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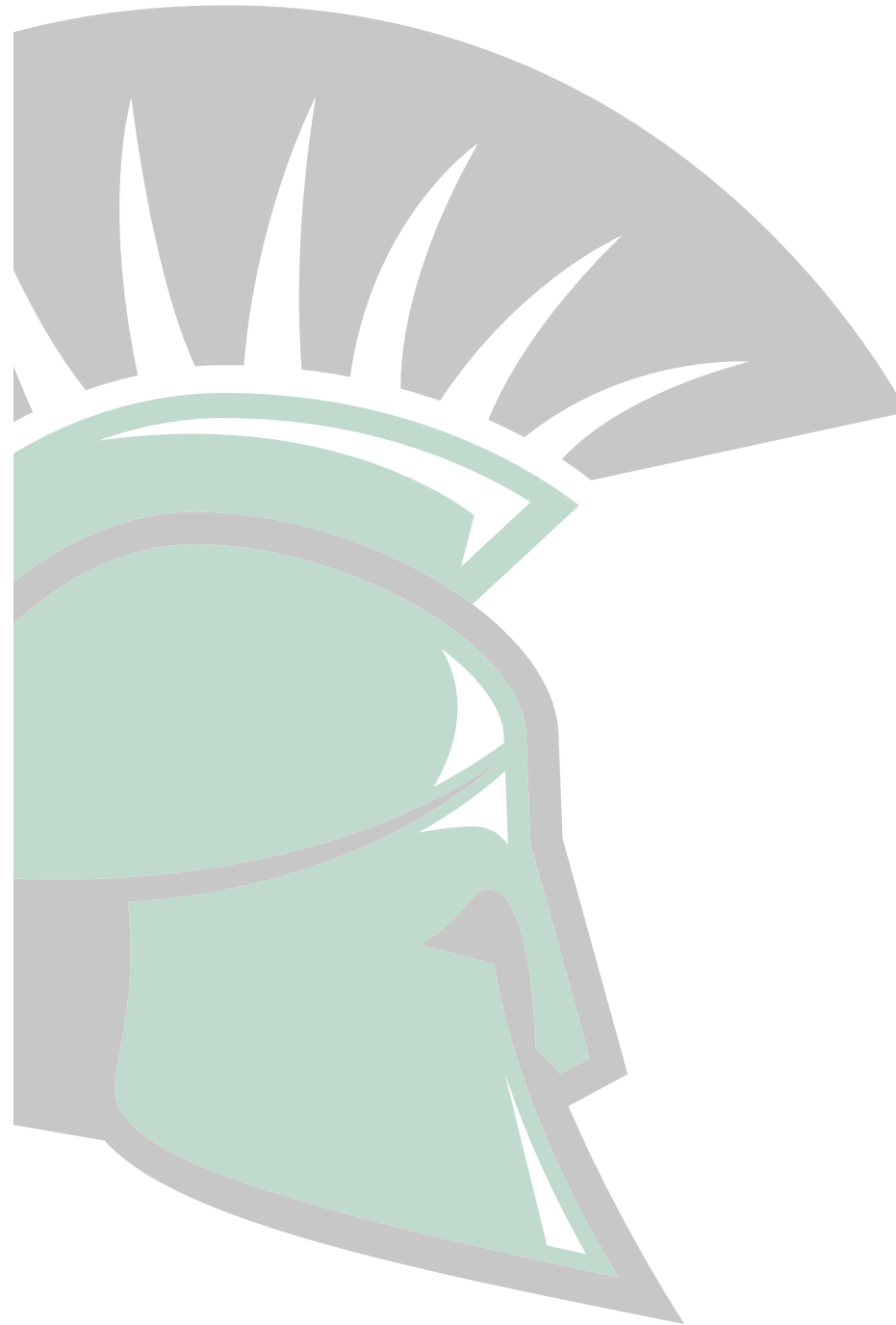
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# UPSTATE

University of South Carolina



## 2020-2021 Academic Catalog

# **2020-2021**

# **Academic Catalog**

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University of South Carolina Upstate

# **UPSTATE**

University of South Carolina

Mailing Address: University of South Carolina Upstate  
800 University Way  
Spartanburg, South Carolina 29303

Telephone: 864-503-5000

The University of South Carolina Upstate is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of USC Upstate.

The University reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations when in the judgment of the faculty, the chancellor, the president or the board of trustees such changes are in the best interest of the students and the University.

