination within the legal setting. *Fall*

School of Public Administration

PAD 4886 - Public Service Leadership**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Public Administration major, Senior Standing, PAD 4034, PAD 4104, and PAD 4131

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. *Fall, Spring, Summer***PAD 4933H - Planning and Policy Perspectives on Everglades Restoration****Credit Hours: 3**

Prerequisite(s): Admission into the Honors College for the first three years. C- or better in ENC 1102 Corequisite(s): None Prerequisite(s) or Corequisite(s): None

Florida Everglades ecosystem restoration program from planning, policy, and management perspective. Policy history of Central/South Florida Flood Control Project, development of Comprehensive Everglades Restoration Program. Other *Even Fall, Even Spring, Odd Fall, Odd Spring*

School of Public Administration

PAD 4941 - Public Administration Internship**Credit Hours: 3-12**

Class Hours: 0

Lab and Field Work Hours: 3-12

Contact Hours: 3-12

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing and permission by the internship coordinator in the Public Administration program.

Internship in municipal, county, state, or federal government, including assignments in such fields as personnel, planning, budget, and fiscal, procurement, and public safety. *Fall, Spring*

HPA-PUB

PAD 4942 - School of Public Administration Internship Orientation**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 15

Prerequisite(s): PAD 3733

This course is designed to equip students with the tools they will need for a smooth transition into their chosen internship. *Fall, Spring,*

Summer

School of Public Administration

PAD 4948 - Nonprofit Management Internship

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 20

Contact Hours: 20

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing; and enrollment in nonprofit minor; and

Supervised internship for students in the Nonprofit Leadership Alliance program. Requires minimum of 300 hours placement in a nonprofit human services organization. May be used in the degree program a maximum of 2 times. *Fall, Spring*

HPA-PUB

PAF 2102 - Public Affairs Careers

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction and examination of public affairs programs of study and career opportunities that will prepare students for future careers. *Fall*

HPA-HPA

PAF 4754 - Interdisciplinary Leadership in Public Affairs

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing and ENC 1101 or C.I.

Global public affairs leadership in social and economic development, social justice, transnational and interdisciplinary partnerships, and

social change. *Occasional*

HPA-PUB

PAZ 4234 - Zoo and Aquarium Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A "C" (2.0) or better in both PCB 3044 and PCB 3063, or C.I.

Conservation, propagation and exhibition of wild animals in captivity. *Occasional*

COS-BIOL

PCB 3023 - Molecular Cell Biology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2210 and a "C" (2.0) or better in both BSC 2010C and PCB 3063, or C.I.

Structure and function of eukaryotic cells including bioenergetics, protein structure and function, chromosome structure, DNA repair and recombination, membrane structure and transport, intracellular vesicle trafficking, cell signaling, apoptosis and cell cycle control and organization and functions of the cytoskeleton and extracellular matrix. *Fall, Spring*

COS-BIOL

PCB 3044 - Principles of Ecology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ((PR: CHM 2045 or CHM 2041) or CR: CHM 2041)

and a "C" (2.0) or better in both BSC 2010C and BSC 2011C.

Elements of ecosystems, biogeochemical cycling, environmental factor interactions, population dynamics, and community development. *Fall*

Department of Biology

PCB 3044H - Honors Principles of Ecology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): PCB 3044L (Honors version) Prerequisite(s) or Corequisite(s): CHM 2045 or CHM 2041, and a "C" (2.0) or better in BSC 2010C or BSC 2011C.

Elements of ecosystem ecology, biogeochemical cycling, environmental and biotic interactions, population dynamics, and community change. With Honors content *Occasional*

COS-BIOL

PCB 3044L - Honors Principles of Ecology Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): PCB 3044H - Honors Principles of Ecology (Honor Version) Prerequisite(s) or Corequisite(s): (CHM 2045 or CHM 2041) and a "C" (2.0) or better in BSC 2010C and BSC 2011C.

Elements of ecosystem ecology, biogeochemical cycling, environmental and biotic interactions, population dynamics, and community change. With Honors content *Occasional*

COS-BIOL

PCB 3044L - Principles of Ecology Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s) or Corequisite(s):
PCB 3044 or C.I.

Field and laboratory investigations of natural ecosystems, with emphasis on current methodology in ecology.
Fall

COS-BIOL

PCB 3063 - Genetics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I.

Basic principles of heredity as applied to prokaryotes and eukaryotes. *Fall, Spring*

COS-BIOL

PCB 3063H - Honors Genetics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I., and consent of Honors.

Basic principles of heredity as applied to prokaryotes and eukaryotes with honors content.
Occasional

COS-BIOL

PCB 3063L - Genetics Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to laboratory techniques of genetics. *Fall, Spring* M&S fee \$28.00

COS-BIOL

PCB 3233 - Immunology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C.

Basic principles of immune reactions, antigen antibody interactions, cell mediated immunity, tumor immunology, and immune therapy. *Fall*

COM-BSBS

PCB 3233L - Immunology Laboratory

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): PCB 3233. Prerequisite(s) or Corequisite(s): None.

Introduction to laboratory techniques in immunology. *Fall, Spring* M&S fee \$46.00

COM-BSBS

PCB 3343L - Principles of Field Ecology

Credit Hours: 2-5

Class Hours: 0

Lab and Field Work Hours: 6-15

Contact Hours: 6-15

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2011C, PCB 3044 or C.I.

Introduction to laboratory techniques in immunology. Applied study of

biodiversity, ecology and conservation through field trips, field research and/or lectures. Emphasis and location varies by instructor. May be repeated for credit only when course content is different.
Occasional

COS-BIOL

PCB 3354 - Tropical Ecology and Conservation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PCB 3044 with a grade of "C" (2.0) or better, or C.I.

Geography, ecology, and environmental problems encountered in various tropical ecosystems with particular emphasis towards terrestrial systems in tropical rainforests. *Occasional*

COS-BIOL

PCB 3355L - Tropical Marine Biology

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Intensive, one week field course at an institute of marine science. Diving/snorkeling will be used extensively to study organisms on pristine coral reefs. *Occasional*

COS-BIOL

PCB 3442 - Aquatic Ecology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): BSC 2010C and a

"B" (3.0) or better in BSC 2011C.
Corequisite(s): None.

The aquatic ecology of ponds, lakes, streams, and rivers. *Occasional*

COS-BIOL

PCB 3442H - Honors Aquatic Ecology - Biology of the Amazon

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: BSC 2010C and Consent of Honors or C.I.

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. *Spring*

PCB 3522 - Molecular Biology I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2211 and MCB 3020C or C.I.

The general principles governing the structure and function of both prokaryotic and eukaryotic genes. *Fall, Spring*

COM-BSBS

PCB 3522H - Honors Molecular Biology I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CHM 2211 and MCB 3020C or C.I.

The general principles governing the structure and function of both prokaryotic and eukaryotic genes.

Occasional

COM-BSBS

PCB 3685H - How Music Affects Your Brain

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): Consent of Honors

Impact of sound and music on the brain function including mood, emotion, pain, cognition, and memory using interdisciplinary approach, the cutting-edge knowledge in neuroscience and basic analysis of music structure. *Spring*

College of Medicine Burnett School of Biomedical Sciences

PCB 3703C - Honors Human Physiology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, CHM 2046 and consent of Honors College.

The physiology and interrelationships of organ systems of the human body. With honors level content. *Fall*

COM-BSBS

PCB 3703C - Human Physiology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, CHM 1032 or CHM 2045C.

The physiology and interrelationships of organ systems of the human body. *Fall, Spring*
M&S fee \$70.00

COM-BSBS

PCB 4028 - Molecular and Cellular Pharmacology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PCB 3522.

The cellular and molecular events that lead to disease states and the molecular basis of agents that modulate these processes will be covered. *Spring*

COM-BSBS

PCB 4135 - Applied Molecular Cell Biology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PCB 3522,

Discussion on concepts and experimental approaches in molecular cell biology for discovery of modern therapeutics. *Spring*

COM-BSBS

PCB 4174 - Foundation of Bio-Imaging Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, CHM 2045C, CHM 2210, MAC 2311C, PHY 2049.

Fundamental theory, design, and practice of modern bio-imaging techniques applicable for basic biomedical research. *Occasional*

COM-BSBS

PCB 4234 - Cancer Biology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3522 or PCB

3023.

Current knowledge and research on molecular mechanism of tumor development, tumor progression, metastasis and therapy of cancer. *Occasional*

COM-BSBS

PCB 4264 - Stem Cell Biology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3522 or PCB

3023.

Introduction to embryonic and adult stem cells, procedures to isolate them, principles and applications of stem cells in animal and human diseases. *Occasional*

COM-BSBS

PCB 4280 - Molecular Immunology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MCB 3020C.

Advanced understanding of the workings of the immune system, correlating cellular and molecular mechanisms with clinical cases. *Fall*

COM-BSBS

PCB 4280H - Honors Molecular Immunology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: MCB 3020 and

Consent of Honors.

Advanced understanding of the workings of the immune system, correlating cellular and molecular mechanisms with clinical cases. *Spring*

PCB 4284 - Immunobiology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3233.

Investigating innate host defense utilizing an approach that combines online didactic coursework with paper-based analytical studies. Recommended for students interested in research. *Occasional*

COM-BSBS

PCB 4301C - Wetland Ecology & Biogeochemistry**Credit Hours: 4**

Class Hours: 2

Lab and Field Work Hours: 3

Contact Hours: 5

Prerequisite(s): PR: Grade "B" or

better in PCB 3044 or CI

Examination of wetland ecosystems, laws and policy, current research, global biogeochemical cycles, and relevant field and laboratory techniques. *Even Spring*

PCB 4315C - Marine Ecology of Florida**Credit Hours: 4**

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): PR: OCE 3008 and

BSC 3312 each with an "A" (4.0), or

C.I.

Examine the physical and biological processes that impact coastal marine

communities, focusing on the ecology of specific types of communities found in Florida's coastal environment. *Odd Spring*

Department of Biology

PCB 4353 - Florida Ecology, Natural History and Conservation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3044C, or C.I.

General ecology, habitats, vegetation types, wildlife, and conservation issues of Florida. *Odd Fall*

COS-BIOL

PCB 4402 - Disease Ecology & Ecoimmunology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): A grade of "B" (3.0)

or better in PCB 3063 and PCB

3044 or C.I.

Examination of how hosts, parasites and environment interact to shape organisms, populations and communities. *Occasional*

COS-BIOL

PCB 4408 - Urban Ecology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3044 with a "B"

(3.0) or better, or C.I.

Urban ecosystems, urbanizing landscapes, and the impacts of urban areas on ecological pattern and processes at local, regional and

global scales. *Occasional*

COS-BIOL

PCB 4514 - Genetics II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A minimum grade of "B" (3.0) in PCB 3063, or C.I.

Advanced topics in genetics and epigenetics including genome organization, gene regulation, chromosome mutation, developmental genetics and the effect of environment on phenotype. *Even Fall*

COS-BIOL

PCB 4521 - Tissue Engineering

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): MCB 3020C or CHM 2045C.

Tissue engineering with a special emphasis on the current status of the field, on novel methods and on cell-biomaterial interactions. *Occasional*

COM-BSBS

PCB 4524 - Molecular Biology II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PCB 3522.

The processes regulating gene function in prokaryotes and eukaryotes; specialized genetic aspects underlying multi-cellular existence, DNA evolution. *Spring*

COM-BSBS

PCB 4524H - Honors Molecular Biology II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors and PCB 3522.

Same as PCB 4524 with honors level content. *Spring*

COM-BSBS

PCB 4529C - Experimental Molecular Cell Biology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 4

Contact Hours: 7

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 3403C with a "B" (3.0) or better, or PCB 3023 with a "B" (3.0) or better.

Examination of the experimental basis for current knowledge in molecular and cellular biology topics and will link classroom discussions with a required laboratory component. *Spring 70*

COM-BSBS

PCB 4575 - Wildlife Genomics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: 'B' or better in PCB 4683, or CI

Understanding of how Genomic methods are applied to problems in wildlife biology, with an emphasis on vertebrate animal species in terrestrial and marine ecosystems. *Odd Fall*

PCB 4663 - Human Genetics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PCB 3522 or PCB 3023.

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. *Spring*

COM-BSBS

PCB 4678 - Evolution and Medicine

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A "B" (3.0) or better in PCB 4683, or C.I.

Evolutionary theory and perspectives to investigate problems in human health and disease. *Odd Fall*

COS-BIOL

PCB 4683 - Evolutionary Biology

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): A grade of "C" (2.0) or better in PCB 3063 and junior standing or C.I.

Demographic and genetic structure of populations and their relationship to speciation, adaptation, and macroevolutionary processes in plants and animals. *Fall, Spring*

COS-BIOL

PCB 4683L - Evolutionary Biology Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Reading, problem solving and discussion on current topics in evolutionary biology. *Fall, Spring*
M&S fee \$3.00

COS-BIOL

PCB 4684 - Population Genetics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): A "C" (2.0) or better in both PCB 3063 and PCB 4683, or C.I.

Field of population genetics and the study of the various forces that result in evolutionary changes through time. *Even Spring*

COS-BIOL

PCB 4708L - Laboratory Virtual Simulations in Physiology**Credit Hours: 3**

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3703C or ZOO 3733C.

Conduct experiments in physiology that enhance the ability to design, collect, analyze data and report results in a scientific manner. *Occasional*

COM-BSBS

PCB 4722 - Comparative Animal Nutrition**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): BSC 2010C, BSC 2011C, CHM 2210, CHM 2211, PCB 3044.

The fundamental topics of animal nutrition, including all known nutrients important for animal life. *Spring*

COS-BIOL

PCB 4723 - Animal Physiology**Credit Hours: 4**

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): A "C" (2.0) or better in PCB 3023, or C.I.

Functions of body processes occurring in animals, with emphasis on vertebrate physiology. *Fall*

COS-BIOL

PCB 4802 - Comparative Endocrinology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): A "C" (2.0) or better in both PCB 3023 and PCB 3044, or C.I.

Hormonal regulation of an animal's physiological responses to environmental changes. *Occasional*

COS-BIOL

PCB 4805 - Endocrinology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3703C or equivalent; CHM 2211.

Mechanisms of action of hormones; interrelationship between the nervous and endocrine systems.

Occasional

COM-BSBS

PCB 4808 - Physiology of Reproduction**Credit Hours: 3**

Prerequisite(s): Grade of C or better in Human Physiology PCB 3703C

Basic and functional reproductive physiology. Acquire familiarity with related vocabulary; gain a fundamental understanding of biological aspects of mammalian reproductive anatomy, physiology, and endocrinology. *Spring Fall, Summer*

College of Medicine Burnett School of Biomedical Sciences

PCB 4813 - Molecular Aspects of Obesity, Diabetes & Metabolism**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3522 or BCH 4053.

Advanced topics of physiological processes at the cellular, molecular and system level. *Spring*

COM-BSBS

PCB 4832 - Cellular and Molecular Basis of Brain Functions**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PCB 3522, PCB 3703C, ZOO 3733C.

Designed to provide advanced undergraduate students the concepts required to understand the physiological basis of brain functions at the molecular, cellular and system levels. *Fall*

COM-BSBS

PCB 4833 - Advanced Human Physiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): PCB 3522, PCB 3703C, ZOO 3733C.

Advanced topics of physiological processes at the cellular, molecular and system levels. *Fall*

COM-BSBS

PCB 4843 - Cellular and Molecular Neuroscience

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ZOO 3744.

An advanced and thorough course providing understanding of the cellular components and molecular signaling pathways involved in the nervous system function. *Spring*

COM-BSBS

PCB 4943 - Peer Instruction and Laboratory Occupational Training

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 3403C or BSC 3403H.

Internship practicum in a molecular biology laboratory where students teach, present, read journal articles, and work on a research project. May be repeated for credit. *Occasional*

COM-BSBS

PCO 4203 - Interviewing and Counseling

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

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. *Fall, Spring*

COS-PSYCH

PEL 2011 - Basic Volleyball and Softball

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The analysis of offensive and defensive alignment, techniques, and strategies. *Occasional*

ED-E&HS

PEL 2111 - Bowling

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Fundamentals of bowling techniques and the development of skills based on those fundamentals. *Occasional*

ED-E&HS

PEL 2112 - Intermediate Bowling

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PEL 2111, bowling experience, or average of 140 verification by league sheet.

This course provides in-depth information that is necessary for the development of high bowling averages. *Occasional*

ED-E&HS

PEL 2121 - Beginning Golf

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Performance and application of basic skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport. *Fall, Spring*

ED-E&HS

PEL 2122 - Intermediate Golf

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PEL 2121 or equivalent competency.

A study of performance and application of intermediate skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport. *Occasional*

ED-E&HS

PEL 2341 - Beginning Tennis**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Performance and application of basic skills, rules and etiquette.

Physiological and social values accruing from this lifetime sport.

Occasional

ED-E&HS

PEL 2342 - Intermediate Tennis**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PEL 2341 or

equivalent competency.

Performance and application of advanced skills, rules, and etiquette.

Physiological and social values accruing from this lifetime sport.

Occasional

ED-E&HS

PEL 2640 - Basic Football and Basketball**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The analysis of offensive and defensive alignment, techniques, and strategies. *Occasional*

ED-E&HS

PEM 2101 - Body Development**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An in-depth study of individual physical (musculo-skeletal, neuromuscular, cardiorespiratory) fitness. Emphasis on individual diagnosis, principles, procedures, and conduct of related exercise programs. *Fall, Even Spring*

ED-E&HS

PEM 2104 - Personal Fitness**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Study of personal fitness concepts, with opportunities to develop an individual, optimal level of fitness and an improved lifestyle through high-level wellness. *Fall, Spring*

ED-E&HS

PEM 2121C - Yoga**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Fall, Spring*

ED-E&HS

PEM 2122 - Yoga for Performers**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The practice and study of Yoga, including postures, breathing and meditation, focusing on the needs of performers *Fall, Spring*

CAH-MUSIC

PEM 2127C - Pilates**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The Pilates method of body conditioning emphasizing core musculature as it applies to everyday movement. *Occasional*

ED-E&HS

PEM 2131 - Strength Resistance Training**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Study of fitness and strength development through resistance exercise. *Fall, Spring*

ED-E&HS

PEM 2134C - Adventure Recreation**Credit Hours: 2**

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Options for adventure recreation including: outdoor living skills, canoeing, kayaking, rock climbing,

hiking and backpacking. *Occasional*

ED-E&HS

PEM 2171 - Aerobics

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Appropriate rhythmical muscle toning movements that develop aerobic fitness; concepts taught include warm-up, flexibility, stretching, cool down, and heart rate. *Fall, Spring*

ED-E&HS

PEM 2173 - Step Aerobics

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Appropriate rhythmical muscle toning movements utilizing the step to develop aerobic fitness. Concepts taught include warm-up, flexibility, work-out, and cool-down. *Occasional*

ED-E&HS

PEM 2175 - Country/Western Dance

Credit Hours: 2

Class Hours: 1

Lab and Field Work Hours: 1

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

ED-E&HS

PEM 2402 - Beginning Brazilian Jiu-Jitsu

Credit Hours: 2

Prerequisite(s): None

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). *Spring Fall*

School of Kinesiology and Physical Therapy

PEM 2403 - Intermediate Brazilian Jiu-Jitsu

Credit Hours: 2

Prerequisite(s): PEM 2441

Study and application of intermediate skills, physical conditioning, appropriate protocols and terminology involved in Brazilian Jiu-Jitsu (BJJ) training. *Spring Fall*

School of Kinesiology and Physical Therapy

PEM 2405 - Self Defense for Women and Men

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Designed to provide students with self defense skills. *Fall, Spring*

ED-E&HS

PEM 2431 - Beginning Judo

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): None.

Study and application of basic skills; falling, throwing, ground techniques, basic selfdefense, terminology, philosophy and fitness training involved in the Olympic sport of Judo. *Fall, Spring*

ED-E&HS

PEM 2432 - Intermediate Judo

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PEM 2431 or C.I.

Study and application of intermediate skills, body and strength conditioning, appropriate protocols and terminology involved in Judo training. *Fall, Spring*

ED-E&HS

PEO 2011 - Team Sports

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

This course is designed to develop skill proficiency and knowledge to plan, implement and evaluate team sports as part of the Physical Education program. *Fall, Spring*

ED-E&HS

PEO 2031 - Individual Sports

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Skill proficiency and knowledge to

plan, implement and evaluate individual sports. *Fall, Spring*

ED-E&HS

PEO 3041 - Games Analysis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None

Teaching methodology utilizing games for specific outcome behaviors in grades K-12. *Fall, Spring*

School of Teacher Education

PEO 3324 - Coaching Volleyball

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Kinesiology

Pending, Admission to Kinesiology B.S., or Sport and Athletic Coaching Minor or CI. Corequisite(s): None.

Theory and methods of coaching volleyball, including the analysis of offensive and defensive alignment techniques and strategies. *Spring*

School of Kinesiology and Physical Therapy

PEO 3514C - Coaching Soccer

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Admission to

Kinesiology Pending, Kinesiology B.S., or Sport and Athletic Coaching Minor or CI Corequisite(s): None.

Theory and methods of coaching soccer, including the analysis of offensive and defensive techniques and strategies. *Spring*

School of Kinesiology and Physical Therapy

PEO 3624 - Coaching Basketball

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s):

Admission to Kinesiology Pending, Kinesiology B.S., or Sport and Athletic Coaching Minor or CI Corequisite(s): None.

Theory and methods of coaching basketball, including the analysis of offensive and defensive techniques and strategies. *Spring*

School of Kinesiology and Physical Therapy

PEO 3644 - Coaching Football

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Admission to

Kinesiology Pending, Kinesiology B.S., or Sport and Athletic Coaching Minor or CI Corequisite(s): None. Prerequisite(s) or Corequisite(s): .

Theory and methods of coaching football, including the analysis of offensive and defensive techniques and strategies. *Spring*

School of Kinesiology and Physical Therapy

PET 2081 - Wellness, Children and Schools

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

Exploration and promotion of wellness for children in schools. *Fall, Spring*

ED-E&HS

PET 3005 - Introduction to Kinesiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s) or Corequisite(s): .

An introduction to kinesiology with emphasis in fitness, recreation, physical activity, and human performance. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 3097 - Health and Wellness

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1101

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None

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. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 3125 - Fitness and Weight Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to

Kinesiology B.S. or Fitness Training Minor; and minimum overall 2.5 GPA.. Corequisite(s): None.

Provides current and future professionals with the requisite knowledge of fitness and weight management research, theories, and practice. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 3137 - Concepts and Practices in Sport and Exercise Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admission to the Sport and Exercise Science program or C.I.

Examination of experiences in Sport and Exercise Science program: concepts, practices, and science. *Fall, Spring*

ED-E&HS

PET 3351 - Applied Exercise Physiology

Credit Hours: 3

Class Hours: 3

Prerequisite(s): ZOO 3736 Exercise Physiology Anatomy or ZOO 3733 Human Anatomy

Prerequisite(s) or Corequisite(s): Kinesiology or Health Sciences majors

Introduction to physiological concepts related to exercise and training adaptations. *Spring Fall*

School of Kinesiology and Physical Therapy

PET 3361 - Nutrition and Metabolism in Kinesiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Kinesiology B.S. or Fitness Training Minor, and minimum overall 2.5

GPA. Corequisite(s): None.

Study of nutrition with focus on the strategies designed to meet nutrient demands for physical activity, exercise, metabolism, and athletic performance in kinesiology. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 3510C - Physiologic & Metabolic Basis of Human Movement & Performance

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admission to Athletic Training B.S. Program.

Exercise physiology, drugs & nutrition, and performance & injury; each focusing on the key elements for the application of athletic training principles. *Fall*

HPA-HP

PET 3765 - Coaching Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Kinesiology Pending, Kinesiology B.S., Physical Education B.S., or Sport and Athletic Coaching Minor; and minimum overall 2.5.GPA
Corequisite(s): None.

Theories of coaching team and individual sports. *Fall*

School of Kinesiology and Physical Therapy

PET 3768 - Group Exercise Instruction

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admission to Sport and Exercise Science program or Fitness Training Minor and minimum overall 2.5 GPA.

An in-depth study into group exercise instruction and fitness related concepts. *Fall*

ED-E&HS

PET 3771 - Strength and Conditioning Concepts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Kinesiology B.S., or Fitness Training Minor; minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent. Corequisite(s): None.

Integration of advanced components of muscular strength training and endurance conditioning for the Kinesiology professional. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 3820 - Teaching Sports Skills I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None

Skill proficiency and knowledge to plan, implement and evaluate sports and leisure activities in physical education programs. *Fall, Spring*

School of Teacher Education

PET 4050C - Motor Development and Learning

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3
Prerequisite(s): Admission to Kinesiology Pending, Kinesiology B.S., Physical Education B.S., or Early Childhood Development and Education B.S Corequisite(s): None.

An analysis of the theories and factors influencing the motor development of children and the learning of gross and fine motor skills. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4083 - Personal Training Methods

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Kinesiology B.S., and minimum overall 2.5 GPA Corequisite(s): None. Prerequisite(s) or Corequisite(s): .

An in-depth study into personal training and fitness related concepts. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4088 - Physical Activity & Preventive Medicine

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Kinesiology B.S., minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent. Corequisite(s): None.

Critique and analysis of evidence that exercise training can prevent some diseases and increase quality of life. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4143 - Current Issues & Trends in Kinesiology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to the Kinesiology B.S. and minimum 2.5 Overall GPA. Corequisite(s): None.

Examination of the current issues and trends encountered by professionals in kinesiology. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4215 - Motivational Aspects of Athletic Performance

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Kinesiology B.S., Fitness Training Minor or Sport and Athletic Coaching Minor; and minimum overall 2.5 GPA Corequisite(s): None.

Theories of attitude, motivation, effort, persistence, mental focus, visualization, and an exploration of techniques to enhance athlete performance. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4312C - Applied Biomechanics

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): 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. Corequisite(s): None.

The comprehension and application of anatomical and mechanical principles involved in human

movement. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4315C - Biomechanics of Sport

Credit Hours: 3
Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2053C or PHY 2048C.

Assessment and recognition of physiological and mechanical aspects of sports and injuries. *Spring*

HPA-HP

PET 4325 - Functional Kinesiology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Kinesiology B.S., Physical Education B.S. or Fitness Training Minor: ZOO 3736C or equivalent, and minimum 2.5 Overall GPA Corequisite(s): None.

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. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4401 - Administration and Evaluation in Sport and Fitness

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None

Addressing administrative,

measurement and evaluation aspects of Physical Education, Athletics and Sports Programs. *Fall, Spring*

School of Teacher Education

PET 4550C - Assessment and Evaluation in Kinesiology

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Admission to Kinesiology B.S., Physical Education B.S. or Fitness Training Minor; PET 3351, and minimum 2.5 overall GPA
Corequisite(s): None.
Prerequisite(s) or Corequisite(s): .