Registration at the University assumes the student's acceptance of all published academic regulations, including those which appear in this catalog and all others found in any official announcement.

The University of South Carolina does not discriminate in educational or employment opportunities on the basis of race, sex, gender, age, color, religion, national origin, disability, sexual orientation, genetics, veteran status, pregnancy, childbirth or related medical conditions. The University of South Carolina has designated as the ADA Title II, Section 504, and Title IX coordinator the Executive Assistant to the President for Equal Opportunity Programs. The Office of the Executive Assistant to the President for Equal Opportunity Programs is located at 1600 Hampton Street, Suite 805, Columbia, SC; telephone 803-777-3854.

I certify that this catalog is true and correct in content and policy and states progress requirements for graduation.

J. Derham Cole, Jr.  
Interim Chancellor, USC Upstate

The University of South Carolina Upstate catalog is published yearly in Spartanburg, South Carolina.

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# Academic Calendar 2020-2021

## Fall 2020

<b>Aug. 20:</b>	Classes begin
<b>Sept. 7:</b>	Labor Day (no classes)
<b>Oct. 15-16:</b>	Fall Break
<b>Nov. 3:</b>	Election Day (no classes)
<b>Nov. 25-Nov. 29:</b>	Thanksgiving Break
<b>Dec. 4:</b>	Classes end
<b>Dec. 7-11:</b>	Final exams
<b>Dec. 12*:</b>	Convocation

## Spring 2021

<b>Jan. 11:</b>	Classes begin
<b>Jan. 18:</b>	MLK holiday (no classes)
<b>March 7-14:</b>	Spring Break
<b>April 26:</b>	Classes end
<b>April 28-May 5:</b>	Final Exams
<b>May 4*:</b>	Graduation

## Summer 2021

### Summer A

<b>May 11:</b>	Classes begin
<b>May 27:</b>	Last day of classes
<b>June 2:</b>	Final exams
<b>June 5:</b>	Grades due at 9:00 a.m.

### Summer C

<b>July 6:</b>	Classes begin
<b>Aug. 4:</b>	Last day of classes
<b>Aug. 5:</b>	Final exams
<b>Aug. 10:</b>	Grades due at 9:00 a.m.

### Summer B

<b>June 1:</b>	Classes begin
<b>June 30:</b>	Last day of classes
<b>July 5:</b>	Holiday (no classes)
<b>July 6:</b>	Final exams
<b>July 9:</b>	Grades due at 9:00 a.m.

# Welcome to UPSTATE



Welcome to the University of South Carolina Upstate. There is no more exciting time to be a student at this institution than at this moment. USC Upstate is among the fastest-growing, baccalaureate-granting institutions in the nation. We continue to build a strong reputation as a major regional partner in fulfilling critical workforce needs while contributing to the social, cultural, and economic development of the Upstate.

USC Upstate offers acclaimed academic programs that enable you, our students, to build bridges to your futures—involving hands-on training that comes from internships, field service and study abroad experiences, to name just a few. Our university community encourages you to grow intellectually, socially and emotionally, as you develop critical and creative capacities that prepare you for work, life and citizenship.

We serve as the academic home to more than 6,200 students from 34 states and 36 nations. We provide students the option of attending classes on our 340-acre residential campus in Spartanburg, the George Dean Johnson, Jr. College of Business and Economics in downtown Spartanburg, or the University Center Greenville. We offer more than 40 undergraduate and graduate programs in the liberal arts and sciences, business administration, nursing, and education. This Academic Catalog presents important information about all academic policies and degree requirements and will serve as your road map as a student at USC Upstate. As you read through the Academic Catalog and find that you have questions, please call our Admissions Office at (864) 503-5246. I welcome you to USC Upstate where you will experience the great spirit that engages students and transforms lives. Go Spartans!

J. Derham Cole, Jr.  
Interim Chancellor, USC Upstate

The University of South Carolina Upstate—a separately-accredited, public comprehensive university within the USC System—is a major regional partner committed to the unique possibilities that accompany regionalism. True to its mission, USC Upstate is developing the next generation of globally competitive workers in Upstate South Carolina by providing an accessible, rigorous, career-relevant education that meets the needs of both students and industry. The university is a major engine of social, economic, and talent development, with an annual economic impact of more than half a billion dollars.