A study and acquisition of health related fitness, exercise strategies and related assessment techniques. *Fall, Spring 22*

School of Kinesiology and Physical Therapy

PET 4552 - Exercise Prescription for Special Populations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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. Corequisite(s): None.

Students integrate knowledge of kinesiology, physiology, and fitness conditioning to develop exercise for populations dealing with aging, osteoporosis, diabetes, obesity, heart disease, and pregnancy. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4606 - Applied Fitness in Sport

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ZOO 3733C or ZOO 3736C and PCB 3703C; Junior standing ZOO 3736C; COHPA majors and Health Sciences minors only.

Physiological adaptations to exercise, biomechanics, psychology, performance enhancing substances, nutrition, fitness testing procedures, exercise technique, program design, advanced rehabilitation and administration. *Spring*

HPA-HP

PET 4710 - Methods for Physical Activity for Children and Adolescents

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None

Develop effective instructional skills through planning, teaching, and assessment. Curricular and instructional considerations for physical activity in children and adolescents. *Fall, Spring*

School of Teacher Education

PET 4763 - Coaching Methods and Principles

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Kinesiology B.S., or Sport and Athletic Coaching Minor; minimum overall 2.5 GPA and PET 3765 Coaching Theory
Corequisite(s): None.

Assist students in understanding and conceptually integrating teaching methods/coaching strategies with emphasis given to conditioning and leadership styles. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4901 - Capstone in Kinesiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Senior standing in the Kinesiology B.S. , Minimum 2.5 overall GPA and Department Approval
Corequisite(s): None.

Enhances students' oral and written presentation ability in issues and topics related to kinesiology. *Fall, Spring*

School of Kinesiology and Physical Therapy

PET 4925 - Sport and Fitness Practicum I

Credit Hours: 6

Class Hours: 0

Lab and Field Work Hours: 16

Contact Hours: 16

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Overall GPA of 2.5 and completion of 1/3 of the Sport and Fitness program requirements.

Field experience in a sport and fitness related organization. *Fall, Spring* Graded S/U.

ED-E&HS

PET 4926 - Practicum in Kinesiology

Credit Hours: 9

Class Hours: 0

Lab and Field Work Hours: 9

Contact Hours: 9

Prerequisite(s): Senior standing in Kinesiology B.S., minimum 2.5 overall GPA and Advisor Consent.
Corequisite(s): None.

Field experience in a kinesiology organization, association, or business. *Fall, Spring* Graded S/U.

School of Kinesiology and Physical Therapy

PGY 2401C - Beginning Photography

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ART 2201C, ART 2300C or C.I.

Introduction to photography with an art emphasis. *Fall, Spring* M&S fee \$45.00

CAH-SVAD

PGY 2813C - Creative Smart Phone Photography

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): PR: None

Explore methods of creating/producing/presenting digital-based imagery and introducing the role of smart phone photography in contemporary culture. *Occasional*

PGY 3002 - Contemporary Photography

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2401C or C.I.

Late 20th and 21st century (1970's-present) contemporary movements in photography, special emphasis on issues and ideas relative to contemporary image making. *Occasional*

CAH-SVAD

PGY 3204C - Experimental Studio Lighting in Photography

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): PR: PGY 2401C

Explore the variety of lighting possibilities and creative concepts using constructed set and studio lighting and experimental techniques. *Occasional*

PGY 3205C - Photographic Lighting Techniques

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2107 (offered through Daytona State College) or equivalent.

Advanced lighting techniques in both the studio and on location, with projects in the editorial, advertising, or fine art genres. *Occasional* M&S fee \$70.00

CAH-SVAD

PGY 3276 - The Professional Environment

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3002 or C.I.

Concepts necessary for operation of a photography studio. Includes legal, ethical issues; marketing; selfpromotion strategies; funding opportunities; professional development; and professional presentation. *Occasional*

CAH-SVAD

PGY 3407C - Film and Darkroom

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4

Contact Hours: 6
Prerequisite(s): PR: PGY 2401C

Various technical and aesthetic considerations of black and white analog photography. *Occasional*

PGY 3410C - Intermediate Photography

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, PGY 2401C.

Intermediate camera and darkroom practice designed for art majors with studio skills. *Spring* M&S fee \$49.00

CAH-SVAD

PGY 3412L - Photography in the Expanded Field

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): PR: PGY 2401C

Explore the ways in which photography now exists in an expanded field of creative production. *Fall*

PGY 3451C - Alternative Processes

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3472C or C.I.

19th century photographic processes with related contemporary non-traditional methods of image creation and presentation. *Occasional* M&S fee \$45.00

CAH-SVAD

PGY 3472C - Photo Visualization**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2000 (offered through Daytona State College) or equivalent.

Analysis of visual problems with an emphasis on communicating and applying a theoretical language to photographic imagery. *Occasional* M&S fee \$68.00

CAH-SVAD

PGY 3480 - Museum and Gallery Practices**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3002 - Contemporary Photography.

The museum and gallery environment focusing on the acquisition and display of photographic materials and curatorial functions. The course includes a service learning component. *Occasional*

CAH-SVAD

PGY 3610C - Photojournalism I**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Journalism majors only.

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.

Occasional

COS-COMM

PGY 3620C - Photojournalism II**Credit Hours: 3**

Class Hours: 1

Lab and Field Work Hours: 2

Contact Hours: 3

Prerequisite(s): PGY 3610C.

Individual and group projects for extended documentary coverage.

Occasional

COS-COMM

PGY 3651C - Narrative Editorial Photography**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2650 (offered through Daytona State College) or equivalent.

Explores photography in narrative, documentary, and editorial form. Research, story, text, and visual style will be addressed. *Occasional* M&S fee \$70.00

CAH-SVAD

PGY 3653C - Advanced Editorial Photography**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3651C.

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. *Spring* M&S fee \$69.00

CAH-SVAD

PGY 3703C - Photography & the Web**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3821C or C.I.

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. *Occasional* M&S fee \$45.00

CAH-SVAD

PGY 3751C - Videography**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PGY 2750 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2750 or C.I.

Creation of video narratives using the digital environment. *Occasional*

CAH-SVAD

PGY 3821C - Advanced Digital Photography**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): PGY 2806 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 2806 or C.I.

Current digital imaging software and its application to contemporary work. *Occasional* M&S fee \$69.00

CAH-SVAD

PGY 3933C - The Photo-book**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 4

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): PGY 2401C.

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. *Spring*

CAH-SVAD

PGY 4003 - Image, Culture, and Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3002 or C.I.

The role of the media and media imagery in culture and society. *Occasional*

CAH-SVAD

PGY 4106C - Photography Theory and Practice

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): PR: Any 3000 level PGY course

Theory and practice of photography as contemporary tools for art making. May be repeated twice for credit. *Occasional*

PGY 4228C - Advanced Illustrative Photography

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3205C or C.I.

Various avenues of photographic illustration, including lighting, historical and contemporary issues, style, presentation, and social concerns. *Occasional* M&S fee

\$70.00

CAH-SVAD

PGY 4235C - Professional Photographic Workshop

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3205C.

Creative, logistical, and technical processes as related to a variety of special lighting problems in the photographic studio and on location. *Occasional* M&S fee \$70.00

CAH-SVAD

PGY 4420C - Advanced Photography

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, PGY 3410C, and a satisfactory portfolio review or C.I.

Advanced photography skills and portfolio development. Designed for art majors. May be repeated for credit. *Fall, Spring* M&S fee \$49.00

CAH-SVAD

PGY 4440C - Special Problems in Photography

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 3
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ART 2201C, ART 2203C, ART 2300C, ART 2301C, PGY 3410C, and a satisfactory portfolio review or C.I.

Designed for upper division art

majors with photography concentration. A series of directed photographic problems of a research nature. *Occasional* M&S fee \$20.00

CAH-SVAD

PGY 4471C - Photography Thesis

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3276.

Senior thesis project culminating in a public exhibition or portfolio presentation. *Occasional* M&S fee \$68.00

CAH-SVAD

PGY 4493C - Photography and Art

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PGY 3472C, or PGY 3002, or C.I.

Creation of photographs related to the expression of personal, political, aesthetic, and theoretical issues and ideas found in historical and contemporary imagery. *Occasional* M&S fee \$68.00

CAH-SVAD

PHH 3100 - Ancient Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Foundations of Western philosophy in ancient Greek thinking about human beings and nature, including the pre-Socratics, Socrates, Plato,

Aristotle. *Occasional*

CAH-PHIL

PHH 3200 - Medieval Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

The influence of Greek philosophical thought in medieval Muslim, Jewish and Christian philosophy, as expressed in its main problems and representative thinkers. *Occasional*

CAH-PHIL

PHH 3460 - Modern Western Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010.

Major western philosophers and philosophical movements from Descartes to Nietzsche. *Even Fall*

CAH-PHIL

PHH 3510 - Marx and Nietzsche

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing.

The philosophies of Marx and Nietzsche, important differences in outlook and emphasis, the significance of their respective critiques of society, the implications of their contrasting standpoints for understanding human life, the philosophical and ideological influences of their work, and their contemporary relevance *Occasional*

CAH-PHIL

PHH 3600 - Contemporary Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Recent and current trends in philosophy, including philosophical analysis, phenomenology, structuralism, post-structuralism, and liberation philosophies. *Occasional*

CAH-PHIL

PHH 3700 - American Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or AMH 2010 or AMH 2020 or C.I.

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. *Even Spring*

CAH-PHIL

PHH 3701 - Native American Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Academic Native American philosophy in epistemology, political philosophy and environmental studies. *Even Fall*

CAH-PHIL

PHI 2010 - Introduction to Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-PHIL

PHI 2010H - Honors Introduction to Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

Same as PHI 2010 with honorslevel content. *Fall*

CAH-PHIL

PHI 2011 - Philosophical Reasoning

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): none

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. *Occasional*

CAH-PHIL

PHI 2101 - Formal Logic I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

A study of sentence and predicate logics, with introduction to modal, epistemic, deontic, multi-valued, and indeterminant logics. *Occasional*

CAH-PHIL

PHI 2108 - Critical Thinking**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

The logic of conversation, informal fallacies, and reasoning about human action. *Occasional*

CAH-PHIL

PHI 2630 - Ethics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

An examination of the nature of moral problems, judgements and principles, with an emphasis on recent formulations in ethical theory. *Occasional*

CAH-PHIL

PHI 2647 - Logic and Ethics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2101 or COT

3100C or MAD 2104.

Research in logic applied to ethics, especially for science and technology. Uses of simulation and modeling to study philosophical problems in ethics. *Occasional*

CAH-PHIL

PHI 3033 - Philosophy, Religion, and the Environment**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

C.I.

A multicultural treatment of the influence of philosophical and religious views on our understanding of, and relation to, the environment. *Occasional*

CAH-PHIL

PHI 3083 - Research Methods in Philosophy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Philosophy or

Humanities major or C.I.

Sources, methods, and styles of research in Philosophy. Aimed at enhancing the research, reading, and writing skills of undergraduate philosophy students. *Odd Fall*

CAH-PHIL

PHI 3131 - Formal Logic II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2101.

Systematic study of propositional and first-order predicate logic; logistic systems and axiomatic methods; problems of metatheory, including consistency, completeness, and decidability. *Occasional*

CAH-PHIL

PHI 3320 - Philosophy of Mind**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010, PSY 2012,

or C.I.

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. *Occasional*

CAH-PHIL

PHI 3323 - Minds and Machines: Philosophy of Cognitive Science**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010 or C.I.

Assumptions undergirding research in Cognitive Science. *Fall, Odd Spring*

CAH-PHIL

PHI 3451 - Philosophy of Psychology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

C.I.

Philosophical assumptions and

foundations of major psychological movements plus other philosophically interesting issues. *Occasional*

CAH-PHIL

PHI 3625 - Virtual Ethics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COP 3502C or DIG 2000 or C.I.

Ethics of virtual worlds as contrasted to the physical world, the use of simulation, virtual environments, and modeling in philosophy, especially in ethics. *Occasional*

CAH-PHIL

PHI 3626 - Advanced Ethics in Science and Technology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COP 3502C or DIG 2000 or PHI 2647.

Critical thinking applied to ethics in science and technology. *Fall, Spring*

CAH-PHIL

PHI 3629 - Family Values

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010, PHI 2630, PHI 3670, or WST 3015.

Applied ethics examining legal, religious and other cultural prescriptions related to sexuality, marriage, reproduction, child-rearing and other forms of familial

relationship and caregiving. *Even Spring*

CAH-PHIL

PHI 3638 - Ethical Issues in the 21st Century

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Applications of ethical theory and moral problem-solving to contemporary issues. *Occasional*

CAH-PHIL

PHI 3640 - Environmental Ethics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing.

Major contemporary views in environmental ethics, including individual and holistic approaches, deep ecology, ecofeminism, and social ecology *Occasional*

CAH-PHIL

PHI 3670 - Ethical Theory

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and C.I.

Major classical and contemporary topics in ethics, including value theory, utilitarian, deontological, virtue-based and feminist approaches to ethics, rights, and justice; some examination of metaethical issues. *Even Spring*

CAH-PHIL

PHI 3672 - Animal Ethics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Key issues and debates in the area of animal ethics, including both theoretical and applied dimensions. *Occasional*

CAH-PHIL

PHI 3684 - Ways of Living

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2210 or HUM 2230 or C.I.

Philosophies of life and the notion of "the good life." *Occasional*

CAH-PHIL

PHI 3700 - Philosophy of Religion

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300 or PHI 2010.

An examination of basic ideas, beliefs, attitudes, and functions of religion, with emphasis upon questions of conceptual meaning and cognitive justification. *Odd Spring*

CAH-PHIL

PHI 3720 - Faith and Reason

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): REL 2300 or PHI

2010 or C.I.

Emergence of two discrete ways of knowing: Faith and Reason.

Occasional

CAH-PHIL

PHI 3750 - The Problem of Evil**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010 or C.I.

The traditional problem of evil encompassing philosophical, theological, logical, and natural interpretations and assessments of moral and natural evil. *Occasional*

CAH-PHIL

PHI 3790 - African Philosophy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

C.I.

Traditional and contemporary African philosophical thought with primary emphasis on post-colonial philosophy in sub-Saharan Africa. *Occasional*

CAH-PHIL

PHI 3800 - Aesthetics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010, HUM

2230, ARH 2050, or ARH 2051.

An investigation into the nature of human artistic experience, with special reference to questions of form, perception, and style.

Occasional

CAH-PHIL

PHI 3803 - Philosophy and Creativity**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

PHI 2010 or C.I.

A companion course to PHI 3800 - Aesthetics. Examines the empirical and metaphysical claims made for creativity; attempts to account for intuition, genius, and intelligence.

Occasional

CAH-PHIL

PHI 4221 - Philosophy of Language**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010 or C.I.

Nature of language and the relationships between language, reality, cognition, and culture. *Spring*

CAH-PHIL

PHI 4300 - Theories of Knowledge**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Philosophy major or

C.I.

Classical and contemporary theories of knowledge. A critical examination of various forms of, and reasons for, skepticism, criteria for truth and justification for belief. *Occasional*

CAH-PHIL

PHI 4321 - Philosophies of Embodiment: Mind/Body/Self**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing and

either PHI 2010, PHI 2011, PHI

2108, or C.I.

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. *Occasional*

CAH-PHIL

PHI 4341 - Ways of Knowing**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHI 2010 or C.I.

Philosophic study of approaches to knowledge, with emphasis on contributions of the knower to how things are known. *Fall*

CAH-PHIL

PHI 4400 - Philosophy of Science**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

PHI 2010 or C.I.

An examination of the conceptual foundations and methodology of modern science. *Occasional*

CAH-PHIL

PHI 4420 - Philosophy of Social Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing or PHI 2010 or C.I.

An examination of the objectives, methods and guiding norms of the social sciences and their role in the development of human knowledge. *Occasional*

CAH-PHIL

PHI 4500 - Metaphysics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Philosophy major or C.I.

Topics include appearance and reality, actions and events, necessity and possibility, identity, nature of persons, mindbody dualism, causality, and free will and determinism. *Occasional*

CAH-PHIL

PHI 4633 - Ethics and Biological Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Completion of the GEP.

An application of contemporary thinking to ethical issues arising from the biological sciences, including human and animal experimentation, genetic engineering, biodiversity. *Occasional*

CAH-PHIL

PHI 4633H - Honors Ethics and Biological Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, a course in Philosophy, and consent of Honors.

Contemporary thinking on ethical issues arising from the biological sciences, including human and animal experiments, genetic engineering, and biodiversity. *Occasional*

CAH-PHIL

PHI 4673 - Medical Ethics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Senior standing or C.I.

Ethics of clinical medicine and medical research. *Spring*

CAH-PHIL

PHI 4690 - Ethics in Nanoscience and Nanotechnology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Completion of GEP or Junior standing.

Ethical implications of rapid developments in nanoscience and nanotechnology. *Odd Fall*

CAH-PHIL

PHI 4804 - Critical Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C.I.

Critical theory and cultural studies emphasizing current trends as they apply to arts in diverse media. *Even Fall*

CAH-PHIL

PHI 4931 - Philosophy in the News

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010.

Changing course content. A specific topic being covered by the media will be selected for philosophical examination. Course is web enhanced. *Occasional*

CAH-PHIL

PHI 4935 - Topics in Philosophy of Mind

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 3320, PHI 3451 or PHI 3323 or C.I.

Recent debate in philosophy of mind. Variable topics. Examples: mental representation, consciousness, concepts, free will. May be repeated for credit. *Occasional*

CAH-PHIL

PHI 4938 - Senior Research Seminar

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Senior standing and Philosophy major, or C.I.

Capstone course on research, developing effective oral and written communication skills. *Spring*

CAH-PHIL

PHM 3020 - Philosophy of Love

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and PHI 2010, or C.I.

A critical investigation of the meaning and significance of various kinds of love from a variety of philosophical perspectives. *Spring*

CAH-PHIL

PHM 3100 - Freedom and Justice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing or PHI 2010 or C.I.

Philosophical analysis and evaluation of selected issues arising from the interaction of the individual, society, and the state; includes topics such as freedom, equality, and justice. *Occasional*

CAH-PHIL

PHM 3123 - Feminist Theories

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

Contemporary issues and perspectives in feminist theory and their relation to divergent feminist practices. *Even Fall*

CAH-PHIL

PHM 3401 - Philosophy of Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010, PHI 2630, PHI 3670, or POS 2041.

Study of the nature of, and justifications for, law and punishment. Examination of the concepts of legal personhood, rights and responsibilities. *Spring*

CAH-PHIL

PHM 4031 - Environmental Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 3640, PHI 2630, or C.I.

Major contemporary positions in environmental philosophy, including deep ecology, ecofeminism, and social ecology. *Occasional*

CAH-PHIL

PHP 3781 - African-American Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010.

Analysis of contemporary African-American philosophy and overview of Black philosophy from slavery era writings to the present. *Occasional*

CAH-PHIL

PHP 3783 - Modernity as a Philosophical Problem

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or PHI 3640 or C.I.

Modernity in the philosophies of Kant, Hegel, Nietzsche, Heidegger, Derrida, Rorty, and others. *Occasional*

CAH-PHIL

PHP 3786 - Existentialism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing or PHI 2010 or C.I.

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. *Odd Fall*

CAH-PHIL

PHP 4782 - Phenomenology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and three Philosophy courses.

The philosophy developed in the 20th century in the writings of Husserl, Heidegger, Sartre, Merleau-Ponty, De Beauvoir and Derrida.
Odd Spring

CAH-PHIL

PHP 4931 - Key Figures in Philosophy

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Study of a central figure in philosophy's work, influences, reception and effect. May be repeated for credit only when course content is different. *Occasional*

CAH-PHIL

PHP 4933 - Key Concepts in Philosophy

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHI 2010 or C.I.

Study of the development, meaning, and implications of a central concept in Philosophy. May be repeated for credit only when course content is different. *Occasional*

CAH-PHIL

PHT 3069 - Physical Assessment

Credit Hours: 1
Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): None. Corequisite(s):

PHT 3069L. Prerequisite(s) or Corequisite(s): None.

Extensive theory and practice in the examination of the patient. Incorporates a systems approach, utilizing screening and patient problem solving. *Occasional*

HPA-HP

PHT 3069L - Physical Assessment Lab

Credit Hours: 2
Class Hours: 0
Lab and Field Work Hours: 4
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHT 3069.

Lab course emphasizing the examinations required to perform an evaluation of a physical therapy patient. *Occasional*

HPA-HP

PHT 3112 - Gross Anatomy/Neuroscience I

Credit Hours: 2
Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): PHT 3112L. Prerequisite(s) or Corequisite(s): Admission into the Physical Therapy program.

In-depth study of human morphology emphasizing the back, spinal cord, cranial nerves, and upper lower extremities. Regional cadaver dissection. *Occasional*

HPA-HP

PHT 3112L - Gross Anatomy / Neuroscience I Lab

Credit Hours: 3
Class Hours: 0
Lab and Field Work Hours: 48
Contact Hours: 48
Prerequisite(s): ZOO 3733C or PCB 3703C Corequisite(s): PHT 3112

Human cadaver dissection of the back, spinal cord, cranial nerves, and upper and lower extremities 70

School of Kinesiology and Physical Therapy

PHT 3113 - Gross Anatomy/Neuroscience II

Credit Hours: 2
Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): PHT 3113L. Prerequisite(s) or Corequisite(s): PHT 3112; PHT 3112L.

In-depth study of human morphology emphasizing the brain, the cervical spine, pelvis, and the internal organs. *Occasional*

HPA-HP

PHT 3113L - Gross Anatomy/Neuroscience II Lab

Credit Hours: 3
Class Hours: 0
Lab and Field Work Hours: 48
Contact Hours: 48
Prerequisite(s): PHT3112L
Corequisite(s): PHT 3113

Directed laboratory experiences with cadaver dissection focusing on central nervous system and all internal organs. 70

School of Kinesiology and Physical Therapy

PHT 3122 - Clinical Kinesiology

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): PHT 3122L. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

HPA-HP

PHT 3122L - Clinical Kinesiology Lab

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): PHT 3122. Prerequisite(s) or Corequisite(s): None.

Lab course investigating the mechanical aspects of human movement. *Occasional*

HPA-HP

PHT 3155 - Physiology of Therapeutic Exercise

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 3155L. Prerequisite(s) or Corequisite(s): PHT 3259.

Exercise physiology investigating the physiological responses and adaptations to human movement including cardiovascular and pulmonary systems. *Occasional*

HPA-HP

PHT 3155L - Physiology of Therapeutic Exercise Lab

Credit Hours: 2

Class Hours: 0

Lab and Field Work Hours: 4

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): PHT 3155. Prerequisite(s) or Corequisite(s): None.

Lab course emphasizing the clinical application of exercise physiology. *Occasional*

HPA-HP

PHT 3259 - Patient Care Skills

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 3259. Prerequisite(s) or Corequisite(s): None.

Affective, cognitive, and psychomotor skills applied to patient care. Diversity issues discussed. Basic skills of patient care; transfers, mobility skills, draping, gait training. *Occasional*

HPA-HP

PHT 4222 - Therapeutic Exercise I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 4222L. Prerequisite(s) or Corequisite(s): PHT 3155; PHT 3155L.

Theory of developing, implementing, and evaluating a therapeutic exercise program for patients with musculoskeletal dysfunction. *Occasional*

HPA-HP

PHT 4222L - Therapeutic Exercise I Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 4222. Prerequisite(s) or Corequisite(s): None.

Lab course emphasizing therapeutic exercise skills for the treatment of patients with musculoskeletal dysfunction. *Occasional*

HPA-HP

PHT 4230 - Therapeutic Exercise II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 4230L. Prerequisite(s) or Corequisite(s): PHT 4222; PHT 4222L.

Exploration of the various therapeutic exercise modalities, and their application to the rehabilitation course treatment. *Occasional*

HPA-HP

PHT 4230L - Therapeutic Exercise II Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PHT 4230. Prerequisite(s) or Corequisite(s): None.

Lab course emphasizing use of various therapeutic exercise modalities. *Occasional*

HPA-HP

PHY 1029 - Household Physics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: N.A.

A hands-on, exploration-oriented course intended to help non-science major students understand physics involved in everyday items around the house. *Spring*

PHY 1038 - Physics of Energy, Climate Change and Environment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*

COS-PHYS

PHY 1935 - Freshman Physics Seminar

Credit Hours: 1

Class Hours: 1

Lab and Field Work Hours: 0

Contact Hours: 1

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Introduction to physics and the Physics Department research groups to prepare students for a successful physics career. *Odd Fall*

COS-PHYS

PHY 2020 - Concepts of Physics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Fall*

COS-PHYS

PHY 2048C - General Physics Using Calculus I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2311C (or

equivalent) with grade "C" (2.0) or

better.

Mechanics, Thermodynamics, fluids. *Fall, Spring 0*

COS-PHYS

PHY 2048C - Honors General Physics Using Calculus I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2311C (or

equivalent) with grade "C" (2.0) or

better, and permission of Honors.

Same as PHY 2048C with honors-level content. *Fall, Spring*

COS-PHYS

PHY 2049C - General Physics Using Calculus II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2312 and PHY

2048C with grades "C" (2.0) or

better.

Electricity, magnetism, optics. *Fall, Spring 0*

COS-PHYS

PHY 2049C - Honors General Physics Using Calculus II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2312 and PHY

2048C with grades "C" (2.0) or

better, and permission of Honors.

Same as PHY 2049C with honors-level content. *Fall, Spring*

COS-PHYS

PHY 2053C - College Physics I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 1105C and

MAC 1114C or equivalent or C.I.

Mechanics, waves, thermodynamics. *Fall, Spring 0*

COS-PHYS

PHY 2053C - Honors College Physics I

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 1105C and

MAC 1114C or C.I. and consent of

Honors.

Mechanics, waves, thermodynamics. With Honors content. *Fall*

COS-PHYS

PHY 2054C - College Physics II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHY 2053C.

Fluids, electricity and magnetism, optics, x-rays, radioactivity. *Fall, Spring 0*

COS-PHYS

PHY 2054C - Honors College Physics II

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PHY 2053C and

consent of Honors.

Fluids, electricity, and magnetism, optics, x-rays, radioactivity. With Honors content. *Spring*

COS-PHYS

PHY 3101 - General Physics Using Calculus III

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): MAC 2313, and PHY 2049C or PHY 2054.

Thermodynamics, oscillations, modern physics. *Fall, Spring*

COS-PHYS

PHY 3101H - Honors General Physics Using Calculus III

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2049C, MAC 2313, and consent of Honors.

Same as PHY 3101 with honors-level content. *Fall, Spring*

COS-PHYS

PHY 3220 - Mechanics I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2048C or PHY 2048H, MAP 2302.

Particle dynamics, rigid bodies, Lagrangian formulation of mechanics, Hamilton's equations. *Spring*

COS-PHYS

PHY 3323 - Electricity and Magnetism I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2049C, MAP 2302.

Electrostatics, magnetostatics, Lorentz force current electricity, Maxwell's equations. *Fall*

COS-PHYS

PHY 3513 - Thermal and Statistical Physics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or PHY 3101H or C.I.

Thermodynamics, kinetic theory, elements of statistical mechanics. *Fall*

COS-PHYS

PHY 3722C - Physics Laboratory-Electronics

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 5

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2049C.

State-of-the-art electronics, transducers, operational amplifiers, phase sensitive circuits, active filters. *Occasional 0*

COS-PHYS

PHY 3752C - Physics of Scientific Instruments

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 5

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or C.I.

Applications, functions and operation of electronic instruments. *Occasional 0*

COS-PHYS

PHY 3802L - Intermediate Physics Laboratory

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 5

Contact Hours: 6

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or C.I.

Laboratory work in basic measurements of physical constants; experiments in electronics, modern physics, nuclear physics, optics, and solid state physics. May be repeated for credit. *Fall*

COS-PHYS

PHY 3945 - Physics Pedagogy Seminar

Credit Hours: 1

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2048C or PHY 2053C.

Designed for students serving as Learning Assistants in the physics department and will help LAs to integrate educational theory, pedagogy and practice. May be used in the degree program a maximum of 2 times. *Occasional Graded S/U.*

COS-PHYS

PHY 4012 - Teaching Introductory Physics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or C.I.

Students build specialized matter required for teaching introductory physics by reviewing variety of physics concepts integrated with coherent teaching methods. *Odd Spring*

COS-PHYS

PHY 4254 - Physics of Fluids and Biofluids

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3513, PHY 3323, and MAP 2302, or C.I.

Ideal fluids; basic equation of fluid flow; viscous flow, instability and turbulence; thermal and mass transfers in fluids; biofluid mechanics of blood circulation. *Even Spring*

COS-PHYS

PHY 4324 - Electricity and Magnetism II

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3323.

Dielectrics, magnetic materials, electromagnetic waves, reflection, complex impedance, static solutions to Laplace's Equation, radiation from an accelerated charge and antennae, special relativity. *Spring*

COS-PHYS

PHY 4424 - Optics

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 and PHY 3323.

Wave optics, absorption, stimulated emission, lasers, transforms, coherence, holography. *Occasional*

COS-PHYS

PHY 4445 - Lasers

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101, MAP 2302, PHY 4424, or C.I.

Principles of laser gain media, properties of resonators and modes, and description of specific laser systems. *Occasional*

COS-PHYS

PHY 4604 - Wave Mechanics I

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHZ 3113 and PHY 3220

Postulates of quantum mechanics, operators and observables, Schroedinger equation with simple applications. *Odd Fall*

COS-PHYS

PHY 4605 - Wave Mechanics II

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): PHY 4604.

Further applications of quantum mechanics, perturbation theory, scattering theory, identical particles. *Spring*

COS-PHYS

PHY 4803L - Advanced Physics Laboratory

Credit Hours: 3
 Class Hours: 1
 Lab and Field Work Hours: 5
 Contact Hours: 6
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3802L.

Experiments in optics, electronics, nuclear and solid state physics. Emphasis on design, data, and scientific writing. *Occasional*

COS-PHYS

PHZ 3113 - Introduction to Theoretical Methods of Physics

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): MAP 2302

Analytical techniques to solve problems of physics. *Spring*

COS-PHYS

PHZ 3150 - Introduction to Numerical Computing

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): MAC 2311C, or CI

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. *Fall, Spring*

COS-PHYS

PHZ 3151 - Computer Methods in Physics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101.

Non-analytical problems in physics and astronomy solved by approximation with computer assistance. *Occasional*

COS-PHYS

PHZ 3361 - The Interaction of Radiation with Matter and its Measurement

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: PHY 2054 or PHY 2049

Radiation interaction with matter. Ionization chambers. Proportional and Geiger counters. Scintillation and scintillation counters. Semiconductor detectors. Single and Multichannel Analyzers. Gama ray and neutron detectors. Biological effects. *Fall*

PHZ 3422 - Nanophysics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or C.I.

Physical phenomena occurring in nanometer-length scale, including nano colloids, and nano transport. *Occasional*

COS-PHYS

PHZ 3464 - Nanoscience II: Technological Applications

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (PHY 2049C or PHY 2054C), and (CHM 2045C or CHS 1440)

Provides a comprehensive summary of the most relevant experimental advances in nanoscience and their applications in current technologies as well as their potential for future emerging technologies. *Spring*

COS-PHYS

PHZ 3601 - Einstein's Theory of Relativity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 2049.

Einstein's special theory of relativity. Introduction to general relativity. *Occasional*

COS-PHYS

PHZ 4390 - Nuclear and Particle Physics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 4605 or C.I.

The properties of the nuclei and the fundamental particles and how the universe is built from particles. *Occasional*

COS-PHYS

PHZ 4404 - Solid State Physics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PHY 3513 or C.I.
Corequisite(s): None.

Atomic binding, crystalline structure, diffraction and reciprocal lattice, lattice vibration, phonons, electrons in solids, energy bands, semiconductors. *Spring*

COS-PHYS

PHZ 4434 - Nanoscale Surface Physics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PHY 3101 or C.I.

Physical and chemical properties of nanoscale surfaces. *Even Fall*

COS-PHYS

PHZ 4624 - General Relativity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: PHY 3101 or CI

The underpinnings and mathematics of the General Theory of Relativity, including applications to black holes, gravitational waves, and cosmology. *Occasional*

PLA 3014 - Law and the Legal System

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1101
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1101

A survey course designed to familiarize the student with the American legal system, ethical

considerations, terminology, legal reasoning, and the role of the legal assistant. *Fall, Spring*

HPA-LS

PLA 3108 - Legal Research

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

A study of the various research tools used in legal investigation and the methods used to conduct legal research. *Fall, Spring*

HPA-LS

PLA 3155 - Legal Writing

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PLA 3108.

A study of legal writing format and technique and the preparation of memoranda and other legal documents, using research skills learned in PLA 3108. *Fall, Spring*

HPA-LS

PLA 3205 - Civil Practice and Procedure

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

The student becomes familiar with the Florida civil procedure before trial and acquires the ability to prepare basic pleadings. *Fall, Spring*

HPA-LS

PLA 3277 - The Law of Torts

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Theories governing liability for civil injuries not arising from contractual obligations; systems and procedures used in preparation, trial and appeal of torts cases. *Spring*

HPA-LS

PLA 3306 - Criminal Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Basic concepts of substantive criminal law. The course includes examination of elements of major crimes, criminal responsibility, legal defenses, and parties to crime. *Fall, Spring*

HPA-LS

PLA 3309 - Criminal Procedure

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Rules of criminal procedure, with emphasis on Florida rules, including right to counsel, bail, search and seizure, arrest, identification, trial, and post-trial proceedings. *Fall, Spring*

HPA-LS

PLA 3615 - Property and Real Estate Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Study of the law of real and personal property; real estate transactions and conveyances; closing procedures and title problems. *Fall, Spring*

HPA-LS

PLA 3871 - Law and Technology: Drones and Artificial Intelligence

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None.

This course prepares students to critically analyze the law as a driver and inhibitor of technology by examining innovations in automated and unmanned aircraft. *Spring*

HPA-LS

PLA 3871H - Honors Law and Technology: Drones and Artificial Intelligence

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102; Consent of Honors

This course prepares students to critically analyze the law as a driver and inhibitor of technology by examining innovations in automated and unmanned aircraft. *Fall, Spring*

HPA-LS

PLA 3951H - Honors Moot Court

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing and Consent of Honors, and C.I.

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. *Fall*

HPA-LS

PLA 4020 - Law and Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Examination of the relationship between law and American society including the impact on the legal system and legal profession of major social movements. *Spring*

HPA-LS

PLA 4022 - Contemporary Issues in Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC1102
Corequisite(s): None.

Analyze contemporary legal issues and interplay between state and federal law applications. Topics track current social legal issues. Can repeat twice when content is different. *Fall, Spring*

HPA-LS

PLA 4081 - Rhetoric & The Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102

Analysis of the law from a rhetorical perspective, examination of legal arguments leading to creation of original proposal for a new or amended law. *Even Fall, Odd Fall*

Department of Legal Studies

PLA 4160H - Honors Law on Trial: Empirical Legal Scholarship

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ENC1102 and Honors (if approved)

Examine and analyze legal questions through the lens of social science and empirical study; Student will be introduced to empirical legal research. *Fall*

PLA 4226 - Advanced Trial Advocacy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (PLA 4910 and Junior Standing) or C.I.

Litigation and trials at an advanced level; students must handle a trial from beginning to end. May be repeated for credit. *Fall, Spring*

HPA-LS

PLA 4240 - Negotiation Alternatives in Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Theories and skills involved in negotiation, mediation and other dispute resolutions processes. *Fall, Spring*

HPA-LS

PLA 4263 - Evidence

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

An examination of statutes and cases that define rules of evidence for trial courts. Primary emphasis is on the Florida Evidence Code. *Fall, Spring*

HPA-LS

PLA 4410 - Intellectual Property Law and Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None.

This course provides a comprehensive understanding of intellectual property law and practice based on the four areas of trademark, copyright, patent and trade secrets. *Spring*

HPA-LS

PLA 4410H - Hon: Intellectual Property Law and Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Junior Standing; Consent of honors

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. *Occasional*

PLA 4424 - The Law of Contracts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Study of the basic law of contracts as developed in Anglo-American law and as changed by modern statutes, including the Uniform Commercial Code. Florida contract law will be emphasized. *Fall*

HPA-LS

PLA 4436 - Florida Partnerships and Corporations**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Statutory requirements of Florida partnerships and corporations; creation and dissolution of business organizations, responsibilities of officers and basic rights of stockholders. *Spring*

HPA-LS

PLA 4464 - Bankruptcy Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

This course will acquaint the student with the substantive law and procedures associated with the rights and obligations of debtors and creditors. *Fall*

HPA-LS

PLA 4472 - Employment Discrimination Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

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. *Spring*

HPA-LS

PLA 4485 - Administrative Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

The law regarding governmental agencies with emphasis on the administrative process, Administrative Procedures Acts and special problems of state administrative law. *Fall*

HPA-LS

PLA 4510 - Law and Emotion**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1102.

An interdisciplinary survey covering the intersection of law and the various emotions that constitute the human experience. *Even Fall, Odd Fall*

Department of Legal Studies

PLA 4511 - Law and Human Behavior**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1102

A multidisciplinary examination of issues arising from the relationships between human behavior and the law, the legal system, and the legal process. *Even Spring, Odd Spring*

Department of Legal Studies

PLA 4521 - World Hunger Morality & the Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): Junior Standing and
C.I.

Examine world hunger as a complex issue of sustainable human development, root causes and consequences of domestic and global hunger, and effect on legal systems. *Spring*

HPA-LS

PLA 4530 - Legal Issues of the Elderly**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Legal concerns faced by older Americans as they plan their later years and seek to maximize their personal autonomy. *Spring*

HPA-LS

PLA 4545 - Military Law - the Law of War**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): ENC 1102

This course will explore the nature and purpose of the United States law affecting military personnel and operations, including a comparative

examination of the military justice system, the extent to which service members' constitutional rights are different than those of other United States citizens, and the law of armed conflict. *Even Fall, Odd Fall*

Department of Legal Studies

PLA 4554 - Environmental Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Environmental law and policy related to the protection of natural resources, including an examination of toxic pollutants, endangered species, and climate change. *Fall*

HPA-LS

PLA 4571 - Intercultural Legal Competence

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102.

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. *2 Even Spring, Odd Spring*

Department of Legal Studies

PLA 4583 - Cyber Law I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of copyright, trademark, and patent issues in cyberspace. *Occasional*

HPA-LS

PLA 4607 - Estates and Trusts

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

A study of wills and trusts, and applicable legal principles of administration of estates through the processes of the Probate Court. *Fall*

HPA-LS

PLA 4609 - Estate Administration

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (PLA 4607 and Junior standing) or C.I.

Study of the laws and procedures applicable to administration of estates. *Occasional*

HPA-LS

PLA 4617 - Urban Development Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102

Study of the legal, socio, political, and financial forces shaping development of urban centers in America, from the late twentieth to early twenty-first century.

Department of Legal Studies

PLA 4703 - Professional Ethics and Liability

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Ethical responsibilities of professionals, canons of legal ethics, liability for professional malpractice. *Fall, Spring*

HPA-LS

PLA 4705 - Professionalism & Civility in the Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: PLA3155

This class will provide students guidance as they interact in a real-world setting as legal professionals while strengthening their research and writing skills. *Fall, Spring, Summer*

PLA 4734 - Advanced Legal Applications Computer Software

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Course will acquaint students with contemporary computer software applications used to satisfy the demands of today's law firms and law-related fields. *Even Spring*

HPA-LS

PLA 4764 - Law Office Practices

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Organization, operation and

management of law office.
Interviewing techniques and
practical application of work that is
done in a law office. *Fall*

HPA-LS

**PLA 4806 - Domestic Relations
Law**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

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. *Fall, Spring*

HPA-LS

PLA 4807 - Adoption Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102

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. *Even Spring, Odd
Spring*

Department of Legal Studies

**PLA 4813 - Juvenile Law and
Procedure**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Examines both the substantive and
procedural law for juvenile
delinquency and dependency.
Emphasis on Florida law and
comparison with other jurisdictions.
Spring

HPA-LS

PLA 4823 - Sports Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Introduction to the legal issues and
regulation of sports, focusing on
torts, contracts, agency and
constitutional law as applied to
athletes. *Spring*

HPA-LS

**PLA 4824 - Legal Issues for
Athletic Trainers**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ATR 3102 and
Athletic Training major.

Analysis of the legal issues affecting
athletic trainers. *Occasional*

HPA-LS

PLA 4825 - Entertainment Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

Introduction to the control and
regulation of the entertainment
industry and the associated legal
issues. *Fall*

HPA-LS

PLA 4830 - World Legal Systems

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): ENC 1102

An examination of various legal
traditions and systems of the World.
Substantive and procedural laws will
be examined. *Fall*

HPA-LS

**PLA 4834 - Study Abroad: US/UK
Comparative Law**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 and junior
standing. Corequisite(s): None.

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.
Occasional

HPA-LS

**PLA 4843 - Immigration Law and
Policy**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None.

Major topics in U.S. immigration
law to include the statutory,
historical, and procedural
foundations of U.S. immigration law
and policy. *Fall*

HPA-LS

PLA 4861 - Aviation Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): ENC 1102.
Corequisite(s): None.

The law as it applies to aviation and aerospace activities domestically and internationally, including post-9/11 national aviation policy and emerging technologies (drones). *Fall*

HPA-LS

PLA 4864 - Admiralty and Maritime Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102.
Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Admiralty jurisdiction and procedure including contracts for carriage of goods, seaman's contracts and claims, collision and salvage law, and wrongful death. *Spring*

HPA-LS

PLA 4886 - Sexuality, Gender, & the Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ENC1102

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 *Odd Fall*

PLA 4887 - Law, Social Science, and the Criminal Courts

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): ENC 1102.

Critically examine the use of social science in legal decision-making, particularly focusing on controversies decided by the Supreme Court of the United States.

Even Spring, Odd Spring

Department of Legal Studies

PLA 4910 - Trial Advocacy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102
Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102

Analysis of the entire litigation process from the initial client interview through the appellate stage, and development of oral advocacy skills. *Spring*

HPA-LS

PLA 4935 - Capstone: Legal Issues

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Senior status, PLA 4xxx Professionalism and Civility in Law, Legal Studies major.
Corequisite(s): None.

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. *Fall, Spring*

HPA-LS

PLA 4956 - Undergraduate Law Journal

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): PLA 3155 and Consent of Instructor.

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. *Even Spring, Odd Spring*

Department of Legal Studies

POR 1120C - Elementary Portuguese Language and Civilization I

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

CAH-LANG

POR 1121C - Elementary Portuguese Language and Civilization II

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 1120C or C.I.

Continuation of POR 1120C. The course emphasizes the four major language skills: reading, writing, listening, and speaking. *Spring*

CAH-LANG

POR 2200 - Intermediate Portuguese I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 1120C or equivalent or C.I.

Development of Portuguese language skills at the intermediate level. *Fall, Spring*

CAH-LANG

POR 2201 - Intermediate Portuguese II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 2200 or equivalent or C.I.

Continuation of POR 2200 with emphasis on Portuguese cultures.
Fall, Spring

CAH-LANG

POR 3140 - Accelerated Portuguese for Speakers of Romance Languages

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FRE 2201, or ITA 2201, or SPN 2201, or course equivalent.

Accelerated Portuguese for proficient speakers of Romance Languages. It is expected that students have no prior knowledge of Portuguese. *Occasional*

CAH-LANG

POR 3300 - Portuguese Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 2201 or C.I.

Enhance and develop student's ability to communicate in written Portuguese. *Spring*

CAH-LANG

POR 3301 - Advanced Portuguese Grammar and Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 2201 or C.I.

Develop student's proficiency in reading and writing of the Portuguese Language. *Fall*

CAH-LANG

POR 3413 - Advanced Portuguese Oral Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 2201 or C.I.

Develop student's skills at an advanced level, focusing substantially on speaking and listening activities. *Spring*

CAH-LANG

POR 3440 - Business Portuguese

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 2201 or C.I.

Prepares students for careers in business and other professions involving business activities in Portuguesespeaking environments around the world and in the U.S. *Occasional*

CAH-LANG

POR 3450 - Luso-Afro-Brazilian Triangle

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POR 3301 or POR 3300 or POR 3413 or C.I.

Examines three historical components of the South Atlantic in terms of history, culture, and contemporary political and economic consequences as these influence Lusophone literature. *Occasional*

CAH-LANG

POS 2012 - Working in Politics

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 0
Contact Hours: 1
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1101, or CI.

Prepares students for the practical elements of working in politics. Offers professional development in areas such as communication, resume writing, and confidentiality among others. *Fall, Spring*

COS-POLS

POS 2041 - American National Government

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of the dynamics of American national government, including its structure, organization, powers, and procedures. *Fall, Spring*

COS-POLS

POS 2041H - Honors American National Government

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

Same as POS 2041 with honors-level content *Occasional*

COS-POLS

POS 3076 - American Indian Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Politics and policies specific to indigenous peoples of the United States. *Occasional*

COS-POLS

POS 3122 - State Government and Public Policy

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

A comparative study of American state governments, political processes, and public policies, with emphasis on Florida. *Occasional*

COS-POLS

POS 3122H - Honors State Government and Public Policy

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I. and permission of Honors.

A comparative study of American

state governments, political processes, and public policies, with emphasis on Florida. With Honors content. *Occasional*

COS-POLS

POS 3173 - Southern Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Study of southern politics past and present. Emphasis on factors effecting changes in the region and the states. Southern and national relationship examined. *Occasional*

COS-POLS

POS 3182 - Florida Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Examines the foundations of Florida government and political behavior, political institutions, and public policy. *Occasional*

COS-POLS

POS 3182H - Honors Florida Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I., and consent of Honors.

Foundations of Florida government and political behavior, political institutions, and public policy. With Honors content. *Occasional*

COS-POLS

POS 3233 - Public Opinion

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing or C.I.

Nature, impact and development of public opinion, emphasizing the influence of race, gender, age, and class on opinions, voting, and political behavior. *Fall*

COS-POLS

POS 3234 - Protest in American Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Connections between politics and protest in American politics including its impact on policy, and the implications of the generalization of protest for democracy. *Occasional*

COS-POLS

POS 3235 - Mass Media and Politics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

Influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies. *Occasional*

COS-POLS

POS 3235H - Honors Mass Media and Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I., consent of Honors.

Influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies. With Honors content. *Occasional*

COS-POLS

POS 3258 - Politics in Film

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

The influence of motion pictures on popular understanding of American and international politics. *Even Fall*

COS-POLS

POS 3272 - Civic Engagement

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and either PAD 3003 or POS 2041 or C.I.

Formal and informal civic engagement in the United States across levels of government, sectors of society, and modes of interaction. *Even Fall, Even Spring*

COS-POLS

POS 3273 - Voting and Elections

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Theoretical and substantive inquiry into U.S. electoral system; includes focus on voter behavior as well as national and state electoral systems. *Occasional*

COS-POLS

POS 3413 - The American Presidency

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

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. *Occasional*

COS-POLS

POS 3424 - Congress and the Legislative Process

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Examination of the Congress as an institution undergoing dynamic change; emphasis upon recruitment of legislators, institutional and informal rules, the committee system, legislative procedures. *Fall*

COS-POLS

POS 3443 - Political Parties and Processes

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

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. *Occasional*

COS-POLS

POS 3463 - Interest Groups

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

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. *Occasional*

COS-POLS

POS 3703 - Scope and Methods of Political Science

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

The scope and methodology of political analysis. Extensive examination of the discipline, research design and methodology. *Fall, Spring*

COS-POLS

POS 3703H - Honors Scope and Methods

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 and consent of Honors.

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. *Occasional*

COS-POLS

POS 3733 - Designing Political Science Research

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or INR 2002 or C.I.

Logic of inquiry, research design, literature review; research ethics; case studies and case selection; other qualitative methods, such as interview techniques and content analysis. *Even Spring*

COS-POLS

POS 3949 - Cooperative Education in Political Science

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 8
Contact Hours: 8
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Departmental permission required before registering.

Cooperative education experience in political science. May be repeated. *Occasional* Graded S/U.

COS-POLS

POS 4023 - The Politics of LGBTQ+ Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

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. *Occasional*

COS-POLS

POS 4030 - The Politics of Sports

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Emergent concerns in sports policy, institutional interventions in sports regulations, the politics of sports arenas and teams, and civic and political engagement through sports. *Occasional*

COS-POLS

POS 4074 - Latino Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Political characteristics of the Latino community in the United States and its impact on U.S. national and international politics and policies. *Occasional*

COS-POLS

POS 4142 - Metropolitan Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Analysis of political patterns, processes, and issues in American communities. Intergovernmental relations and structural and political arrangements in the existing and emerging metropolitan areas. *Occasional*

COS-POLS

POS 4204 - Political Behavior

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Mass political behavior, concentrating on voting and participation, primarily in the United States. *Occasional*

COS-POLS

POS 4206 - Political Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

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. *Occasional*

COS-POLS

POS 4244 - Political Socialization

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): POS 2041 or C.I.

Examines acquisition and development of political values, beliefs, attitudes, and opinions; how individuals learn about politics; and influences on political development, behavior, and opinion. *Occasional*

COS-POLS

POS 4284 - Judicial Process and Politics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS 2041 or C.I.

Study of the formal and informal judicial process. Legal culture, bureaucratic model, judicial recruitment and outputs, comparative judicial behavior. *Fall, Odd Spring*

COS-POLS

POS 4412 - Presidential Campaigning**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102.

Introduces the process of candidate selection, convention behavior, actual campaign process and the transition of power. *Occasional*

COS-POLS

POS 4603 - American Constitutional Law I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS 2041 or C.I.

Development of American federalism and national power, commerce clause, and nationalization of the economy. *Fall*

COS-POLS

POS 4604 - American Constitutional Law II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS 2041 or C.I.

Development of civil liberties and civil rights in the American federal system. *Spring*

COS-POLS

POS 4622 - Politics and Civil Rights**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS 2041 or C.I.

Examination of civil rights issues in the context of political behavior, political institutions and public policy since 1865. *Occasional*

COS-POLS

POS 4623 - Guns, Freedom and Citizenship**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): POS 2041, or CI

Examines the relationship between individual gun ownership and the meaning of freedom, citizenship, and rights in the United States and selected countries. *Occasional*

COS-POLS

POS 4700 - Teaching American Politics and Government**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): POS 2041 or C.I.

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. *Fall*

COS-POLS

POS 4764 - GIS for Political Analysis**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): POS 2041 and ENC 1102.

Use of mapping and other spatial methods in political science research. *Occasional*

COS-POLS

POS 4941 - Political Science Internship**Credit Hours: 3-9**

Class Hours: 0

Lab and Field Work Hours: 3-9

Contact Hours: 3-9

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or
Corequisite(s): C.I.

Internship working with the national,
state, county or municipal
government. Assignments with
selected civic organizations, elected
or appointed officials. May be
repeated for credit. *Occasional*

COS-POLS

POS 4961 - Exit Course

Credit Hours: 0

Class Hours: 0
Lab and Field Work Hours: 0
Contact Hours: 0
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): POS 2041 and Senior
Standing.

Complete the departmental exit exam
during the semester of graduation.
Fall, Spring 50

COS-POLS

POT 3204 - American Political Thought

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102 or POS
2041 or C.I.

From its sources to the 20th century,
including liberalism, puritanism, the
Federalist, the rise of industrialism,
resulting social movements, modern
variations. *Odd Fall*

COS-POLS

POT 3302 - Modern Political Ideologies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102.

A study of modern ideologies since
the French Revolution including
liberalism, conservatism, capitalism,
nationalism, fascism and anarchism.
Occasional

COS-POLS

POT 4003 - Political Theory

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102.

Examination of various normative
approaches to the study of political
science, stressing contemporary
developments in the field.
Occasional

COS-POLS

POT 4025 - Ancient, Medieval and Early Modern Political Philosophy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102.

Study of the development of political
and social ideas in western thought
from early Greece through the 17th
century. *Occasional*

COS-POLS

POT 4066 - Contemporary Political Theory

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102.

Study of the contemporary debate
about the status of rights,
utilitarianism, and liberalism, and

communitarian Marxist, libertarian,
and feminist critiques of liberalism.
Occasional

COS-POLS

POT 4109 - Politics and Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): Junior standing or
C.I.

An examination of politics and the
political process through the medium
of literature. *Occasional*

COS-POLS

POT 4109H - Honors Politics and Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): Junior standing.

Politics and political process through
the medium of literature. *Occasional*

COS-POLS

POT 4305 - Democracy, Capitalism, and the Individual

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): POS 2041 or C.I.

An examination of the institutions of
capitalism and democracy as the
means of organizing, respectively, an
economy and a polity. *Fall*

COS-POLS

POT 4314 - Contemporary Democratic Theory

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS

2041 or C.I.

Study of democratic theories, emphasizing liberal democracy and its critics, elitist theories, participatory democracy, citizen participation, and relevance of empirical research to democratic theory. *Occasional*

COS-POLS

POT 4331 - Utopia/Dystopia**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102.

Examines political issues, such as justice, economic distribution and social organization by exploring both classic and contemporary utopias and dystopias. *Occasional*

COS-POLS

POT 4345 - Pan-Africanist Thought**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): INR 2002 or C.I.

Philosophical assumptions, theoretical frameworks, ideological orientations and social/political thinkers that have contributed to the tradition of Pan-Africanist thought. *Occasional*

COS-POLS

POT 4632 - Religion and Politics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS

2041 or C.I.