USC Upstate is located in Spartanburg, in the foothills of the Blue Ridge Mountains, between Atlanta, GA and Charlotte, NC. Among the fastest growing, baccalaureate-granting institutions in the nation, USC Upstate is recognized by U.S. News & World Report as #1 among Southern Regional Public Colleges. As a member of the Big South Conference, USC Upstate Spartans compete in 15 NCAA Division I sports.

Home to more than 6,200 students, USC Upstate offers more than 45 undergraduate and graduate programs within five distinctive colleges and schools. The Mary Black School of Nursing features a state-of-the-art simulation lab that represents the largest solely dedicated to nursing in the state. The George Dean Johnson, Jr. College of Business and Economics is among just 15 percent of business schools worldwide to be accredited by AACSB International, and the School of Education, Human Performance, and Health employs an interdisciplinary approach that underscores the importance of developing educators who understand the intersections of education and community health. The School is accredited by CAEP, the Council for the Accreditation of Educator Preparation.

In 2018, USC Upstate created two new colleges from the College of Arts and Sciences. The College of Science and Technology aims to meet the talent needs of enterprises focused on Science, Technology, Engineering and Math (STEM), including in-demand careers in life sciences, advanced manufacturing, and advanced materials. The College of Arts, Humanities, and Social Sciences, centers on creativity and innovation, builds upon a strong foundation and dedicates itself to promoting the significance of the liberal and fine arts as well as the social and behavioral sciences, disciplines that have never been more vital than in today's complex world.

USC Upstate is uniquely positioned to create transformative opportunities through higher education to better serve the needs of the region, fulfilling critical workforce needs while contributing to the social, cultural and economic development of the Upstate of South Carolina. More than 30,000 students have earned their degrees from USC Upstate, and nearly 85 percent of those alumni choose to remain in the Upstate to build their lives and careers.

### **MISSION STATEMENT**

University of South Carolina Upstate aims to become one of the Southeast's leading "metropolitan" universities . . . a university that acknowledges as its fundamental reason for being its relationship to expanding populations along the I-85 corridor. It aims to be recognized nationally among its peer metropolitan institutions for its excellence in education and commitment to its students, for its involvement in the Upstate, and for the clarity and integrity of its metropolitan mission.

As a senior public institution of the University of South Carolina with a comprehensive residential campus in Spartanburg and commuting and

degree completion operations at the University Center Greenville, the University's primary responsibilities are to offer baccalaureate education to the citizens of the Upstate of South Carolina and to offer selected master's degrees in response to regional demand.

USC Upstate strives to prepare its students to participate as responsible citizens in a diverse, global and knowledge-based society, to pursue excellence in their chosen careers and to continue learning throughout life. Curricula and services are designed for the University's students, four to seven thousand in headcount, who are diverse in background, age, race, ethnicity, educational experience and academic goals. Students are drawn in large proportion from the Upstate where many choose to remain for their careers. A broad range of major curricula are provided in arts and sciences and in professional fields of study required by the regional economy, including business, education and nursing. Through on-site instruction, distance learning, continuing education and inter-institutional articulation agreements, both traditional students and working professionals are served across the region.

Consistent with the international character of the Upstate, the University promotes global perspectives across its programs. Supporting the regional employment objectives of most of its students, it provides extensive experiential learning opportunities.

The University's metropolitan mission rests upon a foundation of partnerships with the education, corporate and service organizations of the Upstate. The faculty provides leadership in promoting the Upstate's economic, social and cultural development. This is achieved through its teaching, professional and public service, basic and applied scholarship and research, and creative endeavors.

### **VISION STATEMENT**

USC Upstate will emerge as "the metropolitan university of South Carolina" and one of the leading metropolitan universities of the Southeast, recognized as a center of superb teaching, experiential learning, regional partnerships, international opportunity, cultural diversity, and dynamic community activity.

### **HISTORY**

The history of the University of South Carolina Upstate is a chronicle of remarkable development. In 1967, the university was founded in response to efforts undertaken by G.B. Hodge, M.D., together with fellow members of the Spartanburg County Commission for Higher Education, and a remarkably strong founding faculty primarily to avert a serious health care labor shortage crisis when Spartanburg General Hospital closed its diploma program for registered nurses. A citizen's committee investigated the situation and ultimately requested that Spartanburg be included in the University of South Carolina system.

The Spartanburg Regional Campus, as it was first known, opened its doors in the fall of 1967 to 177 students on the first floor of the Spartanburg General Hospital nursing residence. Enrollment continued to increase, which resulted in the school becoming a four-year university in 1975 and being renamed the University of South Carolina Spartanburg.

Since its founding, USC Upstate has grown from a small, two-year campus into one of the leading metropolitan universities in the Southeast. This growth has been a direct response to the needs of the Upstate — a tradition that began with the University's creation. The University has expanded well beyond

nursing to include over 40 bachelor's programs in the liberal arts, sciences, business administration, nursing, informatics, and teacher education, as well as master's degrees. The University moved to the graduate level, with master's degree programs in elementary education and early childhood education in 1994, informatics in 2013 and nursing in 2014. The University's numerous partnerships with public and private corporations and other educational institutions, coupled with the mission to offer baccalaureate education to the citizens of the Upstate of South Carolina, led to a name change. On June 30, 2004, with USC Board of Trustees approval, USCS changed its name to the University of South Carolina Upstate.

### ACCREDITATION

The University of South Carolina Upstate is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACSCOC) (1866 Southern Lane, Decatur, GA 30033-4097; Telephone 404-679-4501) to award baccalaureate and master's degrees.

Business programs are accredited by AACSB International—The Association to Advance Collegiate Schools of Business (600 Emerson Road, Suite 300, St. Louis, MO 63141-6762; Telephone 314-872-8481).

Nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE) (655 K Street NW, Suite 750, Washington, DC 20001; Telephone 202-463-6930).

Undergraduate education programs are accredited by the Council for the Accreditation of Educator Preparation (CAEP) (1140 19th Street NW, Suite 400, Washington DC 20036; Telephone 202-223-0077).

The Art and Graphic Design program is accredited by the National Association of Schools of Art and Design (NASAD) (11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248; Telephone 703-437-0700).

The Bachelor of Science in Computer Science program is accredited by the Accreditation Board for Engineering and Technology Inc. (ABET) (415 North Charles Street, Baltimore, MD 21201; Telephone 410-347-7700).

The Engineering Management Technology program is accredited by the Accreditation Board for Engineering and Technology Inc. (ABET) (415 North Charles Street, Baltimore, MD 21201; Telephone 410-347-7700).

The Health Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) (233 N. Michigan Ave., 21st Floor, Chicago, IL 60601-5800; Telephone 312-233-1100).

### PUBLIC SERVICE

In addition to academic excellence, USC Upstate is dedicated to public service activities. Among the University's initiatives in this area:

**The Scholars Academy** is a joint venture between USC Upstate and the seven Spartanburg County school districts to provide advanced learners with a quality education in a supportive learning environment. Established in 2007, its mission is to attract and graduate students with a life-long passion for learning and compassion for others, and enable them to translate academic study and personal concern into effective leadership and action

in their communities and the world.

Ninth and tenth grade students are taught and supervised primarily by a cadre of selected Spartanburg county school teachers. In addition, students take some college coursework. Eleventh and twelfth graders enroll in a combination of mostly Advanced Placement and college courses. Students graduate with a high school diploma and as much as two years of college course credits.

There is no charge for students to attend the Academy as the project is funded through the Voluntary Public School Choice Grant program. For additional information, interested parents and students may call 864-503-5506.

USC Upstate administers **ACHIEVE**, a youth GED and employment program, in Cherokee, Spartanburg and Union counties. The program provides employability training and job placement, instruction and career activities for high school dropouts.

Thousands of public school students have participated in programs such as the Piedmont Regional Science Fair, an annual writing and art competition and History Day.

Each year the University offers a wide range of art exhibits, special lectures, music concerts, plays and other special events for students and the community. Admission to these events is either free or at a nominal charge.

### CENTER FOR INTERNATIONAL STUDIES

The Center for International Studies (CIS) establishes and manages university partnerships worldwide to provide global engagement programs and support services that enrich the academic and professional development of students, faculty, and staff. Global engagement programs include study abroad for academic credits (short-term, semester, year abroad, and dual degree programs), international internships, service learning, research, volunteer, and teach broad. We guide and support students through every step in the process of identifying a suitable international engagement, application, preparation for going abroad, support while abroad, and re-entry programs. CIS also offers support to faculty and staff with planning and implementing short-term international engagement and study abroad programs. We promote and support students and faculty to apply for grants and fellowships that are designed to provide both partial and full funding for international engagement. CIS manages and supports the exchange program for students and faculty.