Institutional and individual relationship of religion and politics including globalization, fundamentalism, secularization, American exceptionalism, political behavior, and the religious origins of current secular concepts. *Occasional*

COS-POLS

PPE 3003 - Personality Theory and Research**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012.

A survey of theory and research on the development of personality characteristics. *Fall, Spring*

COS-PSYCH

PPE 3003H - Honors Personality Theory**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012 and

Consent of Burnett Honors College.

Theory and research on the development of personality characteristics. With Honors content. *Occasional*

COS-PSYCH

PSB 3002 - Physiological Psychology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012.

The physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. *Fall, Spring*

COS-PSYCH

PSB 3002H - Honors Physiological Psychology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012H and

consent of Honors.

Physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. With Honors content. *Occasional*

COS-PSYCH

PSB 3441 - Psychobiological Aspects of Drugs**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012.

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. *Spring*

COS-PSYCH

PSB 3842 - Sleep and Dreams**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

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. *Occasional*

COS-PSYCH

PSB 4240 - Neuropsychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSB 3002.

Study of brain function, with particular emphasis on human behavior. *Fall, Odd Spring*

COS-PSYCH

PSC 1121 - Physical Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): High school algebra or MAC 1105C.

Fundamental laws of mechanics, heat, waves, electricity, magnetism; chemical processes and equations, properties of gases, liquids, solids, solutions. *Fall, Spring*

COS-PHYS

PSC 1121L - Physical Science Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 2

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): PSC 1121. Prerequisite(s) or Corequisite(s): None.

Experiments to apply the scientific method to observation and analysis in mechanics, heat, light, electricity and magnetism, chemical and physical transformations. *Fall, Spring 0*

COS-PHYS

PSC 1801 - Physics in Films

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): High school algebra.

Physics using film as a vehicle of education. Not open to students with credit in PSC 1121. *Occasional*

COS-PHYS

PSC 3911 - FLC Physical Science Capstone R/I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Junior or Senior level in chemistry or physics and C.I

Summer capstone course with extra-mural partners, including physics and chemistry departments of the Florida Consortium of Metropolitan Universities, National laboratories and local industry. *Spring*

PSY 2012 - General Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity. *Fall, Spring*

COS-PSYCH

PSY 2012H - Honors General Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity. Honors-level content. *Fall, Spring*

COS-PSYCH

PSY 3022C - Academic Counseling

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 8

Contact Hours: 9

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

Psychology majors only. Research findings, theory, models and techniques of academic counseling and career advising. *Fall, Spring* Graded S/U.

COS-PSYCH

PSY 3024 - Psychology: Career Readiness I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

What it means to be a psychology major, career opportunities upon graduation, and different graduate school paths. *Fall, Spring* Graded S/U.

COS-PSYCH

PSY 3028 - Psychology of Career Development

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012 or C.I.

Review of career development theories and current psychological literature on career decision-making. Examination of career development in psychology including educational entry requirements and related issues. *Occasional*

COS-PSYCH

PSY 3074 - Psychology: Career Readiness II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): PSY 2012 and PSY 3023 and Psychology BS major.

Corequisite(s): None.

Focuses on developing employability and taking steps toward individual career goals, in Psychology. *Fall, Spring*

COS-PSYCH

PSY 3204C - Honors Statistical Methods in Psychology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): Consent of Honors, PSY 2012, and either STA 2014C or STA 2023, or C.I.

Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology. With Honors content. *Occasional*

COS-PSYCH

PSY 3204C - Statistical Methods in Psychology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012, and either STA 2014C or STA 2023; or C.I.

Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology. *Occasional*

COS-PSYCH

PSY 3213C - Honors Research Methods in Psychology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): PSY 2012, PSY 3204C and STA 2014C or STA 2023 and consent of the Honors College Corequisite(s): None.

Investigation of experimental designs and research methods utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format. With Honors content. *Occasional*

Department of Psychology

PSY 3213C - Research Methods in Psychology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): PSY 2012, PSY 3204C, and either STA 2014C or STA 2023.

Corequisite(s): None.

Investigation of experimental designs and research methods

utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format. *Fall, Spring*

Department of Psychology

PSY 3302 - Psychological Measurement

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012 and STA 2014C or STA 2023.

A study of the theory underlying psychological tests and measurements procedures, including reliability, validity, and item analysis. *Occasional*

COS-PSYCH

PSY 3320C - Survey Methods in Psychology

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 3204C.

Sampling methods, questionnaire construction, and interpretation of results. *Occasional*

COS-PSYCH

PSY 3625 - Science and Pseudoscience in Psychology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): PSY 2012 or C.I.

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. *Occasional*

COS-PSYCH

PSY 3630 - Psychology of Human-Animal Interaction

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 and Psychology major, or C.I.

Psychological aspects of human relationships with animals.
Occasional

COS-PSYCH

PSY 3905 - Directed Independent Study

PSY 3951 - Undergraduate Field Work

Credit Hours: 1-9

Class Hours: 3-30
Contact Hours: 3-30
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Senior standing and C.I.

Placement in a community agency for supervised experience in applications of psychology to community problems. May be repeated for credit. *Fall, Spring* Graded S/U.

COS-PSYCH

PSY 4025 - The Psychology of Art

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Discussion of the psychological perspectives on art to gain a greater

understanding and enhanced appreciation for the process and products of creativity. *Occasional*

COS-PSYCH

PSY 4049 - Psychology Capstone

Credit Hours: 2

Class Hours: 2
Lab and Field Work Hours: 0
Contact Hours: 2
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSB 3002 and PSY 3213C and PSY 4604, and Psychology Major.

Refresh and apply knowledge in core areas of psychology to cutting edge research in applied disciplines. *Fall, Spring* Graded S/U.

COS-PSYCH

PSY 4215C - Advanced Research Methods in Psychology

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 3213C.

Design, analysis, and interpretation of complex research projects in psychology. *Fall, Spring*

COS-PSYCH

PSY 4215C - Honors Advanced Research Methods in Psychology

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 3213C and consent of honors.

Design, analysis, and interpretation of complex research projects in psychology with honors level content. *Occasional*

COS-PSYCH

PSY 4604 - History and Systems of Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 and Junior standing.

Historical development of psychology, with emphasis on classical theoretical positions.
Occasional

COS-PSYCH

PSY 4604H - Honors History and Systems in Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 and Junior standing and consent of Honors.

Historical development of psychology, with emphasis on classical theoretical positions. With Honors content. *Occasional*

COS-PSYCH

PSY 4860 - Positive Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012

The scientific study of positive human experiences. *Spring*

COS-PSYCH

PSY 4912 - Directed Independent Research

PSY 4942 - Instructional Experiences in Undergraduate Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 and CI.

Prepares undergraduate students to more effectively learn psychology concepts by facilitating learning in variety of university psychology classrooms and labs. *Occasional*
Graded S/U.

COS-PSYCH

PUP 3014 - Comparative Public Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or CPO 3103 or C.I.

Areas of public policy such as immigration, education, trade, taxation, and fiscal policy in selected countries. *Occasional*

COS-POLS

PUP 3203 - Environmental Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

An examination of politics and policymaking concerning issues of conservation, pollution and development of land, air, and water resources. *Odd Fall*

COS-POLS

PUP 3204 - Sustainability

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or Junior standing.

Environmental politics through the lens of "sustainability." Attention devoted to the relationships of culture, economics, and ecology. *Odd Fall*

COS-POLS

PUP 3204H - Honors Sustainability

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: ENC 1102 and Consent of Honors, or CI

Environmental politics through the lens of "sustainability." Attention devoted to the relationships of culture, economics, and ecology. *Occasional*

PUP 3314 - Minorities in American Politics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

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. *Occasional*

COS-POLS

PUP 4003 - American Public Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or C.I.

Policy formation, implementation and evaluation, with a focus upon contemporary American problems, including the malapportionment of societal power and social conflict. *Occasional*

COS-POLS

PUP 4209 - Urban Environmental Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or POS 2041 or C.I.

Public policy, ecology, and the urban political landscape explored by tracing their development and prospects for sustainable cities. *Occasional*

COS-POLS

PUP 4323 - Women and Public Policy

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041 or ENC 1102, or C.I.

Public policies and processes that achieve a disparate impact on women and women's lives in the United States. *Occasional*

COS-POLS

PUP 4404 - Education and Politics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Junior standing or

C.I.

Western education and the connection between citizenship and education, education funding, and the politics of education reform. *Occasional*

COS-POLS

PUP 4503 - Government and Science**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS

2041 or C.I.

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. *Occasional*

COS-POLS

PUP 4510 - Space Policy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102.

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. *Even Fall*

COS-POLS

PUP 4744 - Government and Business**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102.

Analysis of public policies regarding business. Study includes various levels of government including international organizations. *Occasional*

COS-POLS

PUP 4931 - Topics in Public Policy**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): ENC 1102 or POS

2041, or C.I.

Intensive analysis of a current policy problem. Sample topics include education, growth management, housing, affirmative action, welfare, and transportation. May be used in the degree program a maximum of 2 times. *Occasional*

COS-POLS

PUR 3004 - Public Relations and Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): One of the following;

SPC 1608, SPC 1603C, COM 1000, or C.I.

The important role public relations has played in the development of contemporary society. *Occasional*

COS-COMM

PUR 3100 - Writing for Public Relations**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Ad-PR Majors only.

Development of skills in writing for public relations. *Fall, Spring*

COS-COMM

PUR 3210 - Communication Approach to Corporate Social Responsibility**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Either SPC 1608,

SPC 1603C, COM 1000, or C.I.

A communication-based approach to corporate social responsibility. *Occasional*

COS-COMM

PUR 3210H - Honors Communication Approach to Corporate Social Responsibility**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Consent of Honors

and either SPC 1608, SPC 1603,

COM 1000, or C.I.

Advanced review of a communication based approach to corporate social responsibility. *Occasional*

COS-COMM

PUR 3912 - Collaborative Experiential Research Practicum**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Either SPC 1608, SPC 1603C, COM 1000, and C.I.

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times.
Occasional

COS-COMM

PUR 4000 - Public Relations

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPC 1608, SPC 1603C, COM 1000.

Principles and practice of Public Relations including techniques, research tools publicity, and management. *Fall, Spring*

COS-COMM

PUR 4000H - Honors Public Relations

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Consent of Honors, and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Advanced review of principles and practice of public relations including techniques, research tools, publicity and management. *Occasional*

COS-COMM

PUR 4014 - Preparing for Public Relations Certification

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PUR 4000, and ADV 4941 or PUR 4941, and senior standing, or C.I.

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. *Fall, Spring*

COS-COMM

PUR 4110C - Public Relations Publications

Credit Hours: 3
Class Hours: 1
Lab and Field Work Hours: 3
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Ad-PR majors and VIC 3001.

Basic principles and techniques of desktop production of public relations publications. *Fall, Spring*

COS-COMM

PUR 4203 - PR/Advertising Ethics and Law

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Ad-PR majors only and ADV 3008.

Legal precedents applicable to advertising and public relations as well as ethical considerations for both. *Occasional*

COS-COMM

PUR 4400 - Crisis Communication

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPC 1603 or SPC 1608 or COM 1000, and Ad-PR major, or Communication and Conflict major or Mass Communication minor, or C.I.

The theory, process, and best practices of crisis communication.
Occasional

COS-COMM

PUR 4600 - PR Strategies

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PUR 4000, and Ad-PR major or Strategic Communication minor.

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. *Spring*

Department of Communication (NSCM)

PUR 4801 - Public Relations Case Studies

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Ad-PR majors only and PUR 4000 or C.I.

Discussion and analysis of public relations cases highlighting the application of PR theory to advance organizational goals *Fall, Spring*

COS-COMM

PUR 4903H - Honors Directed Reading I

PUR 4906 - Independent Study

information to make and present data driven business decisions. *Fall, Spring, Summer*

Track, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

PUR 4912 - Research

Department of Management

Principles, procedures, and current practices for teaching reading. Specific techniques and materials for word identification, content reading and comprehension. *Fall, Spring, Summer*

PUR 4941 - Internship

QMB 4700 - Managerial Decision Making

PUR 4970H - Honors Undergrad Thesis

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): GEB 3031 and MAN 3025.

Computer-based quantitative decision models (including linear programming and extensions, queuing, network models, simulation) and decision support systems for business organizations. *Occasional*

School of Teacher Education

RED 3310 - Early Reading, Writing and Language Arts

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Early Childhood Program, EEC 3700, EEC 4661, EEC 4268 and gpa 2.75 or Instructor Consent. Corequisite(s): None.

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): MAC 1105C with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to mathematical and statistical analysis of economics and business problems. *Fall, Spring*

BA-ECON

BA-MAN

QMB 3200 - Quantitative Business Tools II

REA 1105 - College Reading I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

College reading improvement focusing on content areas and advanced study skills, comprehension, vocabulary growth, reading rate, note taking, and test preparation. *Fall, Spring*

Emergent reading/writing processes during preschool, kindergarten, and first grade; methods for implementing integrated language arts curriculum; guiding developmental early childhood language experiences. *Fall, Spring*

School of Teacher Education

RED 4043 - Content Reading in Kindergarten through Grade 12

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior or senior standing.

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ECO 3401 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The use of statistical methods as scientific tools in the analysis of economics and business problems. *Fall, Spring*

BA-ECON

ED-TL&L

QMB 3602 - Business Research for Decision Making

RED 3012 - Basic Foundations of Reading

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to the Elementary Education B.S. - Pending, Elementary Education B.S - Education Track, Elementary Education B.S. - Lifelong Learning

Admission to the teacher education program. Content literacy in the K-12 school curriculum; Principles, strategies, assessment, and promising practices. *Fall, Spring*

ED-TL&L

Credit Hours: 3

Class Hours: 3

Prerequisite(s): QMB 3200 Quantitative Business Tools II

Introductory course in business research focused on the planning, collection, organization, and assimilation of quantitative

RED 4311 - Primary Reading, Writing, and Language Arts Curriculum and Assessment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing
 Corequisite(s): EEC 4235C, MAE 4300 and SCE 4304

Methodologies for teaching and assessing young children in reading, writing, and language arts in the elementary grades. *Fall, Spring*

School of Teacher Education

RED 4519 - Diagnostic and Corrective Reading Strategies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RED 3012.

An investigation of the needs of individual learners in reading instruction. Organization and techniques for promoting optimum reading growth. Concurrent school experiences required. *Fall, Spring*

ED-TL&L

RED 4942 - Practicum for Assessment and Instruction of Reading**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): RED 3012, RED 4519, and admission to Elementary Education B.S. - Education Track or Exceptional Student Education B.S.
 Corequisite(s): EDE 3942 or C.I.
 Prerequisite(s) or Corequisite(s): RED 4519.

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. *Fall, Spring*

ED-TL&L

REE 3043 - Fundamentals of Real Estate**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Sophomore standing.

Application of basic tools of economics, finance, and marketing to solve private and public sector real estate problems. *Fall, Spring*

Dr. P. Phillips School of Real Estate

REE 3433 - Real Estate Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing.

An analysis of real estate law with emphasis on Florida statutes and case law. *Fall, Spring*

BA-FIN

REE 3614 - Environmental Issues for Real Estate**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REE 3043, REE 3433; open to majors or minors which require this course.

Political, cultural, institutional and scientific mechanisms which shape environmental policy. The effects of hazard, risk and uncertainty in policy development. *Occasional*

BA-FIN

REE 4103 - Real Estate Appraisal and Valuation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIN 3403.

Focus on the fundamentals of real estate valuation utilizing tools of financial and economic analysis. *Occasional*

BA-FIN

REE 4203 - Commercial Real Estate Finance**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIN 3403; open to majors or minors which require this course.

The practice of commercial real estate finance; emphasis on lender and borrower decision making and secondary markets. *Occasional*

BA-FIN

REE 4204 - Residential Real Estate Finance**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIN 3403; open to majors or minors which require this course.

Study of the practice of residential real estate finance; emphasis on lender and borrower decision making and secondary markets. *Fall, Spring*

BA-FIN

**REE 4303 - Real Estate
Investment Analysis**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): FIN 3403.

Focus on real estate decision-making
in the private sector utilizing tools of
financial and economic analysis.
Fall, Spring

BA-FIN

**REE 4312 - Real Estate Market
Analysis**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): REE 3043.

Course applies finance and economic
tools to housing and commercial
markets, emphasis on urban housing,
real estate brokerage, effects on
market performance and
development. *Fall*

BA-FIN

**REE 4732 - Real Estate
Development**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): FIN 3403.

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. *Fall*

BA-FIN

**REE 4933 - Advanced Topics in
Real Estate**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): REE 3043 and REE
3433, or department approval.

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. *Occasional*

BA-FIN

**REL 2000 - Introduction to
Religion and Cultural Studies**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

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. *Fall*

CAH-PHIL

REL 2300 - World Religions

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Basic features and historical
background of Confucianism,
Taoism, Hinduism, Buddhism,
Judaism, Christianity, and Islam.
Fall, Spring

CAH-PHIL

**REL 2300H - Honors World
Religions**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): Permission of
Honors.

Basic features and historical
background of Confucianism,
Taoism, Hinduism, Buddhism,
Judaism, Christianity, and Islam.
Honors-level content. *Occasional*

CAH-PHIL

**REL 3101 - Religion in Popular
Culture**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): REL 2000, REL
2300 or C.I.

Exploration of traditional religion in
popular culture and popular culture
as non-traditional religion by means
of various postmodern, theoretical
perspectives with emphasis on the
religious dynamics involved but
often unnoticed in popular (secular)
culture. *Fall*

CAH-PHIL

**REL 3111 - Religion and
Philosophy Through Film**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): ENC 1102 and either
PHI 2010 or REL 2300 or FIL 1000.

Religious and philosophical themes
encountered in contemporary film. It
unites religion, philosophy and film
by means of a critique of cultural
productions of meaning, value and
purpose. *Occasional*

CAH-PHIL

REL 3112 - Religion and 20th Century Fantasy Texts

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2230 or REL 2300 or C.I.

Explorations of religion and secularity in the texts of Harry Potter, Lord of the Rings, Chronicles of Narnia, and His Dark Materials. *Occasional*

CAH-PHIL

REL 3115 - Religion, Spirituality, and Popular Music

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2230 or REL 2300.

Contemporary spiritual sensibilities encountered at the intersection of religion, philosophy, and popular music. *Odd Fall*

CAH-PHIL

REL 3123 - Asian Religions in America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300 or REL 2000.

Examines both the Euro-American assimilation of Asian religions and immigrant Asian religious communities. Explores cross-cultural exchange, religious innovation and cultural appropriation. *Even Spring*

CAH-PHIL

REL 3130 - Religion in America

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300.

Religious traditions in America, their relationship to politics, popular culture, media, and society. *Even Spring*

CAH-PHIL

REL 3320 - Moses, Jesus and Muhammad

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2230, REL 2300, or C.I.

Main themes of Judaism, Christianity, and Islam as found in the teachings of Moses, Jesus, and Muhammad. *Occasional*

CAH-PHIL

REL 3333 - Hinduism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2230, REL 2300, or C.I.

A survey of the development of Hindu thought and culture from Vedic times to the Upanashids, Epic Literature to the modern age. *Even Spring*

CAH-PHIL

REL 3340 - Buddhism

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 2230 or REL 2300 or C.I.

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. *Odd Fall, Spring*

CAH-PHIL

REL 3363 - Islam

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300 or C.I.

Development of Islamic religious thought and culture, emphasizing the teachings of the Qur'an, Hadith, Islamic law, and philosophy with special focus on perceptions of Islam in the West. *Fall*

CAH-PHIL

REL 3403 - Christianity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300.

A study of Christianity and the history of its associated beliefs, rituals, and art with special attention to issues concerning human nature, social justice, the state, just war, science, and attitudes toward women. *Occasional*

CAH-PHIL

REL 3432 - Mysticism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): HUM 3431, HUM 3435, REL 3403, REL 3320, PHH 3100, or PHH 3200 Corequisite(s): None. Prerequisite(s) or Corequisite(s): HUM 3431, HUM 3435, REL 3403, REL 3320, PHH 3100, or PHH 3200

Examines the nature and patterns of mysticism as a unique form of human experience found in various cultural and religious traditions.
Even Fall

CAH-PHIL

REL 4110 - Religion and the Arts

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): At least one of the following: HUM 2210, HUM 2230, ARH 2050, ARH 2051, or REL 2300.

Art, music, dance, and ritual practices in religious traditions, with an emphasis on contemporary society. *Occasional*

CAH-PHIL

REL 4157 - Religion and Psychoanalysis

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2300 and REL 2000.

Interactions between psychoanalysis and religion, including multiple perspectives of psychoanalytic theorists on different religious traditions and phenomena. *Even Spring*

CAH-PHIL

REL 4178 - Religion and Law

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): POS 2041.

Ideas and events which mark the relationship of religious ideation and practice, law and politics and cultural values which inform them. *Fall*

CAH-PHIL

REL 4180 - Religion and Medicine

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and REL 2300 or C.I.

A comparative study of the approaches toward medicine and healing in different religious traditions, both in the US and abroad. *Occasional*

CAH-PHIL

REL 4180H - Honors Religion and Medicine

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102H, Junior standing and Consent of Honors.

A comparative study of the approaches toward medicine and healing in different religious traditions in the U.S. and in the wider world. With Honors content. *Occasional*

CAH-PHIL

REL 4496 - Key Concepts in Religion and Cultural Studies

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2000, or C.I.

Study of the development, meaning, and implications of a central concept in Religious Studies. May be repeated for credit only when course content is different. *Occasional*

CAH-PHIL

REL 4910 - Senior Research Seminar

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Senior standing and Religious Studies major, or C.I.

Capstone course on research, developing effective oral and written communication skills. *Spring*

CAH-PHIL

REL 4936 - Key Figures in Religion and Cultural Studies

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): REL 2000, or C.I.

Study of a central figure's work, influences, and effect. May be repeated for credit only when course content is different. *Occasional*

CAH-PHIL

RMI 3011 - Principles of Risk and Insurance

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): FIN 3403.

Emphasis is on insurance as a risk-handling device, with attention given to risk assumption, risk avoidance, and loss prevention. *Spring*

BA-FIN

RTV 2100 - Writing for the Electronic Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102, RTV Major.

Practical experience in writing for various electronic media including radio, television, corporate, and digital media. Scripting requirements, writing styles and creative applications. *Fall, Spring*

COS-COMM

RTV 3007 - Development and Structure of Electronic Media and New Technology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPC 1608 or SPC 1603C or COM 1000 or C.I.

Nature of the media, the mechanics of operation of analog and digital systems, history, economics, programming, and internal and external controls. *Fall, Spring*

COS-COMM

RTV 3301 - Electronic Journalism I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Newswriting and newsgathering skills and strategies and their accompanying ethical considerations for analog and digital delivery of broadcast journalism. *Fall, Spring*
\$17.00

COS-COMM

RTV 3304 - Electronic Journalism II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Journalism major, and a minimum grade of "C" (2.0) in RTV 3301 and RTV 3321 or C. I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Journalism major, and a minimum grade of "C" (2.0) in RTV 3301 and RTV 3321 or C. I.

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. *Fall, Spring* \$23.00

COS-COMM

RTV 3321 - Electronic News Gathering

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): JOU 2100 and status as either an RTV or Journalism major, or C.I.

An introduction to the profession and video news. Students plan, research, report, write and execute electronic news productions from concept to finished product. *Fall, Spring* \$20.00

COS-COMM

RTV 3511 - Production Fundamentals and Aesthetics of Electronic Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Either SPC 1608, SPC 1603, or COM 1000, or C.I.

Technical and creative concepts of analog and digital electronic media production for radio, television, and multimedia delivery systems. *Fall, Spring*

COS-COMM

RTV 3531 - Principles of Videography

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): RTV 3511 and RTV Major. Corequisite(s): RTV 3576C

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. *Fall, Spring* \$24.00

Department of Film and Mass Media (NSCM)

RTV 3543 - Principles of Studio Production

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): RTV Major - Production Specialization; RTV 3511

Analog and digital television studio

production including audio mixers, microphones, tape recorders, cameras, video switchers, lighting, and electronic graphics. Students should expect significant work in the RTV facility outside of class. *Fall, Spring* \$25.00

Department of Film and Mass Media (NSCM)

RTV 3556 - Audio Production

\$17.00

RTV 3556C - Audio Production I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3511 and RTV Major- Production Specialization.

Audio production theory and recording techniques utilizing various microphone types, and digital non-linear audio computer-based editing equipment. Students should expect significant work in the RTV facility outside of class. *Fall, Spring* M&S fee \$10.00

COS-COMM

RTV 3571 - Advanced Video Post-Production

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3531 and RTV Major - Production Specialization.

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 editing systems. Students should expect significant work in the RTV facility outside of class. *Fall, Spring* \$20.00

COS-COMM

RTV 3576C - Principles of Post Production

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: RTV 3007 and RTV 3511 and RTV major
Corequisite(s): RTV 3531 Principles of Videography

Basic theories and conventions applied to editing video and audio, and the role of the editor in visual storytelling. *Fall, Spring* \$12.00

Department of Film and Mass Media (NSCM)

RTV 3581 - Advanced Lighting and Videography

\$24.00

RTV 3581C - Lighting and Advanced Videography

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): RTV 3543C or RTV 3531C, and RTV Major - Production Specialization
Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3543C or RTV 3531C, and RTV Major - Production Specialization

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. *Fall, Spring* M&S fee \$20.00

COS-COMM

RTV 3590 - Production of Interactive Multimedia

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): CGS 1060C; major status in R-TV, Ad-PR, Journalism, Organizational and Interpersonal Communication.

Practice and production of electronic interactive multimedia for the broadcast industry. Students should expect significant work in the RTV facility outside of class. *Fall* \$12.00

COS-COMM

RTV 3601 - Broadcast Announcing and Performance

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV Major, Junior standing, and C.I.

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. *Fall, Spring* \$17.00

COS-COMM

RTV 3912 - Collaborative Experiential Research Practicum

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Either SPC 1608, SPC 1603C, or COM 1000, and C.I.

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research. May be used in the degree program a maximum of 2 times.

Occasional

COS-COMM

RTV 3942L - Practicum

Credit Hours: 1-3

Class Hours: 0

Lab and Field Work Hours: 3-9

Contact Hours: 3-9

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C.I., RTV Major, and either RTV 3556C, RTV 3543, or RTV 3531.

Student will serve in some position of responsibility for UCF Weekly News or other RTV program. May be repeated for credit. *Occasional* Graded S/U.

COS-COMM

RTV 4401 - Mass Media Effects

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: RTV 4403

How people process mass media messages, and in turn, what effects they have on individuals. *Even Fall*

RTV 4403 - Electronic Media, Technology, and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): MMC 2004 and Journalism major; or

Theories of mass communication, mass communication effects, and emerging communication technologies, including digital media. *Fall, Spring*

COS-COMM

RTV 4406 - Electronic Media Audience Measurement

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Radio Television major and RTV 3007 or CI

Audience research applied in broad range of media industries including broadcasting and social media. *Odd Fall*

RTV 4503 - Sports Programming in Electronic Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Either SPC 1608, COM 1000, RTV 3007, or C.I.