The Center for International Studies is also "home away from home" for international students and scholars. Our Office provides advising and support services regarding visa, immigration regulations, and benefits related to F-1 and J-1 nonimmigrant visa categories. We assist new students and scholars with pre-arrival preparations, finding suitable housing, transportation from GSP airport, orientation, and a variety of programs and events throughout the year. Our programs are designed to facilitate transition into the USC Upstate community, cultural immersion and exchange. CIS offers guidance and support to international students and hiring managers regarding on campus employment. In addition, CIS provides guidance to international students who are interested in applying, and are eligible, for off campus employment through the Curricular Practical Training (CPT) and Optional Practical Training (OPT). We offer assistance to international students and scholars who are interested in applying for a South Carolina driver's license,



social security card, and employment authorization.

## STUDENT SUCCESS CENTER

The Student Success Center houses academic support, advising services, career services, and TRIO Student Support Services. As a department, the Center provides a wealth of services designed to facilitate the success of every USC Upstate student from the first day of class until graduation.

### Academic Support

The principal mission of our Academic Support office is to work with the USC Upstate community to promote student persistence by offering skilled advisement, tutoring, retention-related instruction, and other activities that clarify students' academic goals and enhance their ties to USC Upstate. Academic support offers an array of services to assist students in their daily academic demands, such as free tutorial services, study skills and time management assistance, facilitation of study groups and Supplemental Instruction for difficult courses, one-on-one consultations with students, referrals to other USC Upstate services, and much more. Academic support also works closely with faculty and staff through its University 101 program for freshmen, the Early Intervention Program, and with classroom presentations and workshops as requested.

### Advising Services

A team of professional advisors who serve first year students, student athletes, and undeclared students with an emphasis on mentorship and academic success. The advisors also provide services to students who are on academic probation as well as outreach and assistance to students who are questioning their choice of major.

### TRIO Student Support Services

TRIO SSS is a student support services program at USC Upstate made possible through a federal grant from the U.S. Department of Education. Earning an undergraduate degree can be extremely challenging, and TRIO SSS offers support to students as they transition from high school to college and beyond. The program provides a wide variety of services, programs and support to assist college students as they strive to achieve their educational goals. Some of the specific services available are academic advising, tutoring and mentoring, study skills workshops, cultural events, financial aid assistance and graduate school advising. First generation college students, low-income and/or students with a learning or physical disability may qualify for the program. Students who think they may be eligible to participate should visit [www.uscupstate.edu/academics/student-success-center](http://www.uscupstate.edu/academics/student-success-center) for more information.

### Career Management

The Office of Career Management seeks to make sure that every USC Upstate student has the tools, resources, information, and most importantly, a partner to navigate the college-to-career transition. Committed to empowering students at all stages of their education, Career Management provides a variety of services including one-on-one career counseling, resume and cover letter reviews, information workshops and recruitment events, graduate school preparation, mock interviewing, and a Career Closet that provides students with free professional attire. Additionally, this office assists alumni in their development of lifelong career management skills and strives to build mutually beneficial relationships with employers throughout the region. Students, alumni, and employers can take advantage of the university's on-line recruiting system, Handshake, for job postings, information sessions, and recruitment events.

## THE OFFICE OF SPONSORED AWARDS AND RESEARCH SUPPORT

The Office of Sponsored Awards and Research Support (SARS) provides programs and incentives to enhance the educational and professional development of USC Upstate students by supporting undergraduate research, scholarly, and creative activities. The SARS office provides, on a competitive basis, logistic and monetary support for the pursuit of student projects performed under the guidance of USC Upstate faculty, staff and/or community professionals from throughout the Upstate region. The office also publishes a student research journal, hosts an annual research symposium, and assists students in traveling to professional meetings to present their work/findings. Opportunities provided by SARS contribute to students' overall academic experience and better prepare students for their professional careers.

## VETERANS AFFAIRS

Students eligible to receive veterans' educational benefits should contact the veterans' coordinator located in the records office. Students receiving veterans' benefits are required to report any changes in curriculum, including courses dropped or added, absences and withdrawal. Failure to report such changes results in termination of benefits.

## STUDENT SERVICES

### Bookstore

The USC Upstate Bookstore, located on the main level of the Health Education Complex, carries textbooks, supplementary materials and supplies, clothing, items featuring the university name and logo, software, computers, and much more. The bookstore maintains a Web page at [www.upstatebookstore.com](http://www.upstatebookstore.com) that provides e-commerce and news on events and specials.