Factors that determine how sporting events are constructed for programming on broadcast stations, cable television, and other forms of electronic media. *Fall*

COS-COMM

RTV 4505 - Program Issues for TV & Motion Pictures

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3007 or FIL 2030 or C.I.

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.

Occasional

COS-COMM

RTV 4544 - Media Production Capstone

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): RTV 3531 RTV 3570C, RTV 3543 and departmental consent. Corequisite(s): None.

Advanced techniques in production and directing television programs and video projects both in-studio and on-location. *Fall, Spring* \$24.00

COS-COMM

RTV 4561 - Radio Production & Programming

\$12.00

RTV 4561C - Radio Production and Programming

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3511 and RTV Major - Production or Media Management & Operations specialization.

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. *Fall*

COS-COMM

RTV 4591C - Webcasting I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): RTV Major Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV 3590C

Presentation of broadcast material on the web. Integrates the distribution of radio, television, and web content. Students should expect significant work in the RTV lab facility outside of class. *Occasional* M&S fee \$15.00

COS-COMM

RTV 4681 - Television News

Credit Hours: 4

Class Hours: 1

Lab and Field Work Hours: 3

Contact Hours: 4

Prerequisite(s): Journalism major, and a minimum of "C" (2.0) in RTV 3304 or C.I. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): Journalism major, and a minimum of "C" (2.0) in RTV 3304 or C.I.

2.0) in RTV 3304 or C.I. *Fall, Spring* \$25.00

COS-COMM

RTV 4700 - Regulation of Broadcasting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV Major or Mass Comm. minor, and RTV 3007.

Federal, state, local and self-regulatory agencies and practices which govern electronic media. *Fall*

COS-COMM

RTV 4800 - Broadcast Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RTV Majors only.

Examination of broadcast management problems in station operations at local, regional, and national levels. *Spring*

COS-COMM

RTV 4906 - Directed Independent Study

RTV 4941 - Internship

RUS 1120 - Elementary Russian Language and Civilization I

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 1

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): None.

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. *Occasional*

CAH-LANG

RUS 1121 - Elementary Russian Language and Civilization II

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 1

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RUS 1120 or equivalent.

Continuation of RUS 1120. *Occasional*

CAH-LANG

RUS 2200 - Intermediate Russian Language and Civilization I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RUS 1121 or equivalent.

Development of language skills and cultural knowledge at the intermediate level. *Occasional*

CAH-LANG

RUS 2201 - Intermediate Russian Language and Civilization II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RUS 2200 or equivalent.

Continuation of RUS 2200, with emphasis on Russian civilization. *Occasional*

CAH-LANG

RUS 3240 - Russian Conversation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RUS 2201 or equivalent.

Development of skills in conversation and comprehension through practice. *Occasional*

CAH-LANG

RUS 3760 - Advanced Russian Oral Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): RUS 2201 or equivalent.

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues. *Occasional*

CAH-LANG

RUT 3505 - Russian Culture and Civilization

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102 or C.I.

Russian culture and civilization through a variety of topics and media. *Occasional*

CAH-LANG

SCC 3003 - Physical Security

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SCC 3311 or C.I.

Concepts and procedures for the development, implementation, and management of a physical security program and its application to assets protection. *Occasional*

HPA-CJ

SCC 3311 - Security Administration

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Discussion of modern security administration and the security-law enforcement interface, emphasizing a systems approach and utilizing the design of a security plan for a plant. *Occasional*

HPA-CJ

SCC 3316 - Special Security Problems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SCC 3311 or C.I.

Review and application of basic security principles to retail security, transportation/cargo security, utility security, computer security, and other special security situations. *Occasional*

HPA-CJ

SCE 3053 - Elementary Science for Teaching

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

This course offers a content knowledge base for elementary school science to address national and state standards. *Fall, Spring, Summer*

SCE 3310 - Teaching Science in Elementary School

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I. Corequisite(s): SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I. Prerequisite(s) or Corequisite(s): SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Selected concepts; organizing for instruction; techniques; evaluation procedures. *Fall, Spring* M&S fee \$10.00

ED-TL&L

SCE 4304 - Teaching Science and Technology to Young Children

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing Corequisite(s): EEC 4235C, MAE 4300, and RED 4311 Prerequisite(s) or Corequisite(s): None.

Provides the knowledge and skills needed to plan and implement a discovery science/design technology program for young children in an integrated, interactive curriculum. *Fall, Spring*

School of Teacher Education

SCE 4360 - Science Instructional Analysis

Credit Hours: 4

Class Hours: 4

Lab and Field Work Hours: 0

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): SCE 3940. Prerequisite(s) or Corequisite(s): EDG 4410 or C.I.;

Course objectives for a school curriculum and methods and materials for the middle grades and high school. *Fall, Spring* M&S fee \$10.00

ED-TL&L

SCE 4361 - Programs in Teaching Science

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admission to the Bachelor of Science in Science Education program or C.I.

Special programs, strategies, and materials for middle and secondary school science education majors. *Spring*

ED-TL&L	<i>Spring</i>	leadership positions. <i>Fall, Spring</i>
SCE 4633 - Secondary Science Curriculum	ED-CFCS	ED-CFCS
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Science Education Track or Lifelong Learning Track or C.I.	SLS 1501 - SLS 1501: Strategies for Success in College Credit Hours: 1-3 Class Hours: 1-3 Lab and Field Work Hours: 0 Contact Hours: 1-3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): First Time in College (FTIC) standing or C.I.	SLS 3933 - COS New Transfer Seminar Credit Hours: 1 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COS Major; First-term transfer student with 60+ hours.
This course examines science curricula (Grades 6-12 and strategies for promoting conceptual development, inquiry learning, technology, and social justice for all students. <i>Fall</i>	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. <i>Fall, Spring, Summer</i>	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. <i>Fall</i>
SCE 4933 - Seminar on Secondary Science Education	Department of Educational Leadership & Higher Education	COS-COS
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): PR: Admission to Secondary Education B.S. - Science Education Track or Science Education Lifelong Learning Track, or C.I.	SLS 2311C - Overview of Select Medical Careers Credit Hours: 2 Class Hours: 2 Lab and Field Work Hours: 1 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	SOP 2772 - Sexual Behavior Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.
This seminar examines the nature of science, major philosophical and historical developments of science, and their implications on the science classroom. <i>Summer</i>	An overview of the pre-health professions process for careers in medicine, dentistry, veterinary, optometry, pharmacy, podiatry, and chiropractic. <i>Spring</i>	Physiological, social, and clinical aspects of human sexuality. <i>Fall</i>
SLS 1282 - Foundations of American University Life	COM-BSBS	COS-PSYCH
Credit Hours: 1 Class Hours: 1 Lab and Field Work Hours: 0 Contact Hours: 1 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C.I.	SLS 2715 - Peer Educator Leadership Credit Hours: 2 Class Hours: 2 Lab and Field Work Hours: 0 Contact Hours: 2 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Orientation Team Members or C.I.	SOP 3004 - Social Psychology Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.
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. <i>Fall,</i>	Training peer educators in helping strategies applicable to their peer	Effects of social situations and social variables on the behavior of individuals. <i>Fall, Spring</i>

SOP 3723 - Cross Cultural Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

Exploration of theories, issues, and research concerned with the psychological understanding of under-represented minority groups.
Odd Spring

COS-PSYCH

SOP 3724 - Psychology of Prejudice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

Examination of literature relating to prejudice toward groups and individuals, development and maintenance of prejudice, and possible ways to reduce prejudice.
Even Spring

COS-PSYCH

SOP 3742 - Psychology of Women

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

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. *Fall, Spring*

COS-PSYCH

SOP 3751 - Legal Aspects of Psychology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 or SYG 2000, or C.I.

Ethical and legal dilemmas and issues in the practice of psychology.
Occasional

COS-PSYCH

SOP 3784 - Psychology of Diversity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012.

A review of the contributions of psychology to the understanding of human diversity related to ethnic background, gender, sexuality, and belief systems. *Occasional*

COS-PSYCH

SOW 2020 - Careers in Creating Social Change

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces students to the field of social services, with emphasis on the social work profession and other careers that create social change.
Fall

HPA-SOWK

SOW 3104 - Human Behavior and the Social Environment I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

Skill development in assessing "person-in-environment" throughout life cycle. Study interaction of bio-psychosocial, cultural, and systemic influences on human functioning. Open to non-majors and pending social work majors. *Fall*

HPA-SOWK

SOW 3111 - Human Behavior and the Social Environment II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admission to BSW Program and SOW 3104.

Development of skills in assessing families, groups, organizations, and communities, their impact on human functioning, and their potential for providing social support. *Spring*

HPA-SOWK

SOW 3284 - Social Work Perspectives on Social Justice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

Examination of the social justice mission of the social work profession. Addresses professional values, the rights of populations served, and justice within practice fields. *Fall, Spring*

HPA-SOWK

SOW 3300 - Practice I: Generalist Practice in Social Work

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Admin. to Social Work Program.

Study of social work functions, knowledge, values, and skills. Development of ability to use a generalist model of practice. *Fall*

HPA-SOWK

SOW 3352 - Practice II: Interpersonal Skills in Social Work

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3300.

Study and practice of interviewing, group leadership, written communication, and oral presentations, in consensual as well as conflictual contexts of social work. *Spring*

HPA-SOWK

SOW 3401 - Social Work Research

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 2014C or STA 2023.

Study of quantitative and qualitative methods of building knowledge for social work and the ethical use of research in professional practice. *Spring*

HPA-SOWK

SOW 3620 - Culturally Competent Social Work Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3284 and SOW 3104;

Social work intervention and skill development needed to serve oppressed groups. *Spring*

HPA-SOWK

SOW 3740 - Social Work Practice with Loss & Life's Transitions

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

A wide range of losses across the life span will be presented from a strengths perspective. Assessment & intervention recognizing cultural differences will be addressed. *Fall*

HPA-SOWK

SOW 4133 - Aspects of Sexuality & Spirituality in Social Work Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (SOW 3284 and SOW 3620) or C.I.

Aspects of sexuality and spirituality as they relate to the social work profession. Addresses personal and professional values in practice. *Fall*

HPA-SOWK

SOW 4148 - Introduction to Military & Veteran Culture for Social Work Practice

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): SOW 3284 or C.I. Prerequisite(s) or Corequisite(s): Junior standing;

An introduction to military life providing specific ways to better understand, communicate, and effectively interact with military, veterans, and their families. *Fall, Spring, Occasional*

HPA-SOWK

SOW 4232 - Social Welfare Policies and Issues

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3284.

Development of skills needed to critically analyze social welfare goals, structures, and practices. Proposes improvements in societal resource systems. *Fall*

HPA-SOWK

SOW 4283 - Social Work and the Law

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

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. *Fall*

HPA-SOWK

SOW 4322 - Social Work Practice with Groups

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3104 and Junior Standing.

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. *Spring*

HPA-SOWK

SOW 4341 - Micro-Level Roles and Interventions in Social Work

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3300, SOW 3352.

Study and simulated practice of roles and tasks in systemic problem solving with individuals, families and supportive and remedial groups. *Fall*

HPA-SOWK

SOW 4343 - Macro-Level Roles and Interventions in Social Work

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3300, SOW 3352.

Study and simulated practice of roles and tasks in systemic problem solving to obtain and improve social welfare resources within organizations and communities. *Fall*

HPA-SOWK

SOW 4510 - Field Education

Credit Hours: 9

Class Hours: 0
Lab and Field Work Hours: 28
Contact Hours: 28
Prerequisite(s): None. Corequisite(s): SOW 4522. Prerequisite(s) or Corequisite(s): Completion of required courses in major: GPA 2.5 in major.

Supervised learning experiences in agencies that relate social work practice to theory, requiring 420 clock hours in the field. *Spring*
Graded S/U.

HPA-SOWK

SOW 4515 - Part Time Field Education Seminar

Credit Hours: 1-2

Class Hours: 1-2
Lab and Field Work Hours: 0
Contact Hours: 1-2
Prerequisite(s): None. Corequisite(s): SOW 4941. Prerequisite(s) or Corequisite(s): Completion of all other required social work courses for the major and

Weekly seminar to examine the field experience and to relate theory with practice situations. *Spring*

HPA-SOWK

SOW 4522 - Field Education Seminar

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): SOW 4510. Prerequisite(s) or Corequisite(s): Completion of required courses in major

Weekly seminar to examine the field experience and to relate theory with practice situations. *Spring*

HPA-SOWK

SOW 4602 - Social Work in Health Settings

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

Study of social work roles, interventions, and issues related to helping patients in health settings. *Fall*

HPA-SOWK

SOW 4645 - Social Services for the Elderly

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

Development of interventive skills for obtaining, providing, and improving social services in behalf of elderly persons and their families. *Fall*

HPA-SOWK

SOW 4650 - Child Abuse: Treatment and Prevention

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3300 and Admission to BSW program or C.I.

The social worker's role and interventions with victims of child abuse and their family members. *Spring*

HPA-SOWK

SOW 4654 - Children's Services

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): (Admission to BSW program) or

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. *Fall, Spring*

HPA-SOWK

SOW 4673 - Social Work Practice: The Lesbian, Gay, Bisexual, and Transgendered (+) Experience

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): SOW 3620. Prerequisite(s) or Corequisite(s): SOW 3284, SOW 3300, and Junior standing or C.I;

Sexual orientation and cultural diversity, policies and resources affecting lesbian, gay, bisexual, transgendered (+) people, community based therapeutic and preventive interventions. *Even Spring*

HPA-SOWK

SOW 4705 - Prevention and Treatment of Adolescent Substance Abuse

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing.

An in-depth review of prevention, intervention, and treatment, recovery and relapse issues and public policies regarding adolescents with substance abuse problems *Even Fall, Spring*

HPA-SOWK

SOW 4706 - Intervention with Substance Abusers

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing.

Strategies for working with persons who abuse alcohol, other drugs and substances. *Fall, Even Spring*

HPA-SOWK

SOW 4730 - Documentation in Social Work Practice

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3300 and SOW 3352. For Social Work majors only.

Development of documentation skills for the delivery of social work services in various agency settings. *Fall*

HPA-SOWK

SOW 4754 - Forensic Social Work Theory and Practice

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior Standing or C.I.

The role of social workers within the courts and criminal justice system. *Occasional*

HPA-SOWK

SOW 4794 - Social Work with Immigrants and Refugees

Credit Hours: 3
Class Hours: 3

Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SOW 3620 and Junior Standing, or C.I.

Social work practice with immigrants and refugees; specifically addressing social policies, programs and legal issues impacting from a national and an international perspective. *Fall*

HPA-SOWK

SPA 3011 - Speech Science I: Production

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): SPA 3011L. Prerequisite(s) or Corequisite(s): SPA 3112.

Study of how speech is produced, how it is transformed into an acoustic signal, and how that acoustic signal is measured. *Fall, Spring*

HPA-COM SC&DIS

SPA 3011L - Speech Production lab

Credit Hours: 1
Class Hours: 0
Lab and Field Work Hours: 1
Contact Hours: 1
Prerequisite(s): None. Corequisite(s): SPA 3011. Prerequisite(s) or Corequisite(s): SPA 3112.

Physiological and acoustic measurement of speech production *Fall, Spring* Graded S/U.

HPA-COM SC&DIS

SPA 3101 - Physiological Bases of Speech

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3

Prerequisite(s): SPA 3471

Corequisite(s): SPA 3471

Prerequisite(s) or Corequisite(s):
SPA 3471

An introduction to the anatomical, physiological, and physical elements underlying the communication process. *Fall, Spring*

HPA-COM SC&DIS

SPA 3104 - Neural Bases of Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Structures and functions of the nervous system involved in communication and its disorders. *Fall, Spring*

HPA-COM SC&DIS

SPA 3112 - Basic Phonetics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): SPA 3112L. Prerequisite(s) or Corequisite(s): None.

Physiological descriptions and visual notation of standard speech patterns and regional dialects. *Fall, Spring*

HPA-COM SC&DIS

SPA 3112L - Basic Phonetics Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): SPA 3112. Prerequisite(s) or Corequisite(s): None.

Practice in the transcription of normal and deviant speech samples. *Fall, Spring* Graded S/U.

HPA-COM SC&DIS

SPA 3123 - Speech Science II: Perception

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): SPA 3123L. Prerequisite(s) or Corequisite(s): SPA 3112, SPA 3011.

How the perception of human speech differs from that of other auditory signals. *Fall, Spring*

HPA-COM SC&DIS

SPA 3123L - Speech Perception Lab

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: 1

Contact Hours: 1

Prerequisite(s): None. Corequisite(s): SPA 3123. Prerequisite(s) or Corequisite(s): None.

Laboratory techniques used in investigating human speech perception. *Fall, Spring* Graded S/U.

HPA-COM SC&DIS

SPA 3412 - Brain Stories: A Communication Disorders Perspective

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3471 (may be taken as corequisite) or PSY 2012 or C.I.

A case study approach to communicative-cognitive disorders due to brain injury *Fall, Spring*

HPA-COM SC&DIS

SPA 3471 - Communication Disorders in Literature and Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): PSY 2012 or SYG 2000.

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. *Fall, Spring*

HPA-COM SC&DIS

SPA 3472 - Guidance of Young Children with Communication Disorders

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3471.

Social/emotional and behavioral difficulties of children with communication disorders; positive child guidance and behavioral management strategies for clinicians and parents. *Fall, Spring*

HPA-COM SC&DIS

SPA 4032 - Audiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3101 and Junior Standing, or C.I.

Physics of sound, anatomy of hearing mechanism, pure tone audiometry, hearing aids, problems of the deaf and hard of hearing. Clinical skills development required.

Fall, Spring

HPA-COM SC&DIS

SPA 4241 - Genetic Aspects of Communication Disorders

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BSC 2010C, Junior or senior standing.

Theoretical framework for understanding human genetics and the genetic aspects of communication and feeding disorders. *Spring*

HPA-COM SC&DIS

SPA 4321 - Audiologic Rehabilitation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3011, SPA 3123, and SPA 4032.

Principles and procedures in the use of residual hearing, auditory training, speech reading, and the use of hearing aids. *Fall, Spring*

HPA-COM SC&DIS

SPA 4326 - Hearing Disorders Across the Lifespan

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3123, SPA 4032 and Senior Standing, or C.I.

Primary and secondary consequences of hearing loss across the lifespan, including hearing impairments and communication limitations. *Fall,*

Spring

HPA-COM SC&DIS

SPA 4400 - Language Disorders Across the Life Span

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): LIN 3716 and Junior Standing, or C.I.

Etiology, assessment, and management of language disorders in children, adolescents, and adults, including those associated with autism, traumatic brain injury, learning disabilities, and dementia. *Fall, Spring*

HPA-COM SC&DIS

SPA 4476 - Speech Disorders Across the Lifespan

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3101, and SPA 3112 and Junior Standing, or C.I.

Causes and characteristics of speech and swallowing disorders in children and adults, including those affecting articulation, phonation, resonance, fluency, and feeding and swallowing. *Fall, Spring*

HPA-COM SC&DIS

SPA 4478 - Multicultural Aspects of Communication Disorders & Differences

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): LIN 3716, Senior Standing, or C.I.

Cultural and linguistic diversity among individuals with communication disorders and differences. Special emphasis on African, Hispanic, Asian, and Native American. *Fall, Spring*

HPA-COM SC&DIS

SPA 4555 - Counseling in Communication Disorders

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPA 3471 or C.I.

Practical interviewing and counseling in the area of communication disorders. *Fall, Spring*

HPA-COM SC&DIS

SPA 4634 - Educational Implications of Deafness

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ASL 2510.

Impact of deafness on the educational process. The impact of deafness on the individual, their family, and the classroom will be discussed. *Occasional*

HPA-COM SC&DIS

SPA 4803 - Research Methods in Communication Sciences and Disorders

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 2014C or STA 2023.

Approaches, methods, and techniques of research in Communication Sciences and Disorders are considered through lecture, discussion, and group participation. *Fall, Spring*

HPA-COM SC&DIS

SPA 4870C - Capstone Course:

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Corequisite(s): All required CS&D courses.

Integration of essential topics in communication sciences and disorders through curriculum content reviews and community experiences. *Fall, Spring*

HPA-COM SC&DIS

SPA 4948 - Community Internship

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): SPA 4326 and senior standing.

Prerequisite(s) or Corequisite(s): None.

Supervised interaction and planned activities with individuals experiencing problems with hearing, balance, or the disorders of hearing in community settings including clinics, hospitals, etc. Course may be repeated for credit up to two times. *Fall, Spring*

HPA-COM SC&DIS

SPB 3003 - Introduction to Sport Business Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Sophomore Standing.

The sport industry and the principles and applications of sport business management in professional, collegiate, and Olympic sport. *Fall, Spring*

BA-BA

SPB 3119H - Honors Application of Business Analytics in Sport

Credit Hours: 3.0

Prerequisite(s): Sophomore standing and consent of Honors

This course will provide Burnett Honors College students with an introductory overview of sport business analytics concepts *Summer*

DeVos Sport Business Management

SPB 3603 - Diversity and Social Issues in Sport Business Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPB 3003 with a "C" (2.0) or better.

Diversity, social issues, social responsiveness, and financial performance in professional, collegiate, and Olympic sport. *Occasional*

BA-BA

SPB 3823 - The Role of Business Entrepreneurship in Sports/Entertainment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPB 3003 with a "C" (2.0) or better.

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. *Occasional*

BA-BA

SPB 4251 - Business Law in Sport & Entertainment

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPB 3003 with a "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Understanding of the legal issues involved in the operation and management of organizations in the sport and entertainment industries. *Fall, Summer*

DeVos Sport Business Management

SPB 4304 - Sports Event and Facility Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPB 3003 with a "C" (2.0) or better.

The principles of facility and event management in sport business and their applications in professional, collegiate, and Olympic sport. *Occasional*

BA-BA

SPB 4804 - Sport Business and Media

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPB 3003 with a "C" (2.0) or better.

The structure and evolution of the interrelationship between sport and media and their business implications. *Occasional*

BA-BA

SPC 1603C - Fundamentals of Technical Presentations

Credit Hours: 3

Class Hours: 1.5

Lab and Field Work Hours: 1.5

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Priority will be given to students whose major requires this course.

Communication theory and its application to preparing and delivering technical information in public speaking situations. *Fall, Spring*

COS-COMM

SPC 1603H - Honors Fundamentals of Technical Presentation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

Communication theory and its application to preparing and delivering technical information in public speaking situations. With honors-level content. *Occasional*

COS-COMM

SPC 1608 - Fundamentals of Oral Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): Priority will be given to students whose major requires this course.

Communication theory and its application to preparing and delivering public speeches. *Fall, Spring*

COS-COMM

SPC 1608H - Honors Fundamentals of Oral Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Consent of Honors.

Communication theory and its application to preparing and delivering public speeches. University Honors program. Same as SPC 1608 with honors-level content. *Occasional*

COS-COMM

SPC 3301 - Interpersonal Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of the following: SPC 1608, SPC 1603C, COM 1000, or CI

Nature of the communication process; variables affecting the process and the individuals involved. Analysis of communication models, interactant behavior, situational cues, verbal and non-verbal messages. *Fall, Spring*

COS-COMM

SPC 3445 - Leadership Through Oral Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3311 or COM 3003, or C.I.

Investigation of leadership in oral communication situations, principles of effective leadership, and leadership in problem solving. *Fall, Spring*

COS-COMM

SPC 3513H - Honors Argumentation and Debate

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Consent of Honors and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Advanced study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization. *Occasional*

COS-COMM

SPC 3602 - Advanced Public Speaking

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: PR or CR: COM 3003 or C.I.

Advanced theory and practice of persuasive speaking, advocacy and adapting presentations to targeted audiences using diverse delivery methods and platforms. *Fall, Spring*

SPC 3942 - Speech and Debate Practicum

Credit Hours: 1-3

Class Hours: 1-3

Lab and Field Work Hours: 0
Contact Hours: 1-3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Participation on the Speech or Debate Team or C.I.

Training and participation in intercollegiate speech and/or debate. May be used in the degree program a maximum of 3 times. *Spring Fall*
Graded S/U.

Department of Communication
(NSCM)

SPC 4302 - Advanced Interpersonal Communication

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: SPC 3301 and PR or CR: COM 3003 or C.I.

Covers advanced topics in interpersonal communication related to the process of communication in close (primarily romantic relationships). *Spring*

SPC 4331 - Nonverbal Communication

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3311 or COM 3003, or C.I.

Review of current behavioral research in such areas as proxemics, kinesics, physical characteristics, tactile communication, and paralanguage. Lectures are supplemented by frequent nonverbal exercises. *Fall, Spring*

COS-COMM

SPC 4426 - Group Dynamics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): COM 3311 or COM 3003, or C.I.

Human behavior in group situations. *Fall, Spring*

COS-COMM

SPC 4513C - Argumentation and Debate

Credit Hours: 3
Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of the following: SPC 1608, SPC 1603C, COM 1000, or C.I.

Study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization.

Occasional

COS-COMM

SPC 4540 - Persuasion and Communication

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Com 3311 or C.I.

A survey of the immediate and direct ways in which persuasive communication and social groups come to influence attitudes. *Fall, Spring*

COS-COMM

SPM 3130 - Aquatic Management

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): Admission to the Sport and Exercise Science Program or Community Sport and Fitness Minor, and minimum overall 2.5 GPA.

Requisite knowledge for developing and operating aquatics programs safely and effectively. *Fall, Spring*

ED-E&HS

SPM 3204 - Sports and Ethics

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to Kinesiology B.S., or Sport and Athletic Coaching Minor; minimum overall 2.5 GPA and PET 3765 Coaching Theory Corequisite(s): None.

An exploration into ethics and its influence on sports. *Fall, Spring*

School of Kinesiology and Physical Therapy

SPM 3415 - Public Relations in Sport and Athletic Coaching

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): Admission to the Kinesiology B.S or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA. Corequisite(s): None.

Examining the role of public relations and media with specific application to sport and athletic coaching professionals. *Fall, Spring*

School of Kinesiology and Physical Therapy

SPM 3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching

Credit Hours: 3
Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
 Prerequisite(s): Admission to the Kinesiology B.S or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA.
 Corequisite(s): None.

Design, development, and operation of sport and athletic facilities with a specific focus on fiscal management. *Fall, Spring*

School of Kinesiology and Physical Therapy

SPM 4723 - Legal Issues in Sport and Athletic Coaching

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 0
 Contact Hours: 3
 Prerequisite(s): Admission to the Kinesiology BS or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA.
 Corequisite(s): None.

Examination of the legal issues and problems encountered by sport and athletic coaching professionals. *Fall, Spring*

School of Kinesiology and Physical Therapy

SPN 1120C - Elementary Spanish Language and Civilization I

Credit Hours: 4
 Class Hours: 3
 Lab and Field Work Hours: 1
 Contact Hours: 4
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduces the student to Spanish culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. *Fall, Spring*

CAH-LANG

SPN 1120C - Honors Elementary Spanish Language and Civilization I

Credit Hours: 4
 Class Hours: 4
 Lab and Field Work Hours: 1
 Contact Hours: 5
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

Introduces the student to Spanish culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language. Honors-level content. *Occasional*

CAH-LANG

SPN 1121C - Elementary Spanish Language and Civilization II

Credit Hours: 4
 Class Hours: 3
 Lab and Field Work Hours: 1
 Contact Hours: 4
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 1120C or equivalent.

Continuation of SPN 1120C. *Fall, Spring*

CAH-LANG

SPN 1121C - Honors Elementary Spanish Language and Civilization II

Credit Hours: 4
 Class Hours: 4
 Lab and Field Work Hours: 1
 Contact Hours: 5
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors and SPN 1120C or equivalent.

Same as SPN 1121C with honors-level content. *Occasional*

CAH-LANG

SPN 1150C - Intensive Beginning Spanish

Credit Hours: 8
 Class Hours: 4
 Lab and Field Work Hours: 4

Contact Hours: 8
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-LANG

SPN 2200 - Intermediate Spanish Language and Civilization I

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 1
 Contact Hours: 4
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 1121C or equivalent.

Development of language skills and cultural knowledge at the intermediate level. *Fall, Spring*

CAH-LANG

SPN 2200H - Honors Intermediate Spanish

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 1
 Contact Hours: 4
 Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 1121C or SPN 1121H and Consent of Honors.

Development of language skills and cultural knowledge at the intermediate level. With Honors content. *Fall*

CAH-LANG

SPN 2201 - Intermediate Spanish Language and Civilization II

Credit Hours: 3
 Class Hours: 3
 Lab and Field Work Hours: 1
 Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2200 or equivalent.

Continuation of SPN 2200, with emphasis on Spanish civilization. *Occasional*

CAH-LANG

SPN 2340 - Spanish for Native Speakers

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Must be a native speaker.

Intensive Spanish for native speakers who have had little or no formal training in the language. *Occasional*

CAH-LANG

SPN 2341 - Advanced Spanish for Native Speakers

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2340 or C.I.

This course is the continuation of SPN 2340 geared towards native speakers and will complete the remaining grammatical topics as well as emphasize composition skills. *Occasional*

CAH-LANG

SPN 2513 - Modern Spanish Civilization Study Abroad

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 1120C or

equivalent.

This intensive course will focus on modern Spanish culture using examples from present day society. Cultural visits and realia are essential components of this course.

Occasional

CAH-LANG

SPN 3140 - Business Spanish I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2200 and SPN 2201 or equivalent.

Basic business terminology, business culture, and business topics related to the Hispanic World. *Odd Fall*

CAH-LANG

SPN 3141 - Business Spanish II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C.I.

Continuation of Business Spanish I. *Even Spring*

CAH-LANG

SPN 3142 - Business Spanish III

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C.I.

Continuation of Business Spanish II. *Even Fall*

CAH-LANG

SPN 3234 - Advanced Directed Readings

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2201 or C.I.

Use of literary and general Spanish texts to develop reading comprehension and analysis skills. Course intended for non-natives and heritage speakers of Spanish. *Fall, Spring*

CAH-LANG

SPN 3300 - Advanced Spanish Grammar and Composition

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2201 or equivalent.

Advanced Spanish grammatical topics, idiomatic expressions, and continued development of writing skills based on the newly acquired concepts. *Fall, Spring*

CAH-LANG

SPN 3343 - Advanced Rhetoric for Spanish Communication

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 2201, or C.I.

Designed for Spanish native speakers and advanced non-native speakers to improve their language skills. Students work on projects individually or in groups according to their own interests. *Occasional*

CAH-LANG

**SPN 3344 - Advanced Spanish
Native Fluency I**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3300 or C.I.

Advanced grammatical topics and
composition skills for native or near-
native fluency speakers. *Fall*

CAH-LANG

**SPN 3345 - Advanced Spanish
Native Fluency II**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3344.

Continuation of Advanced Spanish
Native Fluency I emphasizing the
remaining grammatical topics and
composition skills. *Spring*

CAH-LANG

SPN 3420 - Spanish Composition

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 2201 or
equivalent.

Development of skills in
composition. *Fall, Spring*

CAH-LANG

**SPN 3512 - Contemporary Spanish
Culture Abroad**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or
Corequisite(s): SPN 3420 or C.I.

Focus on contemporary Spanish
culture presented through classroom
lectures and discussions, assigned
reading and scheduled activities.

Occasional

CAH-LANG

**SPN 3760 - Advanced Spanish
Oral Communication**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 2201 or SPN
2240 or equivalent.

Vocabulary building with systematic
training in diction and locution.
Speeches and oral presentations as
well as production and delivery of
real-life dialogues. *Fall, Spring*

CAH-LANG

SPN 4143 - Business Spanish IV

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): C.I.

Advanced course in business
terminology and development of
advanced language skills. *Odd
Spring*

CAH-LANG

**SPN 4410 - Advanced Spanish
Conversation**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3760, SPN
3420, and SPN 3300 or C.I.

Advanced conversation on directed
topics from various disciplines:
literature, art, psychology,
philosophy, music, business, and the
sciences. *Fall*

CAH-LANG

**SPN 4421 - Advanced Spanish
Composition**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3300, SPN
3420, SPN 3760 or C.I.

Readings and written imitations of
modern literary styles in the form of
themes, sketches, poems, and
original stories. *Even Spring*

CAH-LANG

**SPN 4510 - Spanish Civilization
and Culture**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3760, SPN
3420 and SPN 3300 or C.I.

A study of Spanish civilization and
culture from Pre-Roman times to the
present. Conducted in Spanish.
Occasional

CAH-LANG

**SPN 4520 - Latin American
Civilization and Culture**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3760, SPN
3420 and SPN 3300, or C.I.

An overview of the currents in Latin American culture and civilization from the Pre-Columbian period to the present. Conducted in Spanish. *Occasional*

CAH-LANG

SPN 4780 - Spanish Phonetics

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Students will learn the basic principles of Spanish pronunciation and perfect the correct punctuation of Spanish through intensive practice and oral drill. *Occasional*

CAH-LANG

SPN 4800 - The Syntax of Spanish

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Generative approach to syntactic theory applied to the Spanish language. Analysis and discussion of word order in the nominal, verbal, and sentential domains. *Occasional*

CAH-LANG

SPN 4801 - Spanish Morphology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Types of roots, affixes and words resulting from applying

morphological rules in Spanish, covering the nominal, adjectival, verbal, pronominal and adverbial domains, and acronyms. *Occasional*

Department of Modern Languages and Literatures

SPN 4850 - Structure of the Spanish Language

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3300, SPN 3420, SPN 3760, or C.I.

Linguistic theory applied to analysis of Spanish language. Includes systematic study of sound patterns, semantics, word formations, and socializations. *Occasional*

CAH-LANG

SPN 4852 - Bilinguismo

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3760, SPN 3420, and SPN 3300, or C.I.

Spanish-English bilingualism in the United States. Models of language acquisition in bilinguals, domains of language use, maintenance, shift, transfer, diversity, attitudes, code-switching, attrition and contact. *Occasional*

CAH-LANG

SPN 5506 - Spanish American Culture and Civilization

SPN 5825 - Spanish Dialectology

SPT 3414 - Spanish for Tourism I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3420.

Students will learn to speak and understand Spanish specific for the tourism industry including field-specific techniques of communication, multicultural environments, an understanding of the Spanish culture, and the needs of bilingual tourists. *Occasional*

CAH-LANG

SPT 3800 - Spanish Translation and Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3420, or C.I.

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. *Fall, Spring*

CAH-LANG

SPT 3805 - Spanish Translation and Interpretation for Mass Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPN 3420.

Translation and interpretation in mass communication using all forms of media. *Even Spring*

CAH-LANG

SPT 3809 - Medical Spanish Translation/Interpretation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3420, or C.I.

Basic Spanish terminology, techniques and ethics in the field of medical translation and interpretation. *Odd Fall*

CAH-LANG

SPT 3820 - Computer Assisted Translation Tools**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3420 or C.I.

Provides hands on experience with CAT (Computer Assisted Translation) tools that external translation and interpretation agencies require in their hiring profiles *Occasional*

CAH-LANG

SPT 3831 - Spanish Legal Translation and Interpretation**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3420, or C.I.

The terminology, procedures and ethics required to be a Spanish language court interpreter and translator in the legal field. *Even Fall*

CAH-LANG

SPT 4801 - Spanish Translation Practicum**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPT 3800.

Development of translation and interpretation skills in a professional environment. Concentration in legal, medical, and business areas. *Occasional*

CAH-LANG

SPW 3000H - Honors Nobel Prize Literature: Spain and Latin America**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Permission of Honors and Junior standing or C.I.

Students will analyze, discuss and research English translations of Spanish and Latin American Nobel-Prize-Winning writers. Through readings, students will explore the universality of Spanish literature. *Occasional*

CAH-LANG

SPW 3100 - Survey of Spanish Literature I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Main literary currents and works from the Middle Ages through the Eighteenth century. *Fall*

CAH-LANG

SPW 3101 - Survey of Spanish Literature II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Main literary currents and works of the Nineteenth century to the present. *Spring*

CAH-LANG

SPW 3130 - Survey of Latin-American Literature I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Main literary currents and works from the colonial period to Nineteenth Century Romanticism. *Fall*

CAH-LANG

SPW 3131 - Survey of Latin-American Literature II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): SPN 3760, SPN 3420 and SPN 3300, or C.I.

Main literary currents and works of the Nineteenth century from Realism to the present. *Spring*

CAH-LANG

SPW 4272 - 20th Century Spanish Novel**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or

SPW3101 or SPW 3130 or SPW

3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

Major works by the leading authors
of the 20th century. Texts selected
are studied not only for their
aesthetic value, but also in terms of
their historical and cultural
significance. *Occasional*

CAH-LANG

SPW 4310 - Early Modern Spanish Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

A study of the drama of the Golden
Age, with special emphasis on Lope,
Tirso, Alarcon, and Calderon. The
controversies of the Spanish theatre
and its influence abroad are
examined. *Occasional*

CAH-LANG

SPW 4322 - Contemporary Iberian Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

A study of the major playwrights and
tendencies in contemporary Iberian
theatre. *Occasional*

CAH-LANG

SPW 4364 - Latin-American Narrative/Essay

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

Study of Latin-American
narrative/essay (changing topics by
semester) with emphasis in 20th
century texts, contrasting techniques,
procedures, and literary theories.
May be repeated for credit only
when course content is different.
Occasional

CAH-LANG

SPW 4372 - Spanish Short Story

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPN 3760, SPN
3420 and SPN 3300, or C.I.

A study of representative 19th and
20th-century Spanish short stories
and their authors. *Occasional*

CAH-LANG

SPW 4381 - Latin-American Theatre/Poetry

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

Study of Latin-American
theatre/poetry (changing topics by
semester) with emphasis in 20th
century texts, contrasting techniques,
procedures, and literary theories.
May be repeated for credit only
when course content is different.

Occasional

CAH-LANG

SPW 4382 - Central American Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
SPW 3100 or SPW3101 or SPW
3130 or SPW 3131 or C.I.

This course familiarizes the student
with literary works of prominent
writers from Central America. It
covers the different literary periods
within Central America literary
history. Taught in Spanish.

Occasional

CAH-LANG

SPW 4400 - Spanish Medieval Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): SPW 3100 or C.I.

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.

Occasional

CAH-LANG

SPW 4460 - Nineteenth Century Spanish Literature

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): SPW 3100 or
SPW3101 or SPW 3130 or SPW
3131 or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):

SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

A study of the representative authors and works in Spanish Romanticism, Realism, and Naturalism. *Occasional*

CAH-LANG

SPW 4604 - Cervantes

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Don Quixote. *Occasional*

CAH-LANG

SPW 4720 - The Generation of 1898

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

A study of the generation's main authors and their works. *Occasional*

CAH-LANG

SPW 4730 - Hispanic Literature of the United States

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Reading and study of outstanding works written by Hispanic writers of the United States. *Occasional*

CAH-LANG

SPW 4770 - Caribbean Spanish Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

An overview of the literature of the Spanish-speaking Caribbean countries from colonial times to the present. *Occasional*

CAH-LANG

SPW 4773 - Puerto Rican Literature

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Puerto Rican Literature from XIX Century to present. Conducted in Spanish. *Occasional*

CAH-LANG

SSE 3112 - Elementary Social Studies for Teaching

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

This course offers a content knowledge base for elementary school social studies to address national and state standards. *Fall, Spring, Summer*

SSE 3312 - Teaching Social Science in the Elementary School

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): SSE 3XXX Elementary Social Studies for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SSE 3XXX Elementary Social Studies for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Selected themes, problems, and concepts; organizing for instruction; techniques; evaluation procedures. *Fall, Spring*

ED-TL&L

SSE 4042 - Teaching Social Science as a Profession

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Social Science Education Track or Lifelong Learning Track or C.I.

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. *Fall*

SSE 4323 - Teaching Civics in Florida

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): POS 2041 and

admission to Civics Teaching

Certificate.

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. *Spring*

ED-TL&L

SSE 4361 - Social Science Instructional Analysis**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): EDG 4410

Corequisite(s): SSE 3940.

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. *Fall*

School of Teacher Education

SSE 4395 - Teaching with Primary Sources**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): 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.

Corequisite(s): None.

This course focuses on the creation, teaching, and evaluation of content specific, content informed, and effective instructional practices that integrate primary sources.

Occasional

ED-TL&L

SSE 4632 - Contemporary Social Science Education**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Admission to Secondary Education B.S. Social Science Education Track or Social Science Education Lifelong Learning Track, or C.I.

A survey of recent developments and contemporary programs in all areas of the social sciences. *Summer*

SSE 4936 - Programs in Teaching Social Science**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Admission to Secondary Education B.S. Social Science Education Track or Social Science Education Lifelong Learning Track, or C.I. Corequisite(s): None.

Special programs, strategies, and materials for middle and secondary social science majors. *Spring*

ED-TL&L

STA 1063C - Basic Statistics Using Microsoft Excel**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Applications of Excel; manipulating data; single variable graphs and statistics; scatterplots; probability distributions; statistical inference. *Fall, Spring*

COS-STAT

STA 2014C - Principles of Statistics**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Fall, Spring, Summer*

Department of Statistics and Data Science

STA 2023 - Statistical Methods I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MGF 1106 or any other MAC course.

First methods course introducing probability and statistical inference, including estimation, hypothesis testing, binomial and normal distributions, sample size. *Fall, Spring*

COS-STAT

STA 2023H - Honors Statistical Methods I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Permission of

Honors; Calculus desired by not necessary.

Same as STA 2023 with honors-level content. *Fall, Spring*

COS-STAT

STA 3032 - Probability and Statistics for Engineers

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2312 with a

grade of "C" (2.0) or better.

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. *Fall, Spring*

ECS-IEMS

STA 3032H - Honors Probability and Statistics for Engineers**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2312 with a

grade of "C" (2.0) or better and

honors standing.

Fundamental probability and statistics principles, the underlying assumptions, the procedures for implementing and interpreting them. With honors content. *Fall, Spring*

ECS-IEMS

STA 4102 - Computer Processing of Statistical Data**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 4163 and

knowledge of a programming language.

Use of packages such as SAS, BMD, SPSS for data validation, description and analysis of data, regression and analysis of variance and covariance. *Fall*

COS-STAT

STA 4130 - Life Contingencies I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 4183 (or old number STA 3183).

Economics of insurance, utility theory, single premiums for insurance and annuities in both discrete and continuous cases. Net annual premium and net premium reserves. *Fall*

COS-STAT

STA 4131 - Life Contingencies II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 4130 (or old number STA 3130).

Multiple-decrement and multi-life models. Insurance models including expenses. Modified reserves. Cash values, insurance options and asset shares. Non forfeiture benefits and dividends. *Spring*

COS-STAT

STA 4133 - Loss Models I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): MAC 2313 and STA 4322.

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. *Fall*

COS-STAT

STA 4135 - Loss Models II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 4133.

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. *Spring*

COS-STAT

STA 4163 - Statistical Methods II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 2023 or STA

3032.

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. *Fall, Spring*

COS-STAT

STA 4163H - Honors Statistical Methods II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): STA 2023H; Consent

of Honors

Methods of analyzing data, statistical models, estimation, tests of hypotheses, regression and correlation, introduction to analysis of variance, and nonparametric methods. With honors content.

Occasional

COS-STAT

STA 4164 - Statistical Methods III

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4163.

A continuation of STA 4163, including further study of regression, analysis of variance and covariance and multiple comparisons. *Fall, Spring*

COS-STAT

STA 4173 - Biostatistical Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): STA 4163 or C.I. Prerequisite(s) or Corequisite(s): None.

Applied statistical principles and methods applied to problems in medical, biological, and health sciences. *Occasional*

COS-STAT

STA 4183 - Theory of Interest

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): MAC 2312 (or equivalent) and STA 2023.

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. *Fall*

COS-STAT

STA 4184 - Introduction to Derivative Markets

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4183 or C.I.

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. *Spring*

COS-STAT

STA 4186 - Theory of Derivative Pricing

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4184 or C.I.

Assumptions of derivative pricing, put-call parity, binomial pricing, market making, delta hedging, exotic options, distributions, Monte Carlo distributions, Brownian motion, interest rate models. *Spring*

COS-STAT

STA 4222 - Sample Survey Methods

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 2023 or STA 3032.

Constructing and analyzing survey designs. Sampling and non-sampling errors. Simple random, stratified, systematic, and multiphase sampling. Methods of estimation. *Occasional*

COS-STAT

STA 4241 - Statistical Learning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Prerequisite(s): STA 4164 and STA 4322

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. *Spring*

Department of Statistics and Data Science

STA 4321 - Statistical Theory I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): MAC 2313. Prerequisite(s) or Corequisite(s): STA 2023 or STA 3032;

Probability axioms, discrete and continuous sample spaces, conditional probability, independence, one-dimensional random variables, moment generating functions, transformations, jointly distributed random variables. *Fall*

COS-STAT

STA 4322 - Statistical Theory II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4321.

Conditional distributions, sums of random variables. Chebyshev's inequality, central limit theorem, method of movements, maximum likelihood, confidence intervals, hypothesis testing, transformations of two random variables. *Spring*

COS-STAT

STA 4345 - Applied Bayesian Statistics

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: STA 4163, or CI

Elements of Bayesian statistics; Bayesian models; Monte Carlo for model fitting; hypothesis testing and model selection; hierarchical models. *Spring*

STA 4502 - Nonparametric Statistical Methods

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 2023 or STA 3032.

Distribution-free tests on location and dispersion, goodness of fit tests, tests of independence, measures of association, nonparametric analysis of variance. *Occasional*

COS-STAT

STA 4504 - Categorical Data Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4163.

Two-way and three-way contingency tables, odds ratios, partial

association, logistic regression and log linear models. *Occasional*

COS-STAT

STA 4641 - Risk Theory and Decision

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4322.

Individual and collective risk models for short terms and for extended periods, applications of risk theory to actuarial problems. Risk factors and their financial effects. *Occasional*

COS-STAT

STA 4664 - Statistical Quality Control

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 2023 or STA 3032.

Statistical concepts and methods applied to the control of quality of manufactured products. *Occasional*

COS-STAT

STA 4674 - Life Testing Analysis

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4322.

Models of survival analysis including random and non-random censoring and truncation. Parametric estimation of life distribution. Nonparametric methods. Grouped data. *Occasional*

COS-STAT

STA 4724 - Big Data Analytics Methods

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): PR: STA 2023 Statistical Methods I

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. *Spring*

STA 4852 - Applied Time Series

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): STA 4163.

Forecasting methods, time series analysis, stationary and nonstationary time series, ARIMA models, forecasting processes. *Occasional*

COS-STAT

SYA 3110 - Social Theory

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000 or C.I.

Examines major theoretical perspectives in sociology, from foundational theories that contributed to the development of the discipline to today. *Fall, Spring*

COS-SOC

SYA 3352 - Spatial Sociology I: Intro to GIS

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000 or SYG 2010.

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. *Fall*

COS-SOC

SYA 3400C - Applied Social Statistics

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): SYA 4300C required. Prerequisite(s) or Corequisite(s): Junior standing and grade of "C" (2.0) or better In SYG 2000. Sociology or Social Sciences majors only, or C.I.;

Application of statistical techniques to sociological data as conducted in the research and writing of social scientists. Focus is on the analysis and interpretation of data used by sociologists. *Fall*

COS-SOC

SYA 4300C - Research Methods

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing and grade of "C" (2.0) or better In SYG 2000. Sociology or Social Sciences majors only, or C.I.

Sociological data collections, sampling techniques, proposal development. Critical evaluation of

social research, and relationship between theory and social research. *Fall*

COS-SOC

SYA 4310C - Qualitative Research Analysis in Sociology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYA 4300C.

Advanced research design and analysis focusing on qualitative research methodologies in sociology. Emphasizes data collection, management, analysis, interpretation, integration, presentation, and report writing. *Occasional*

COS-SOC

SYA 4354 - Geographic Information Systems Applications

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYA 3352, or CI

How to integrate geographic information models with their future research and real-world applications. *Fall*

COS-SOC

SYA 4450 - Data Analysis: Capstone

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): 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. Advanced social research design and analytical skills. Emphasis on social data management, various modes of social data analysis, interpretation, integration, presentation, and report writing. *Spring*

COS-SOC

SYA 4650C - Community Action and Involvement

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Utilization of sociological principles in the treatment of practical human problems and organization. *Occasional*

COS-SOC

SYA 4900 - Applied Sociology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYA 4300C.

How sociology is used outside academia, how to apply research methods in an applied research setting, and complete an applied research project. *Odd Spring*

COS-SOC

SYA 4959 - Participatory Geographic Information Systems in Belize

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The conceptual frameworks, methodologies, and applications of Participatory Geographic Information Systems and related geospatial technologies for use in the field. *Occasional*

COS-SOC

SYD 3410 - Urban Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Historical roots of urbanization. Analysis and impact of community change on social organizations in modern industrial societies. *Occasional*

COS-SOC

SYD 3700 - Race and Ethnicity

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Theoretical analysis of the emergence, maintenance, and disruption of patterns of racial and ethnic stratification. *Fall, Spring*

COS-SOC

SYD 3772 - Race and Social Media

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: SYG 2000, ANT 2000, PSY 2012, or junior standing.

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. *Odd Spring*

SYD 3800 - Sex and Gender in Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Examination of sex and gender in society, as reflected in social norms, attitudes and beliefs, public and private practices, and social institutions. *Fall, Spring*

COS-SOC

SYD 3805 - Sociology of Sexualities

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: SYG 2000 or SYG 2010 or Junior Standing or CI

Critical reading and discussion of current sociological theories and research on human sexuality. *Fall*

SYD 4020 - Birth, Death, and Population Trends

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Concerned with the study of human population, its distribution, composition, and change. *Occasional*

COS-SOC

SYD 4510 - Environment and Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Applies the sociological perspective and sociological methods of analysis to the relationships between human behavior and the environment. *Odd Spring*

COS-SOC

SYD 4514 - Environmental Movement

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Origins, evolution, current status and societal impacts of the environmental movement via sociological theory, concepts and research on social movements. *Occasional*

COS-SOC

SYD 4810 - Women in Contemporary Society

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Examination and evaluation of the

status of women in the context of the major social institutions (e.g., family, education, religion, economy and polity). *Fall, Spring*

COS-SOC

SYD 4813 - Women, Law and Social Change

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

The process of social movements and how they impact legalized social norms for women in public and private life. *Occasional*

COS-SOC

SYD 4820 - Men, Masculinities and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, SYG 2010 or Junior Standing.

Explores the role that masculinities play in social life from a sociological perspective. *Occasional*

COS-SOC

SYG 2000 - Introduction to Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Scientific study of sociological concepts, theories, processes, and methods used in understanding

contemporary human behavior in group interaction. *Fall, Spring*

COS-SOC

SYG 2000H - Honors Introduction to Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors.

Extensive honors work in the field of Sociology. Expectations, requirements, and standards are greater than for standard General Sociology. *Fall, Spring*

COS-SOC

SYG 2010 - Social Problems

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Analysis of major social problems such as mental disorders, sexual deviance, racial discrimination, poverty, community disorganization, and violence. *Fall, Spring*

COS-SOC

SYG 3938 - Careers in Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000 or SYG 2010.

Explore careers that sociology majors are prepared for upon graduation and tips for improving chances of obtaining a desired career. *Fall*

COS-SOC

SYG 4244 - Food and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, or SYG 2010, or Junior standing.

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. *Occasional*

COS-SOC

SYO 3000 - Contemporary Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Exploration of contemporary sociology. Conceptual analysis and methodological techniques, presentation and utilization of sociological literature on major social institutions. *Occasional*

COS-SOC

SYO 3360 - Social Organization and Human Relations

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Analysis of business, government, and industrial organizations. Topics

include organizational theory, social systems, social structure, effects of technology, motivation, leadership, decision-making, and human relations. *Occasional*

COS-SOC

SYO 3408 - Animals and Health

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, or PSY 1212, or Junior standing.

Explores the ways in which non-human animals both enhance and diminish humans' health. *Occasional*

COS-SOC

SYO 3410 - Mental Health in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

A sociological examination of mental illness as a social problem; legal aspects of mental illness, and the mental health professions. *Occasional*

COS-SOC

SYO 3410H - Honors Patterns of Mental Health in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Consent of Honors or C.I.

A sociological examination of mental illness as a social problem; legal aspects of mental illness, and the mental health professions. With Honors content. *Occasional*

COS-SOC

SYO 3530 - Social Power and Inequality

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Study of class, status and power, cultural variations in stratification systems; patterns of mobility and change. *Occasional*

COS-SOC

SYO 3573 - Social Networks: Theory & Applications

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, ANT 2000, PSY 1212, or Junior Standing

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. *Occasional*

COS-SOC

SYO 4100 - Family Trends

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Intimate relationships, practices, trends and issues affecting today's marriages and families. *Fall, Spring*

COS-SOC

SYO 4132 - Global Family Trends

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Sophomore standing or C.I.

The impact of globalization on families by using travel outside of the U.S. as an instructional vehicle. *Occasional* Graded S/U.

COS-SOC

SYO 4133 - Family and Aging in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, SYG 2010 or Junior Standing.

A sociological perspective on human aging as it relates to the institution of family. *Occasional*

COS-SOC

SYO 4200 - Religion in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

The relationship between the

religious institution and social stratification, family, education, as well as issues pertaining to gender, race, ethnicity, and age. *Occasional*

COS-SOC

SYO 4250 - Education and Social Achievement

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

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. *Occasional*

COS-SOC

SYO 4300 - Political Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Sociological analysis of political and parapolitical groups; socioeconomic variable of voting behavior, power elites; societies and systems of government. *Occasional*

COS-SOC

SYO 4323 - Community and Diversity

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000,

ANT 2000, PSY 2012, or Junior standing.