### Identification Cards

USC Upstate provides identification cards for all students. Each student will be provided the first ID card at no cost but each additional card will cost \$10. Cards are automatically activated each semester when fees are paid. During a student's tenure at USC Upstate, the initial card is a valid one. ID cards are required to check out books in the library as well as for entry at certain events.

### Dining Services

Food services management operations are contracted through Sodexo Campus Services. The Office of Dining Services administrative office is located on the first floor of the Sansbury Campus Life Center, adjacent to the cafeteria. Residential students are required to purchase a meal plan for anytime access and all-you-can-eat meals in the cafeteria, with equivalencies at any of our other venues. For non-resident students, a variety of food choices are available and may be purchased with cash, a declining-balance plan, or with one of our other cost-saving commuter meal plans. A minimum \$55 meal plan is required for all non-residential students. A valid University ID is required for all meal plans or declining-balance purchases. In addition to the cafeteria, other venues include Sushi With Gusto, Simply to Go and Boar's Head Deli, located in the Health Education Complex, Perk UP! located in the library and, Hissho Sushi and World of Wings located on the ground level of the Horace C. Smith Science Building.

A full-range of catering services is available for campus events, including those sponsored by the community. The Office of Dining Services offers employment opportunities for students, with flexible hours, free meals and good pay.

## Intercollegiate Athletics

USC Upstate has a broad-based intercollegiate athletic program for men and women. USC Upstate teams compete in NCAA Division I Big South Conference. The University fields 15 varsity teams — basketball, soccer, track and field, golf, and cross country for men and women; baseball for men; and softball, volleyball, cheerleading and dance for women.

## THE MAIN CAMPUS

Located conveniently along the thriving economic I-85 corridor between Atlanta and Charlotte, USC Upstate is set in the picturesque foothills of the Blue Ridge Mountains. The 330-acre campus features modern facilities, sports venues, residential housing and green space.

**John C. Stockwell Administration Building.** The John C. Stockwell Administration Building was the first building built on campus and it opened in 1969. Positioned on top of the building is a shiny, gold-leaf dome that gleams in the sun and can be seen from afar.

The building houses the Chancellor's Office, Academic Affairs, University Advancement Institutional Effectiveness and Compliance, and Research and Planning on the main floor. On the third floor are Human Resources, Business Services, Budget and Resource Planning, Purchasing Department. On the third floor are Human Resources, Business Services, Budget and Resource Planning, Purchasing Department, Professional Development, Sponsored Awards and Research Support, and Special Events. Information Technology and Services, and Institutional Equity and Inclusion are located on the bottom floor.

The rear of the Administration Building features the Rose Terrace, an area overlooking the quadrangle where spring commencement is held each year.

**G.B. Hodge Center.** The G.B. Hodge Center is named for one of the University's founder Dr. G.B. Hodge. The Center was completed in 1973 and underwent renovations in 2000.

The Athletics Department is housed on the bottom floor and was renovated in 2010 and features all new seating, a new floor and a state-of-the-art Daktronics video scoreboard system and LED ProTables. Along with the renovations, the volleyball and basketball locker rooms are brand new with the addition of a new weight room, the Spartan Performance Center, and a state-of-the-art video control room.

The Hodge Center was nationally recognized in a study by Stadium Journey Magazine, as the publication ranked the arena the 15th-best Division I college basketball arena for game atmosphere and experience.

**Media Building.** The 44,000-square-foot Media Center building opened in 1978. It houses the Department of History, Political Science, Philosophy, and American Studies; the Department of Informatics and Engineering Systems; and the Department of Sociology, Criminal Justice and Women's and Gender Studies, the Center for Academic Innovation and Faculty Support, and the studios of WRET-TV, an affiliate of the South Carolina Educational Television Network, is also located here.

**Burroughs Building.** The Burroughs Building was built in 1976 and is named for William J. Burroughs, a founding member of the Spartanburg County Commission for Higher Education. It houses the Center for International

Studies, the Honors Program and the Chinese Cultural and Education Center.

**Arts and Science Building.** Opened in 1982, the 26,066-square-foot Arts and Sciences Building houses the administrative offices for the College of Arts, Humanities, and Social Sciences, the College of Science and Technology, in addition to the Center for Interdisciplinary Studies, Department of Psychology, and the Center for Child Advocacy Studies.

This building originally housed the Mary Black School of Nursing, named for the late Mrs. Mary Louisa Snoddy Black, wife of Dr. Hugh Ratchford Black, who was a pioneer, innovator and leader in the field of medicine.