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. *Occasional*

COS-SOC

SYO 4400 - Medical Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Analysis of patient beliefs and behavior, health practitioners, the social organization of hospitals and health services, contemporary problems in the delivery of health care. *Occasional*

COS-SOC

SYO 4400H - Honors Medical Sociology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Consent of Honors or C.I.

Analysis of patient behavior, health practitioners, the social organization of health services, and delivery of health care. With Honors content. *Occasional*

COS-SOC

SYO 4401 - Social Determinants of Health

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, ANT 2000 or PSY 2012 or C.I.

Examination of the ways social characteristics structure or shape health patterns in the U.S. population. *Occasional*

COS-SOC

SYO 4402 - Sociology of Health and Illness Behavior

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, or PSY 2012, or Junior standing.

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). *Occasional*

COS-SOC

SYO 4424 - Men, Masculinities, and Health

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, ANT 2000, PSY 2012 or Junior Standing.

Explores how masculine gendered identities at various stages during the lifecourse intersect with health, illness, and disease. *Odd Fall*

COS-SOC

SYO 4428 - Sociology of Health Care

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): SYG 2000, ANT 2000, PSY 1212, or Junior Standing

Applies a sociological lens to understand and explain how health care is sought and negotiated in the United States. *Occasional*

COS-SOC

SYO 4429 - Social Identities & Health**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): SYG 2000, ANT 2000, PSY 1212, or Junior Standing.

Explores health sociologically as it exists in the U.S. at the intersections of gender, race, ethnicity, age, class, sexual orientation and society. *Occasional*

COS-SOC

SYP 3060 - Sociology of Sex and Reproduction**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000 or PSY 1212, or Junior Standing.

Sociological theories and research examining sexuality and reproduction in contemporary U.S. society. *Occasional*

COS-SOC

SYP 3300 - Fads, Crowds, and Social Action**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Analysis of relatively unstructured social situations, such as mobs, crowds, etc. as well as more structured forms of collective behavior such as social movements. *Occasional*

COS-SOC

SYP 3323 - Video Games in Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): SYG 2000, SYG 2010 or Junior Standing.

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. *Occasional*

COS-SOC

SYP 3400 - Social Change**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Context and essential sources of social development and change. *Occasional*

COS-SOC

SYP 3510 - Sociology of Deviant Behavior**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Sociological examination of the types of, and societal reactions to, deviant behavior with special emphasis on stigmatization. *Spring*

COS-SOC

SYP 3511 - Sociology of Murder**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

An analytical study of murder in the U.S.; topics include different types of homicides, offenders, victims, and circumstances. *Fall*

COS-SOC

SYP 3520 - Criminology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Chief causes of antisocial behavior and current methods of prevention and reform. Effects of heredity and environment, prevalence of delinquency and crime, penal institutions. *Fall, Spring*

COS-SOC

SYP 3530 - Juvenile Delinquency**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Types of delinquency behavior found among juveniles; possible causes and ways society attempts to treat the various forms of delinquency. *Occasional*

COS-SOC

SYP 3540 - Sociology of Law**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

The relationship between law and society, including the functions of law and its organization, social and economic consequences, jury selection, and modern trends. *Occasional*

COS-SOC

SYP 3551 - Alcohol in Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Introduction to the nature of alcoholism and review of its impact on society. *Occasional*

COS-SOC

SYP 3562 - Domestic Violence in Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Sociological perspectives on all forms of domestic violence, including theoretical explanations, prevalence, risk factors, dynamics of prevention, and intervention. *Occasional*

COS-SOC

SYP 3602 - Popular Music in Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

The role of popular music in social change and in reflecting American culture. Consideration is given to the nature of the popular music business. *Occasional*

COS-SOC

SYP 3630 - Popular Culture In Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Examines the relationship between contemporary popular culture and social institutions, collective

identities, social change, gender, ethnicity and age. *Occasional*

COS-SOC

SYP 3650 - Sports and Society**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

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. *Occasional*

COS-SOC

SYP 4000 - Sociological Social Psychology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Study of social perception, attitude formation and change, motivation, and decision-making in small groups as affected by social interaction and social processes. *Occasional*

COS-SOC

SYP 4004 - Constructing Social Issues**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Sociological examination of social problems as an emergent process that involves collective definitions and legitimating organizations. Topics include deviance, race, gender and popular culture. *Occasional*

COS-SOC

SYP 4014 - Sociology of Happiness

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000 or SYG 2010 or ANT 2000 or PSY 2012 or Junior Standing, or CI.

Explores the ways in which happiness and well-being are understood from a sociological perspective and dependent upon cultural, historical, and social factors. *Occasional*

COS-SOC

SYP 4044 - Social Capital and Caregiving from an International Perspective

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: Any of the following: SYG 2000, SYG 2010, or CI.

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). *Occasional* Graded S/U.

SYP 4304 - Social Movements and Revolutions

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Comparative sociology of revolutions and the sociological research on social movements. *Occasional*

COS-SOC

SYP 4420 - The Consumer Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, SYG 2010, or C.I.

Explores primary trends and processes related to life in a consumer society. *Occasional*

COS-SOC

SYP 4454 - Global Inequality and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Theoretical and empirical examination of the sociological process of global stratification and the countervailing force of an emergent anti-globalization social movement. *Occasional*

COS-SOC

SYP 4514 - Violence in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000,

ANT 2000, PSY 2012, or Junior standing.

Social roots, culture, circumstances, prevention, and control of violence. *Occasional*

COS-SOC

SYP 4521 - Crime Victims in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Issues related to victimology such as victimization risks and societal treatment of victims. *Occasional*

COS-SOC

SYP 4536 - Gangs and Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Types of gangs, gang members, activities, group processes, and societal responses to gangs. *Occasional*

COS-SOC

SYP 4550 - Drug Use in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Analysis of the socio-cultural elements of the drug culture.

Occasional

COS-SOC

SYP 4631 - Social Issues in Film

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

The use of film to examine important social issues related to crime, substance use, health, war, social inequality, and the environment.

Occasional

COS-SOC

SYP 4730 - Aging in Society

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Sociological aspects of aging in America. *Fall, Spring*

COS-SOC

SYP 4731 - Health and Positive Aging

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): SYG 2000, SYG 2010, ANT 2000, or CI

Social factors and institutions fostering health and positive aging, a time for potential growth and self-renewal rather than of decline.

Occasional

COS-SOC

SYP 4732 - Minority Aging

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

A sociological examination of older populations within minorities: ethnic minorities, women, and gay men and lesbians. *Occasional*

COS-SOC

TAX 4001 - Taxation of Business Entities and Transactions

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Federal income tax laws affecting the taxation of business entities and transactions. *Fall, Spring*

Kenneth G. Dixon School of Accounting

TAX 4022 - Individual Federal Income Tax

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Junior standing, Accounting major or minor, TAX 4001 with a grade of "C" (2.0) or better.

Study of the basic theory, concepts,

practice and methods of determining the taxable income and tax liabilities of individuals. *Fall, Spring*

Kenneth G. Dixon School of Accounting

THE 2000 - Theatre Survey

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Overview of the art and craft of the theatre. Restricted to non majors. *Fall, Spring*

CAH-THEA

THE 2000H - Honors Theatre Survey

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Permission of Honors. Not restricted to theatre majors.

Honors-level overview of the art and craft of the theatre. *Fall, Spring*

CAH-THEA

THE 2020 - Survey of Theatre for Majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major or minor.

Overview of the art and craft of theatre. *Fall*

CAH-THEA

THE 2050 - Theatre Studies in Creative Drama

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Techniques and theories for facilitating creative drama with youth, as both an art form and teaching tool. *Occasional*

CAH-THEA

THE 2081C - Introduction to UCF Theatre

Credit Hours: 3

Class Hours: 2
Lab and Field Work Hours: 1
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major.

Specific UCF Theatre Department production protocols and operations. *Fall*

CAH-THEA

THE 2090L - Theatre Participation

Credit Hours: VAR

Class Hours: 0
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Department Consent.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. *Fall, Spring*

CAH-THEA

THE 2305 - Script Analysis for Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0

Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major.

Exploration of dramatic form with focus on playscripts for productions. *Fall, Spring*

CAH-THEA

THE 2925L - Theatre Participation - Management I

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: VAR
Contact Hours: VAR
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre Major, Theatre Minor or Dance Minor.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. *Fall, Spring*

CAH-THEA

THE 3006 - Greece to Grease: Development of Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): THE 2000 or any 2000-level History course. Not for Theatre Majors.

Development of Western Theatre from Ancient Greece to today. *Occasional*

CAH-THEA

THE 3006H - Honors From Greece to Grease

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Not open to Theatre

Majors. Consent of Honors.

Development of Western Theatre from Ancient Greece to today. With Honors Content. *Occasional*

CAH-THEA

THE 3082 - Theatre Careers

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): B.A. Theatre major or Theatre minor or Entertainment Management major, "C" (2.0) or better in THE 2000, and Sophomore standing. Corequisite(s): None.

Techniques to secure employment in theatre and related fields. *Occasional*

CAH-THEA

THE 3171 - That's Entertainment!: Theatre Experience in Theme Parks, Vegas, and Broadway

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): THE 2000 or ENC 1102 or FIL 1000.

The art and craft of theatrical live entertainment. *Occasional*

CAH-THEA

THE 3240 - Evolution of Musical Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

Development of Musical Theatre through history. *Occasional*

CAH-THEA

THE 3250 - Sex, Drugs, & the Rock and Roll Musical

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

Overview of the Rock & Roll musical theatre genre including culture and development. *Occasional*

CAH-THEA

THE 3254 - Queer Theatre

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

Examination of the roots, progression and current trends in Queer Theatre through the eyes of its diverse communities: activists, writers and performers. *Occasional*

CAH-THEA

THE 3272 - Shakespeare to RuPaul: Drag in Entertainment

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

The use of drag performance in entertainment. *Occasional*

CAH-THEA

THE 3311 - Theatre History and Dramatic Literature I

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): Theatre major, "C" (2.0) or better in THE 2305.

Theatre history and literature from the Greeks to the Renaissance. *Fall, Spring*

CAH-THEA

THE 3312 - Theatre History and Dramatic Literature II

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major, "C" (2.0) or better in THE 3311 and THE 2305.

Theatre history and literature from French neoclassicism to modern realism. *Fall, Spring*

CAH-THEA

THE 3313 - Theatre History and Dramatic Literature III

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major, "C" (2.0) or better in THE 3312.

Theatre history and literature from modern realism to present. *Fall, Spring*

CAH-THEA

THE 3333 - Shakespeare Skills

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Grade of "C" (2.0) or better in TPP 2185 or TPP 2110C.

Course not allowed for BFA Theatre

Acting Majors. Study of Shakespeare's heightened language, scansion, and text from a theatrical point of view. *Occasional*

CAH-THEA

THE 3383 - Taboo Theatre: Sex & Violence on Stage

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): ENC 1102.

Dramatic literature with taboo topics and their impact on the storytelling and entertainments of today. *Occasional*

CAH-THEA

THE 3549 - Topics in Theatre Studies

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre Major or Minor.

In-depth study and application of a specific theatre studies topic. *Occasional*

CAH-THEA

THE 4085 - Health and Wellness for the Performing Artist

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: Theatre major, THE 2020 or THE 2000.

Focus on performing artists' health and related topics. *Spring*

THE 4093L - Theatre Participation-Management II

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Theatre major or

minor; "C" (2.0) or better in THE 2925L.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. *Fall, Spring*

CAH-THEA

THE 4212 - Global Theatre**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Grade of C (2.0) or better required in ENC 1101 or ANT 2000.

Theatrical arts and traditions of various countries with an emphasis on nonwestern cultures. *Occasional*

CAH-THEA

THE 4230 - Cultural Diversity in Theater**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in ENC 1101 or ANT 2000.

Commonality of human experience among various cultural groups through the study of dramatic literature. *Occasional*

CAH-THEA

THE 4244 - Musical Theatre History I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): B.F.A. Musical Theatre major, "C" (2.0) or better required in THE 2081C.

Origins and evolution of Musical Theatre from the Ancient Greeks through the 1950s. *Fall*

CAH-THEA

THE 4245 - Musical Theatre History II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): BFA Musical Theatre major, C (2.0) or better required in THE 4244.

Origins and evolution of Musical Theatre from the 1950s through the present. *Spring*

CAH-THEA

THE 4284 - Period Costume, Architecture, and Decor I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in ENC 1102.

Costumes, furniture and decor from antiquity to the High Renaissance. *Fall*

CAH-THEA

THE 4285 - Period Costume, Architecture, and Decor II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in THE 4284.

Costumes, furniture and decor from the English Renaissance to the present. *Occasional*

CAH-THEA

THE 4423 - Women in Theatre**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Grade of C (2.0) or better in ENC 1101.

An overview of women's contributions to theatre. *Occasional*

CAH-THEA

THE 4543 - Theatre for Social Change**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Grade of C (2.0) or better in ENC 1101.

Theatre activist's impact on theatrical art forms. *Occasional*

CAH-THEA

THE 4543H - Honors Theatre for Social Change**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Consent of Honors.

Theatre activist's impact on theatrical art forms. With Honors content. *Occasional*

CAH-THEA

THE 4954 - Theatre Exit Critique**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): Theatre Major;

Senior Standing.

Completion of departmental exit critique. *Fall, Spring* Graded S/U.

CAH-THEA

TPA 1990 - BFA Review I**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): PR: Theatre BFA major, Design and Technology or Stage Management track

BFA Review at the end of student's first semester for continuation in the program. *Fall*

TPA 2000C - Theatre Design Basics**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): BFA Design and Technology or Stage Management major.

Basic design skills for scenic, lighting, sound and costume designers. *Fall*

CAH-THEA

TPA 2071C - Theatre Rendering**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in TPA 2000C.

Specific rendering techniques used to create visual images for scenic, lighting, and costume designers. *Spring*

CAH-THEA

TPA 2200 - Introduction to Technical Theatre**Credit Hours: 2**

Class Hours: 2

Lab and Field Work Hours: 0

Contact Hours: 2

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Development, theory and practice of all areas of technical theatre production. *Fall, Spring*

CAH-THEA

TPA 2200L - Intro to Technical Theatre Lab**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

TPA 2200. Prerequisite(s) or

Corequisite(s): Theatre Major or

Department Consent.

Practical projects in scenic construction. *Fall, Spring* M&S fee \$45.00

CAH-THEA

TPA 2210 - Stagecraft I**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

TPA 2210L. Prerequisite(s) or

Corequisite(s): BFA Design/Tech or Stage Management,

Development, theory, and practice of technical theatre production. *Fall*

CAH-THEA

TPA 2210L - Stagecraft I Lab**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

Practical projects in scenic construction. *Occasional* M&S fee \$45.00

CAH-THEA

TPA 2211 - Stagecraft II**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s):

TPA 2211L. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in

TPA 2210 and TPA 2210L;

Advanced projects in scenic construction. *Spring*

CAH-THEA

TPA 2211L - Stagecraft II Lab**Credit Hours: 1**

Class Hours: 0

Lab and Field Work Hours: 6

Contact Hours: 6

Prerequisite(s): None. Corequisite(s):

TPA 2211. Prerequisite(s) or

Corequisite(s): "C" (2.0) or better in

TPA 2210 and TPA 2210L;

Advanced projects in scenic construction. *Occasional* M&S fee \$45.00

CAH-THEA

TPA 2220C - Stage Electronics**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): BFA Design and Technology or Stage Management

major.

Introduction to lighting and sound electronics for the stage. *Fall* M&S fee \$44.00

CAH-THEA

TPA 2232C - Costume Construction

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre Major or Department Consent.

Basic knowledge and techniques for construction of stage costumes. *Fall, Spring* M&S fee \$22.00

CAH-THEA

TPA 2248C - Makeup Techniques

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre B.F.A. major or departmental consent.

Theory and practice of stage makeup. *Fall, Spring* M&S fee \$17.00

CAH-THEA

TPA 2290L - Theatre Participation-Production I

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): PR: Theatre Major, Theatre Minor or Dance Minor Prerequisite(s) or Corequisite(s): PR: Theatre Major, Theatre Minor or Dance Minor

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8

times. *Fall, Spring* M&S fee \$47.00

CAH-THEA

TPA 2600 - Stage Management: Introduction

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre Major or Minor.

Functions and responsibilities of professional stage managers. *Occasional*

CAH-THEA

TPA 2991 - BFA Review II

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): PR: Theatre BFA major, Design and Technology or Stage Management track and TPA 1990.

BFA Review at the end of student's second semester for continuation in the program. *Spring*

TPA 3045C - Costume Design for Theatre I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BFA Stage Management or Design & Technology major and "C" (2.0) or better in THE 2305 and TPA 2000C.

Projects in the fundamentals of costume design for the stage. *Fall*

CAH-THEA

TPA 3060C - Scenic Design for Theatre I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2000C, TPA 2071C, and TPA 4250C.

Projects in the fundamentals of scenic design for the stage. *Fall* M&S fee \$37.00

CAH-THEA

TPA 3077C - Scene Painting

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 2000C and TPA 2071C.

Projects in scene painting techniques. *Fall* M&S fee \$70.00

CAH-THEA

TPA 3172 - Flash, Bash, and Splash: Concerts, Wrestling, & Circus

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): THE 2000, MUL 2010, ENC 1102, or ARH 2051. Corequisite(s): None.

Components of large-scale entertainment extravaganzas including but not limited to designers, technical developments, documentation, concepts, and venues. *Occasional*

CAH-THEA

TPA 3183 - The Themed Experience

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1101 or C.I.

Broad overview of creation and concepts in themed experiences.
Occasional

School of Performing Arts

TPA 3195L - Summer Theatre Studio/Tech/Design I**Credit Hours: 3**

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Departmental consent by audition or interview.

Study, analysis and execution of technical/design aspects for playscripts produced on UCF mainstage. May be repeated for credit. *Occasional* M&S fee \$20.00

CAH-THEA

TPA 3197L - Summer Theatre Studio/Tech/Design II**Credit Hours: 3**

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Departmental consent by audition or interview.

Continuation of TPA 3195L. May be repeated for credit. *Occasional* M&S fee \$20.00

CAH-THEA

TPA 3223C - Lighting Design for Theatre I**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or

Corequisite(s): BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C.

Projects in the fundamentals of lighting design for the stage. *Spring* M&S fee \$61.00

CAH-THEA

TPA 3249C - Advanced Makeup Techniques**Credit Hours: 2**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 2248C.

Lecture/laboratory study of basic techniques needed for the creation of stage and film prosthetics and masks. *Occasional* M&S fee \$70.00

CAH-THEA

TPA 3265C - Sound Design for Theatre I**Credit Hours: 3**

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BFA Stage Management or Design Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C.

Projects in the fundamentals of sound design for the stage. *Spring*

CAH-THEA

TPA 3383C - Topics in Technical Theatre**Credit Hours: VAR**

Class Hours: VAR

Lab and Field Work Hours: 0

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s):

None. Prerequisite(s) or Corequisite(s): Theatre Major and "C" (2.0) or better in TPA 2232C or TPA 2220C or Department Consent.

Techniques used in the production of scenery or costumes for the stage. Variable Topics. May be used in the degree program a maximum of 8 times. *Occasional* M&S fee \$35.00

CAH-THEA

TPA 3601 - Stage Management: Techniques**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 2600.

Paperwork, structure, and tools used by Stage Manager *Fall*

CAH-THEA

TPA 3992 - BFA Review III**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): PR: Theatre BFA major, Design and Technology or Stage Management track, and TPA 2991 BFA Review II

BFA Review at the end of student's fourth semester for continuation in the program. *Spring* Graded S/U.

TPA 3995 - Preliminary Portfolio Review**Credit Hours: 0**

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): PR: TPA 2991 BFA Review II

Review of the development of the student's professional portfolio *Spring* Graded S/U.

**TPA 4066C - Advanced
Scenography**

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 3060C, TPA 3045C, TPA 3265C, or TPA 3223C.

Project based work in student's area of concentration. May be used in the degree program a maximum of 4 times only when course content is different. *Occasional*

CAH-THEA

TPA 4250C - CADD for Theatre

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): B.F.A Design and Technology or Stage Management major and ""C"" (2.0) or better in THE 2000. Corequisite(s): B.F.A Design and Technology or Stage Management major and ""C"" (2.0) or better in THE 2000. Prerequisite(s) or Corequisite(s): B.F.A Design and Technology or Stage Management major and ""C"" (2.0) or better in THE 2000.

Computer-aided drafting and design and its application for Theatre. *Occasional* M&S fee \$23.00

CAH-THEA

**TPA 4251C - Advanced CADD for
Theatre**

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 4250C.

Advanced computer-aided drafting and design and its application for

Theatre. *Spring* M&S fee \$43.00

CAH-THEA

**TPA 4298L - Theatre
Participation-Production II**

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPA 2290L.

Participation in UCF Theatre Productions. May be used in the degree program a maximum of 8 times. *Fall, Spring* M&S fee \$47.00

CAH-THEA

**TPA 4384C - Advanced Topics in
Technical Theatre**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 4

Contact Hours: 7

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C (2.0) in TPA 2210 and TPA 2211.

Variable topics which may include Technical Direction or other advanced topics. May be used in the degree program a maximum of 4 times. *Occasional* M&S fee \$35.00

CAH-THEA

TPA 4400 - Theatre Management

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): "C" (2.0) or better in THE 2020, Theatre Major or Minor and Junior standing. Corequisite(s): Theatre Major or Minor and Junior standing. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in THE 2020, Theatre Major or Minor and Junior standing.

Study of the development,

organization, management, funding, and promotion of theatres. *Fall*

CAH-THEA

**TPA 4401C - Theatre Careers in
Production**

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Design/Tech or Stage Management; Junior standing.

Techniques to secure employment in technical theatre, design, and stage management. *Spring*

CAH-THEA

**TPA 4602 - Stage Management:
Applications**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Stage Management major, C (2.0) or better required in TPA 3601.

Application of stage management techniques *Fall*

CAH-THEA

**TPA 4604 - Stage Management:
Professional Practice**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Stage Management major, "C" (2.0) or better required in TPA 4602.

Union work rules and application of professional contracts. *Fall*

CAH-THEA

TPA 4900 - Capstone Portfolio Review

Credit Hours: 0

Class Hours: 0

Lab and Field Work Hours: 0

Contact Hours: 0

Prerequisite(s): PR: TPA

3995 Preliminary Portfolio Review

Review of student's professional portfolio prior to graduation. *Spring*
Graded S/U.

TPP 2101 - Fundamentals of Acting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BA Theatre Studies major, BFA Design & Technology major, BFA Stage Management major or Theatre minor.

Development of imagination, self-awareness and the ability to execute basic stage tasks. *Fall, Spring*

CAH-THEA

TPP 2110C - Acting I – Introduction

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major or minor.

Development of imagination, self-awareness, and the ability to execute basic stage tasks. *Fall, Spring*

CAH-THEA

TPP 2170C - Acting II -The Actor Prepares

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A Acting or Musical Theatre major and "C" (2.0) or better in TPP 2110C.

Fundamental techniques to acting, with emphasis on characterization and character development. *Fall, Spring*

CAH-THEA

TPP 2185 - Acting for Non-majors

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Introduction to the fundamentals of acting. *Fall, Spring*

CAH-THEA

TPP 2190L - Theatre Participation-Performance I

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): Theatre Major, Theatre Minor or Dance Minor

Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre Major, Theatre Minor or Dance Minor

Participation in UCF Theatre productions. May be repeated for credit. *Fall, Spring* M&S fee \$48.00

CAH-THEA

TPP 2700C - Stage Speech/Voice

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BA Theatre major or minor. Practical stage voice as it applies to performance.

Credit cannot be applied towards BFA acting and musical theatre majors. *Spring*

CAH-THEA

TPP 2710C - Voice Production I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BFA acting major.

Lessac, Skinner, phonetics, and the vocal apparatus. *Fall*

CAH-THEA

TPP 2742C - Estill for Musical Theatre – Craft

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Musical Theatre Major.

Estill Model of anatomy and physiology of the voice, diction at a distance, and compulsory figures. *Fall*

CAH-THEA

TPP 3103 - Intermediate Acting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): 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.

Practice and execution of scene work, monologue work, and exercises. *Fall, Spring*

CAH-THEA

TPP 3173C - Acting III - Building the Character

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Grade of C (2.0) or better required in TPP 2170C.

Reinforcement of acting techniques begun in Acting II, with emphasis on characterization and character development. *Spring*

CAH-THEA

TPP 3197L - Summer Theatre/Performance

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Audition/Interview or departmental consent.

Production assignments and responsibilities during the rehearsals/performances of play scripts produced on the UCF mainstage. May be used in the degree program a maximum of 8 times. *Occasional* M&S fee \$20.00

CAH-THEA

TPP 3245 - Topics in Theatre Performance

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Theatre major or minor, Sophomore standing, and THE 2000 and TPP 2110C or TPP 2185. Corequisite(s): None.

In-depth study and application of a specific topic related to theatre performance. *Occasional*

CAH-THEA

TPP 3251C - Musical Theatre Monologue

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Musical Theatre major, and "C" (2.0) or better required in TPP 2170C.

Practical acting techniques with solo musical theatre repertoire. *Fall*

CAH-THEA

TPP 3252C - Musical Theatre Scene Study

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Musical Theatre major, and "C" (2.0) or better in TPP 2170C.

Practical acting technique for musical theatre scene study *Spring*

CAH-THEA

TPP 3257C - Musical Theatre Voice Techniques

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Acting or B.A. Theatre Studies.

Techniques for singing musical theatre repertoire *Spring*

CAH-THEA

TPP 3258C - Musical Theatre Voice Styles

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Acting or B.A. Theatre Studies major, and "C" (2.0) or better in TPP 3257C.

Singing a variety musical theatre repertoire styles. *Fall*

CAH-THEA

TPP 3264C - Acting on Camera

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BA Theatre major; "C" (2.0) or better in TPP 2110C, and TPP 3103.

Preparing the actor for professional work in the TV/Film industry. *Occasional*

CAH-THEA

TPP 3272C - Estill for Musical Theatre – Artistry

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): TPP 2742C.

Technical, emotional and psychological aspects of voice applied to musical theatre singing. Music and Lyrics as script. *Spring*

CAH-THEA

TPP 3310C - Directing for Theatre I

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major and "C" (2.0) or better required in THE

3312.

Principles and techniques of play direction to include script selection, directorial analysis, casting, composition/picturization, blocking, tempo, and rehearsal planning. *Fall, Spring*

CAH-THEA

TPP 3510C - Movement for the Actor I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): BFA Acting Major.