**P. Kathryn Hicks Visual Arts Center.** Renovated in 2003, the P. Kathryn Hicks Visual Arts Center is named for Katie Hicks, professor emerita and a generous benefactor to the university, taught art at USC Upstate for more than 30 years.

The renovation of this building, nestled in the Susan Jacobs Arboretum, provides ample studio space for drawing, painting, graphic design, printmaking, digital imaging and three-dimensional design.

**Humanities and Performing Arts Center.** The Humanities and Performing Arts Center opened in 1990 this building features a 450-seat theater with a hydraulic pit lift, superb acoustics, the latest technology in theatre lighting, and a fully-rigged fly loft.

HPAC houses the Department of Fine Arts and Communication Studies (communications, theatre), Department of Languages, Literature & Composition, classrooms, a music recital hall, private practice rooms, art studios, the Curtis R. Harley Art gallery, and labs for digital design, writing, foreign language, and journalism.

**Horace C. Smith Science Building.** The Horace C. Smith Science Building opened in 1984 and underwent renovations in 2010 to increase and improve laboratory spaces. The building houses the Division of Natural Sciences and Engineering. The first floor features the Watershed Ecology Center, whose mission includes science education and programs involving citizen scientists. The second floor houses the division office, classrooms, biology laboratories, geology laboratory, physics laboratory, and a 400 MHz NMR laboratory. The third floor houses classrooms, biology laboratories, faculty offices, and the USC Upstate Herbarium, which houses more than 16,000 labeled and mounted specimens of plants native to the Upstate. Chemistry facilities, including teaching and research laboratories, occupy the fourth floor and there is also a large computer lab available for student use. The ground floor of Smith Building features a food court offering a variety of menu items and outdoor seating.

**Library.** Constructed 1976, The Library originally opened with holdings totaling about 9,607. Today's facility, also designed for classrooms and office space, holds more than 220,000 volumes and boasts a fast-growing collection of important archives.

The Scholars Academy is housed on the second floor, along with the Student Success Center, and Career Center. On the lower level, with a separate entrance, is the Tukey Theater, a 140-seat lecture hall named for the late Richard E. Tukey, one of the community leaders instrumental in the establishment of USC Upstate.

**Health Education Complex.** The Health Education Complex is the first major academic building to be built in the northern segment of the campus. It is situated on top of a hill with panoramic views of the beautiful Susan Jacobs Arboretum and of the main campus. The Complex houses the Mary Black School of Nursing and the School of Education, Human Performance, and Health, the Enrollment Management Offices, the Bookstore, and the Spartan Recreation Center. The Spartan Recreation Center has an indoor track, basketball courts, racquet ball courts, a work-out room, a class studio, a swimming pool and locker rooms for both men and women.

**John M. Rampey Center.** Opened in 1992, the John M. Rampey Center's 6,200-square-foot facility houses Counseling and the Health Services satellite office.

**Palmetto House.** The \$15 million, 105,000-square-foot Palmetto House Building opened in January 2004 provides housing for 346 upperclassmen.

Palmetto House offers suite-style housing with the most modern, gleaming amenities you can imagine. Each suite has a full bathroom, a communal living area with furniture, and a micro fridge (microwave and refrigerator combination). Each resident is also provided with a bed, a desk, two chests of drawers, and an armoire.

Palmetto House also offers all of the standard amenities, including basic electricity, water service and garbage collection. In addition, students receive cable hook-up, wireless Internet access, and stain and scratch resistant furniture.

Special features of Palmetto House include private study areas for in-house tutoring, free laundry facilities (including Laundry View, which allows a resident to determine the status of his/her laundry from their computer, and Laundry Text, which allows residents to receive a text message when their laundry is done), well-illuminated and gated parking lots, parking lot security cameras, emergency phones, and green space.

This co-educational facility features open areas, three recreation rooms, controlled access, full sprinkler system, computer lab, and adjacent parking.

**Magnolia House.** Magnolia House is a 105,000-square-foot traditional-style complex that can house up to 352 students in its 87 suites, including single or double rooms and handicap-accessible units. TRIO Student Support Services is in the ground floor of the Magnolia House.

The Magnolia House offers suite-style housing with the most modern, gleaming amenities you can imagine. Each suite has a full bathroom, a communal living area with furniture, and a micro fridge (microwave and refrigerator combination). Each resident is also provided with a bed, a desk, two chests of drawers, and an armoire.