Physical exploration of relaxation, release, and strengthening exercises designed to help the actor develop a more expressive body. *Fall*

CAH-THEA

TPP 3513C - Movement for the Actor II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): C (2.0) or better in TPP 3510C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): C (2.0) or better in TPP 3510C.

Reinforcement of the techniques of TPP 3510C. *Spring*

CAH-THEA

TPP 3711C - Voice Production II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 2710C.

Reinforcing stage voice awareness introduced in TPP 2710C, focusing

on a physical approach to acting texts. *Spring*

CAH-THEA

TPP 3712C - Voice Production III

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3711C.

Emphasis on study of Shakespearean and heightened language. *Fall*

CAH-THEA

TPP 3743C - Musical Theatre Applied/Studio Voice I

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3272C.

Continuation of Musical Theatre voice training with individualized instruction. *Fall*

CAH-THEA

TPP 3744C - Musical Theatre Applied/Studio Voice II

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3743C.

Continuation of Musical Theatre voice training with individualized instruction. *Fall*

CAH-THEA

TPP 3952L - Summer Studio Performance

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Audition/Interview or departmental consent.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. *Occasional* M&S fee \$20.00

CAH-THEA

TPP 4140C - Acting IV - Creating the Role

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3173C.

Continued exploration and application of acting techniques through scene study. *Fall*

CAH-THEA

TPP 4142C - Acting Verse

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Grade of "C" (2.0) or better required in TPP 3712C and TPP 4140C.

Verse drama with particular emphasis placed on scansion and verse in the plays of William Shakespeare. *Occasional*

CAH-THEA

TPP 4143C - Acting Styles

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3103 or TPP 4140C.

An advanced and comprehensive view of acting styles. *Occasional*

CAH-THEA

TPP 4193L - Theatre Participation-Performance II

Credit Hours: 1

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major or minor and "C" (2.0) or better in TPP 2190L.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times. *Fall, Spring* M&S fee \$48.00

CAH-THEA

TPP 4221 - Auditioning

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 2170C.

Selecting monologues, auditioning techniques and cold readings. *Spring*

CAH-THEA

TPP 4223C - Theatre Careers in Performance

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): B.F.A. Acting or Musical Theatre major, Junior standing.

Techniques needed to secure employment in performance or related fields. *Even Spring*

CAH-THEA

TPP 4243C - Circus Arts

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): Theatre major or minor; "C" (2.0) or better in TPP 2110C or TPP 2185.

Circus history and introduction to a wide range of circus skills. *Occasional*

CAH-THEA

TPP 4244 - The Art of Storytelling

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Theatre major or minor; "C" (2.0) or better in TPP 2185, or TPP 2110C, and THE 2000. Corequisite(s): None.

Application of theatrical storytelling as an art form. *Occasional*

CAH-THEA

TPP 4244H - Honors The Art of Storytelling

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): ENC 1102 and Consent of Honors. Corequisite(s): None.

Application of theatrical storytelling as an art form. With Honors content. *Occasional*

School of Performing Arts

TPP 4259C - MT Applied/Studio Voice III

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 3744C.

Continuation of Musical Theatre voice training. Individualized instruction *Fall*

CAH-THEA

TPP 4265C - Camera Acting

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): "C" (2.0) or better in TPP 4140C.

Application of previous acting training to the TV/Film medium. *Occasional*

CAH-THEA

TPP 4270C - MT Applied/Studio Voice IV

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): "C" (2.0) or better in TPP 4259C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Continuation of Musical Theatre voice training. Individualized instruction *Spring*

CAH-THEA

TPP 4271C - MT Applied/Studio Voice V

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): "C" (2.0) or better in TPP 4270C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Continuation of Musical Theatre
voice training. Individualized
instruction. *Fall*

CAH-THEA

**TPP 4311C - Advanced Directing
for Theatre**

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): "B" (3.0) or better
grade in TPP 3310C. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Practical experience directing class
scenes and projects. *Spring*

CAH-THEA

TPP 4512C - Stage Combat

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): BFA Acting or
Musical Theatre major, grade of "C"
(2.0) or better in TPP 3711C, and
Senior standing. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Stage combat with emphasis on
hand-to-hand combat. *Occasional*

CAH-THEA

TPP 4531C - Period Movement

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Grade of C (2.0) or
better required in TPP 3173C.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Continuation of Movement/Dance
work. Emphasis given to period
styles. *Fall*

CAH-THEA

TPP 4730C - Dialects

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 1

Contact Hours: 3

Prerequisite(s): Grade of "C" (2.0) or
better required in TPP 3712C.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Analysis of dialects and
regionalisms, reinforcing the study
of phonetics, placement, and vocal
apparatus. *Occasional*

CAH-THEA

**TPP 4746C - Musical Theatre
Auditioning**

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): Theatre major and
grade of "C" (2.0) or better in DAA
2201C and TPP 3257C or TPP
2742C. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Preparation for professional musical
theatre auditions. *Occasional*

CAH-THEA

**TPP 4923C - MT Applied/Studio
Voice VI**

Credit Hours: 2

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): "C" (2.0) or better in
TPP 4271C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s):
None.

Continuation of Musical Theatre
voice training. Individualized
instruction. *Spring*

CAH-THEA

TPP 4940L - Theatre Internship

Credit Hours: 6

Class Hours: 0

Lab and Field Work Hours: VAR

Contact Hours: VAR

Prerequisite(s): Restricted to B.F.A.
Theatre majors, and Junior Standing
and subject to Departmental
approval. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Off-campus internship programs in
professional theatre. Required of all
B.F.A. theatre majors. *Fall, Spring*

CAH-THEA

**TSL 3346 - English as an
International Language**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Two semesters of
college-level foreign language.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Fall, Spring*

CAH-LANG

**TSL 4080 - Theory and Practice of
Teaching ESOL Students in
Schools**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Junior standing or
C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

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. *Fall, Spring*

ED-TL&L	for learning both content and English as a second language. <i>Summer</i>	ED-TL&L
TSL 4240 - Issues in Second Language Acquisition	TSL 4942 - ESOL Field Experience	TTE 3810 - Highway Engineering
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TSL 4080. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TSL 4080. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): STA 3032 with a grade "C" (2.0) or better; Corequisite(s): CGN 3700C. Prerequisite(s) or Corequisite(s): None.
English phonology, morphology, syntax, and semantics, for future teachers. <i>Fall, Spring</i>	Practical application of research and theory on teaching and assessing academic subjects to second language (L2) learners in grades Pre-K-12. <i>Fall, Spring</i>	Three functional classifications are covered: planning, design and operation of transportation facilities. Emphasis is on the highway transportation mode. <i>Fall, Spring</i>
CAH-LANG	ED-TL&L	ECS-CECE
TSL 4363 - ESL Classroom Experiences	TSL 4943 - L2 Academic Language Instruction	TTE 4274 - Transportation Engineering Systems
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TSL 3346 (B- or better). Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TSL 4080. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TTE 3810 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
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. <i>Spring</i>	Research, theory, and practical application of teaching and assessing academic language and disciplinary literacy for second language (L2) learners in grades Pre-K-12. <i>Spring</i>	Topics such as safety, Intelligent Transportation Systems, and airport transportation will be covered. <i>Fall, Spring</i>
CAH-LANG	ED-TL&L	ECS-CECE
TSL 4520 - ESOL Cultural Diversity	TSL 4945 - ESOL Clinical Experience	TTE 4300 - Transportation Analytics
Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): PR: Admission to Teacher Education B.S pending or Teacher Education B.S. World Languages Education track or Lifelong Learning track or C.I.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TSL 4942 and TSL 4943. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.	Credit Hours: 3 Class Hours: 3 Lab and Field Work Hours: 0 Contact Hours: 3 Prerequisite(s): TTE 3810 with a grade of "C" (2.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.
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	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. <i>Fall, Spring</i>	Qualitative and quantitative approaches to contemporary transportation challenges, including economic theory, optimization algorithms, statistical methods, and

sustainable transportation alternatives. *Spring*

ECS-CECE

TTE 4601C - Urban Systems Design

Credit Hours: 3

Class Hours: 2

Lab and Field Work Hours: 2

Contact Hours: 4

Prerequisite(s): TTE 4274 with a grade of "C" (2.0) or better and department consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring*
M&S fee \$25.00

ECS-CECE

VIC 3001 - Visual Communication

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Either SPC 1608, SPC 1603C, COM 1000, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

A study of human visual systems and influences of visual media on modern society. *Fall, Spring*

COS-COMM

VIC 4312 - Power Branding

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Ad/PR majors only; MMC 3630, and MMC 3420 Corequisite(s): None. Prerequisite(s) or Corequisite(s): ADV 4101, or C.I.

The importance of brand equity as well as how to build, measure, and

manage brand equity. *Fall, Spring*

COS-COMM

WOH 2012 - World Civilization I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall, Spring*

CAH-HIST

WOH 2012H - Honors World Civilization I

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The rise and decline of world civilizations from antiquity to the great civilizations of medieval times. Honors content. *Occasional*

CAH-HIST

WOH 2022 - World Civilization II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): None. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Rise of modern civilization from 1500 to the present, with an emphasis on the confrontation between the Western and non-Western spheres of civilization. *Fall, Spring*

CAH-HIST

WOH 2022H - Honors World Civilization II

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Permission of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-HIST

WOH 4208 - History of the Global Drug Trade

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WOH 2022 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

The global history of struggles over the production, circulation, and consumption of illicit drugs from the early modern period to the present. *Occasional*

CAH-HIST

WOH 4272 - Age of Atlantic Revolutions 1763-1826

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): AMH 2010 or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Compares origins, development, and outcomes of the American, French, Latin American, and Haitian Revolutions. *Occasional*

CAH-HIST

**WOH 4273 - Age of Atlantic
Revolutions 1848-1920**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): PR: AMH 2010,
AMH 2020 or C.I.

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.
Occasional

**WST 3015 - Introduction to
Women's Studies**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Interdisciplinary course introducing
students to key issues and problems
regarding women and gender
relations in past and present
societies. *Fall, Spring*

CAH-WOM

**WST 3015H - Honors Introduction
to Women's Studies**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and
Consent of Honors. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Focus on women and gender in a
transnational context. With Honors
content. *Even Spring*

CAH-WOM

WST 3020 - Girls' Studies

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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.

Occasional

CAH-WOM

**WST 3371 - Women and
Leadership**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

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. *Occasional*

CAH-WOM

**WST 3371H - Honors Women and
Leadership**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102H or
consent of Honors.

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. *Even
Spring*

Program in Women's and Gender
Studies

**WST 3460 - Women, Race and
Struggle**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Interdisciplinary study of issues,
perspectives, and scholarship by and
about women of color. *Occasional*

CAH-WOM

**WST 3460H - Honors Women,
Race and Struggle**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): Consent of Honors.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Interdisciplinary study of issues,
perspectives, and scholarship by
and about women of color. With Honors
content. *Occasional*

CAH-WOM

**WST 3500 - Gender Issues and
Community Activism**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WST 3015 or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Feminist perspectives applied to
current community issues.
Interdisciplinary analysis through
service learning and field research.
Issues will vary. May be repeated for
credit. *Occasional*

CAH-WOM

**WST 3522 - First and Second
Wave Feminisms**

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

History of Western feminist thought, from the late eighteenth century to the 1980s, through texts by First and Second Wave Feminists. *Occasional*

CAH-WOM

WST 3561 - Third Wave Feminisms**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WST 3015.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Third wave feminist theories and practices with an activist focus. *Even Spring*

CAH-WOM

WST 3603 - Introduction to Gender Studies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1101.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Historical and cultural foundations of gender, sexuality, and intersectional theories with attention to fluidity of identities and diversity of experiences. *Even Fall*

CAH-WOM

WST 3610 - Gender and Technology**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and

Junior Standing. Corequisite(s):

None. Prerequisite(s) or

Corequisite(s): None.

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. *Occasional*

CAH-WOM

WST 3621 - Theories of Masculinity**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Masculinity from feminist perspectives, examining issues of race, class, sexuality, and violence, as well as constructions of masculinity in sports, family, and other institutions. *Occasional*

CAH-WOM

WST 4002 - Research in Women and Gender Studies**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): WST 3015.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Relationships among feminist theory, research, social change, and gender equality as experienced at the workforce in private, public and nonprofit spheres. *Occasional*

CAH-WOM

WST 4021 - Girls and Leadership**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and WST 3020. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Feminist theory and practice related to the building of leadership skills in girls. Service learning component. *Occasional*

CAH-WOM

WST 4022 - Girls and the Body**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and WST 3020. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Feminist theory and practice applied in an examination of body image as it relates to girls in contemporary society. Service learning component. *Occasional*

CAH-WOM

WST 4023 - Virtual Girls**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and WST 3020. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Feminist theory and practice applied in an examination of the role of technology in the lives of young girls. Service learning component. *Occasional*

CAH-WOM

WST 4312 - Representations in Motherhood**Credit Hours: 3**

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ENC 1102 and Senior standing Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

CAH-WOM

WST 4349 - Ecofeminism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 and WST 3015. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Connections between feminism and the environment. *Occasional*

CAH-WOM

WST 4415 - Global and Transnational Feminism

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): ENC 1102 and WST 3015. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

Feminist theory from a global, multi-cultural perspective, combined with global feminist activism. Service learning component. *Occasional*

CAH-WOM

WST 4950 - Young Women's Leadership Practicum

Credit Hours: 1

Class Hours: 1
Lab and Field Work Hours: 2
Contact Hours: 3
Prerequisite(s): PR: ENC 1102 or C.I.

Fosters leadership in UCF women by training them to become Big Sister mentors in a one-on-one leadership development program with 7th grade girls. May be repeated for credit. *Occasional*

ZOO 3454 - Ichthyology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): PR: A grade of "C" or better in PCB 3063 and PCB 3044 or CI

This course provides an introduction to fish biology and covers (in varying amounts of detail the following topics: diversity, systematics, functional anatomy, physiology, ecology, evolution and conservation. *Spring*

ZOO 3713C - Comparative Vertebrate Anatomy

Credit Hours: 5

Class Hours: 3
Lab and Field Work Hours: 6
Contact Hours: 9
Prerequisite(s): A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s): None.

The vertebrate animals, relationships of organs and systems, and their phylogenetic significance. *Fall* \$70

COS-BIOL

ZOO 3733C - Honors Human Anatomy

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): BSC 2010C or equivalent and Consent of Honors. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Spring* M&S fee \$6.00

COM-BSBS

ZOO 3733C - Human Anatomy

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): BSC 2010C or equivalent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Structure of the human body. *Fall, Spring* M&S fee \$6.00

COM-BSBS

ZOO 3736C - Exercise Physiology Anatomy

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 2
Contact Hours: 5
Prerequisite(s): BSC 2010C, C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Gross anatomy for exercise physiology majors. *Fall, Spring* M&S fee \$6.00

COM-BSBS

ZOO 3744 - Neurobiology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): BSC 2010C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Biological principles governing the physiology of the nervous system including electrical properties, chemical signaling, cellular composition, development, injury and regeneration. *Fall, Spring*

COM-BSBS

**ZOO 3744H - Honors
Neurobiology**

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Contact Hours: 3
Prerequisite(s): BSC
2010C and BSC 2010C - Honors
General Biology. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

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. *Occasional*

COM-BSBS

**ZOO 3755C - Introductory
Histology**

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 1
Contact Hours: 4
Prerequisite(s): PCB 3703C or ZOO
3733C or equivalent. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

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.
Odd Fall, Odd Spring

COM-BSBS

**ZOO 4205C - Biology and Ecology
of Metazoan Invertebrates**

Credit Hours: 4

Class Hours: 3
Lab and Field Work Hours: 3
Contact Hours: 6
Prerequisite(s): A "C" (2.0) or better
in all the following; BSC 2010C,
BSC 2011C, and PCB 3044, or C.I.

Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Anatomy, ecology, taxonomy,
behavior, evolution, and
parasitological relations of the
radiates, bilateria, acoelous,
pseudocoelous, schizocoelous, and
enterocoelous invertebrates.
Occasional M&S fee \$34.00

COS-BIOL

ZOO 4272 - Ornithology

Credit Hours: 3

Class Hours: 3
Lab and Field Work Hours: 0
Prerequisite(s): Grade of "C" or
better in BSC 2011C or C.I.

Comprehensive course in bird
biology covering global diversity,
evolution and systematics, anatomy,
physiology, behavior, and ecology.
Odd Spring

Department of Biology

**ZOO 4310C - Vertebrate
Evolution & Ecology**

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 6
Contact Hours: 8
Prerequisite(s): A "C" (2.0) or better
in all the following; BSC 2010C,
BSC 2011C, PCB 3044, and PCB
3063, or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Vertebrate evolution and ecology,
based on the paleontological and
ecological literature. The laboratory
places heavy emphasis on
classification/identification and field
work. *Occasional* M&S fee \$65.00

COS-BIOL

**ZOO 4405C - Sea Turtle Ecology
and Conservation Internship**

Credit Hours: 3

Class Hours: 1
Lab and Field Work Hours: 3
Prerequisite(s): Intern application,

ENC1101, and CI. Corequisite(s):
None. Prerequisite(s) or
Corequisite(s): None.

Provide participants with hands-on
field and research experience.
Students will gain a foundation in the
current state of sea turtle science and
conservation. *Summer*

Department of Biology

ZOO 4462C - Herpetology

Credit Hours: 4

Class Hours: 2
Lab and Field Work Hours: 4
Contact Hours: 6
Prerequisite(s): "C" (2.0) or better in
BSC 2011C and PCB 3044.
Corequisite(s): None. Prerequisite(s)
or Corequisite(s): None.

Introduction to the biology of the
amphibians and reptiles, their
classification, evolution, and life
histories. *Odd Spring* \$70

Department of Biology

ZOO 4480 - Mammalogy

Credit Hours: 4

Class Hours: 4
Lab and Field Work Hours: 0
Contact Hours: 4
Prerequisite(s): A "C" (2.0) or better
in both BSC 2010C and BSC 2011C,
or C.I. Corequisite(s): None.
Prerequisite(s) or Corequisite(s):
None.

Diversity and biology of mammals
from an evolutionary perspective.
Even Spring

COS-BIOL

ZOO 4480L - Mammalogy Lab

Credit Hours: 1

Class Hours: 0
Lab and Field Work Hours: 3
Contact Hours: 3
Prerequisite(s): None. Corequisite(s):
ZOO 4480. Prerequisite(s) or
Corequisite(s): None.

This lab will enhance topics covered

in the lecture further exploring the anatomy and identification of mammals with hands-on experience. *Fall*

COS-BIOL

ZOO 4513 - Animal Behavior

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): A "C" (2.0) or better in PCB 3044. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Study of the current ideas in animal behavior, including the mechanism of behavior and evolutionary explanations. *Odd Fall*

COS-BIOL

ZOO 4603C - Embryology/Development

Credit Hours: 5

Class Hours: 3

Lab and Field Work Hours: 4

Contact Hours: 7

Prerequisite(s): A "C" (2.0) or better in both PCB 3063 and PCB 3023, or PCB 3522, or C.I. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Concepts of developmental processes. Emphasis on mechanisms underlying vertebrate development. *Spring* M&S fee \$22.00

COS-BIOL

ZOO 4605 - Human Clinical Embryology and Congenital Malformation

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3733C. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced functional human clinical embryology with focus on congenital

abnormalities. *Occasional*

COM-BSBS

ZOO 4701 - Dissection Techniques

Credit Hours: 3

Class Hours: 1

Lab and Field Work Hours: 4

Contact Hours: 5

Prerequisite(s): ZOO 3733C (Human Anatomy)

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. *Spring* M&S fee \$70.00

College of Medicine Burnett School of Biomedical Sciences

ZOO 4735 - Anatomy of the Head and Neck

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): PR: BSC 2010C

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. *Occasional*

ZOO 4742 - Advanced Neurobiology

Credit Hours: 3

Class Hours: 3

Lab and Field Work Hours: 0

Contact Hours: 3

Prerequisite(s): ZOO 3744.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Advanced topics in movement, vision, motivation, sex and brain, emotions, biological rhythms, sleep,

language, attention, mental illness, development, learning, memory, degeneration, regeneration. *Spring*

COM-BSBS

ZOO 4743C - Clinical Neuroanatomy and Neuroscience

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ZOO 3733C with a B (3.0) or better. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Fall*

COM-BSBS

ZOO 4743C - Honors Clinical Neuroanatomy

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 2

Contact Hours: 5

Prerequisite(s): ZOO 3733C and ZOO 3733C Honors consent. Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

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. *Occasional*

COM-BSBS

ZOO 4747C - Clinical Neuroscience

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ZOO 3744 or ZOO 4743C. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

Clinically oriented teachings in major neuroscience areas including selected topics in neuropathology, neurooncology, neuroimmunology, neuropharmacology, and neurodiagnostics. *Spring*

COM-BSBS

ZOO 4747C - Honors Clinical Neuroscience

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): ZOO 3744 or ZOO 4743C and ZOO 4743C - Honors Clinical Neuroanatomy.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

Clinically oriented teachings of neuroscience areas including selected topics in neuropathology, neuro-oncology, neuroimmunology, neuropharmacology and neurodiagnostics with Honors content. *Spring*

COM-BSBS

ZOO 4753C - Human Histology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 3

Prerequisite(s): ZOO 3733C

Vertebrate Histology covers the vast intricacies of the four basic human tissues: epithelium, connective, muscle, and nervous. It brings the opportunity for students to study the normal tissue structure/ultrastructure by observing and assessing the microanatomy of certain mammalian major organs, but mostly human tissues. *Occasional* M&S fee \$70.00

College of Medicine Burnett School of Biomedical Sciences

ZOO 4756C - Comparative Vertebrate Histology

Credit Hours: 4

Class Hours: 3

Lab and Field Work Hours: 1

Contact Hours: 4

Prerequisite(s): A minimum grade of "C" (2.0) in ZOO 3713 or similar course. Corequisite(s): None.

Prerequisite(s) or Corequisite(s): None.

A comparison of vertebrate anatomy at the tissue level and its evolutionary and phylogenetic significance. *Fall*

Department of Biology

ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment

Credit Hours: 3

Class Hours: 0

Lab and Field Work Hours: 3

Contact Hours: 3

Prerequisite(s): A minimum grade of a "B" (3.0) in ZOO 4513.

Corequisite(s): None. Prerequisite(s) or Corequisite(s): None.

An advanced course where students will be observing, documenting, and analyzing animal behavior in a zoological setting. *Fall, Spring*

COS-BIOL

University 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)

Amezcuá 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)

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)

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Administrative Officers and Staff

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BINETTE, CHAD, Assistant Vice President, News and Information (2003), B.A., M.P.A. (University of Central Florida)

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BONNE, JACOB, Director, Office of Student Success (2012), B.A., M.Ed. (University of West Florida)

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DANIELS, SHELIA, Executive Director of Human Resources (2015), B.A., M.P.A. (Florida Atlantic University)

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DELLERT, CHRISTINE, Assistant Vice President, Strategic Communications and Marketing (2015), B.A., M.A. (University of Central Florida)

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DONEGAN, HELEN, Vice President for Community Relations (1995), B.A. (San Jose State University)

DOOLEY, ELIZABETH A., Provost, Vice President, Academic Affairs, and Professor of Child, Family, and Community Services (2015) B.A., M.A.,

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DULLAGHAN, PATRICIA, Director, Student Legal Services (1996), B.A., J.D. (Nova Southeastern University)

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EHASZ, MARIBETH, Vice President for Student Development and Enrollment Services (1994), B.S., M.A., Ph.D. (University of Toledo)

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FALCO, RICHARD A., Director, Student Union (2001), B.S., M.A. (University of Central Florida)

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GUMBLE, MARK, Assistant Vice President, Learning Support Services, Student Development

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WHITE, DANIEL, Vice President and Director of Athletics (2015), B.S., M.S., Ph.D. (University of Mississippi)

WILKENING, JAMES, Executive Director of Recreation and Wellness (1992), B.S.B.A., M.A.T. (University of Louisville)

WOODS, S. PAIGE, Director, First Year Experience (2014), B.S., M.S. (University of Tennessee)

WRIGHT, JENNIFER, Director, Integrity and Ethical Development (2002), A.A.S., B.S.B.A, M.A. (Appalachian State University)

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
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	Wolfgang-Detlef Petri, Doctor of Commercial Science
May 1989	Frank M. Hubbard, Doctor of Public Service
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	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
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August 1998	Trevor Colbourn, Doctor of Humane Letters
December 1998	Linda W. Chapin, Doctor of Public Service
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May 2000	Lotfi Zadeh, Doctor of Science
May 2001	James Bacchus, Doctor of Public Services
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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

Glossary

A.A.: associate in 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 (<https://my.ucf.edu>) by adding courses. Students should check the appropriate term's Web Enrollment Guide for details.

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 <https://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 Bachelors

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 <http://www.catalog.sdes.ucf.edu>.

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 Human 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 <https://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.

Community Innovation and Education: College of Community Innovation and Education (CCIE)

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 or Semester Hour: every course taught is designated a total number of credit hours. The number of credit hours for a class reflects approximately the total hours a student spends per week in class. Most lecture courses are three credit hours and meet three hours each week. Students should expect to spend at least two hours of study time outside of class for every hour spent in class. One semester hour equals 1.5 quarter hour.

CREOL: College of Optics and Photonics.

Degree Audit: a computerized degree audit lists courses completed toward major and degree requirements.

Diploma: official certificate displaying earned degree, major and baccalaureate honors.

Directory Information: information items that the Family Educational Rights and Privacy Act of 1974, as Amended (FERPA) authorizes the University to release without the student's prior consent, unless the student has filed a "Directory Disclosure/Release Authorization Form" with the Registrar's Office. Directory information at UCF includes the

student's name, current mailing address, telephone number, date of birth, enrollment status, dates of attendance, major field of study, degree and awards received, participation in officially recognized activities and sports, and 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.

Distance and Distributed Learning: learning online through the UCF Virtual Campus, which provides opportunities for students to enroll in credit courses and select degree programs through a variety of interactive distributed technologies.

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 <https://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 <https://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 <https://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.

FYAE: First Year Advising and Exploration.

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, 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).

Human Professions: College of Human Professions and Sciences (CHPS).

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.

Hospitality Management: Rosen College of Hospitality Management (RCHM).

Human Professions and Sciences: College of Human Professions and Sciences (CHPS).

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.

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 nondegree student.

Medicine: College of Medicine (COM).

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 <https://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/mailling 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.

Nursing: College of Nursing.

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: reapply to the Registrar's Office after an absence of two or more terms.

Registration: the act of enrolling in classes. This may be done through myUCF at <https://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.)

Sciences: College of Sciences (COS).

Second Bachelors 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

Student Success Center: advising offices and other academic support services for first-year students located on the first two floors of Howard Phillips Hall.

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 regionally-accredited institution, or a student from another regionally-accredited institution enrolled in courses at UCF.

UCF Regional 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, 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 (<https://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.