Magnolia House also offers all of the standard amenities, including basic electricity, local phone services, water service, and garbage collection. In addition, students receive cable hook-up, wireless Internet access, and stain and scratch resistant furniture.

Special features of Magnolia House include eight study rooms for in-house tutoring, free laundry facilities (including Laundry View, which allows a resident to determine the status of his/her laundry from their computer,

and Laundry Text, which allows residents to receive a text message when their laundry is done), well-illuminated and gated parking lots, parking lot security cameras, emergency phones, and green space.

Magnolia House offers the latest housing safety features available, such as controlled access, full sprinkler system, four levels of electronic locks to access bedrooms, and 32 monitored digital cameras inside and outside. It opened in fall 2009.

**Palmetto Villas.** The Villas offer more traditional-style apartments for upperclassmen. Each apartment has two bedrooms, two bathrooms, expanded cable outlets in each bedroom and living room, a full kitchen (full-size refrigerator, stove and microwave), sofa, loveseat, wi-fi and all utilities. The Villas also serve as living space for summer housing. The University obtained ownership of the Villas, a 12-building apartment complex in 1997.

**University Readiness Center.** Completed in 2003, the University Readiness Center is the result of a one-of-a-kind partnership between USC Upstate and the S.C. National Guard, which houses its high-end signal corps unit here while providing the University with additional classrooms, special events locations and support facilities for the Louis P. Howell Athletic Complex. The Exercise and Sports Science program, including a state of the art exercise science lab, is also located in the University Readiness Center.

**Louis P. Howell Athletic Complex.** The Louis P. Howell Athletic Complex includes the County University Soccer Stadium, Spartanburg County Youth Soccer Fields, Cleveland S. Harley Baseball Park, The Cyrill Softball Stadium, the Tennis Complex and the proposed site of a track and field facility. The Howell Complex attracts a greater number of students and the public to athletic events.

**Cyrill Stadium.** The Cyrill Stadium, named for University supporter Frank Cyrill, opened in 2002. The stadium features a playing field, dugouts, stadium seating and a press box. It has received numerous awards since its completion, the most recent being the 2015 College Softball Field of the Year by the Sports Turf Managers Association.

**Harley Baseball Park.** The Cleveland S. Harley Baseball Park opened for its first doubleheader on February 1, 2004 and features a playing field, dugouts, practice area, stadium seating, lights and a press box. The facility is named for one of the University's founders who was a successful businessman and a strong supporter of education.

**Soccer Stadium.** The County University Soccer Stadium complex was officially completed with the opening of the University Readiness Center in May 2003. The building houses five locker rooms, a concession stand, hospitality suites, and public restrooms for the use of the men's and women's soccer programs. The Soccer Stadium has been the site of NCAA Tournament games in 2002 and 2003. In addition, the facility, along with the youth soccer fields, has hosted national and regional ODP camps as well as the Canadian Women's National Team. The facility earned the 2006 Sports Turf Managers College Soccer Field of the Year in South Carolina.

**Tennis Complex.** The Tennis Complex is a lighted, 12-court facility that was completed in 2005. The tennis clubhouse offers locker rooms for the men's and women's teams, the tennis office, and restroom facilities.

**Intramural Field.** The Intramural Field accommodates intramural sports, club sports, open recreation, and various special event activities.

**Outdoor Recreational Facilities.** A 1.3-mile passage of the Palmetto Trail begins at the Louis P. Howell Athletic Complex and leads into a wooded forest on the banks of the Lawson's Fork Creek. Only hikers and bikers may use this section of the trail. Several other trails wind through the campus and more are currently under development. The USC Upstate Challenge Course seeks to give students the opportunity to sharpen interpersonal skills through the facilitation of various activities and groups. Other recreation sites include intramural fields adjacent to the Palmetto House, five fields used primarily for recreational soccer located on the west side of the campus, and an 18 hole disc golf course located across the street from the Rampey Center.

**Olin B. Sansbury, Jr. Campus Life Center.** The Olin B. Sansbury, Jr. Campus Life Center is the hub of student life activity.

Opened in 1995, it houses Dining Services, Student Affairs, Counseling Services, Disability Services, student organization offices, student publication offices, several meeting rooms, a computer lab and an automated teller machine. A large ballroom, overlooking the beautiful Susan Jacobs Arboretum, is often used for receptions and other events.

**Roël Garden Pavilion.** The Dr. Lawrence E. Roël Garden Pavilion is housed in the Susan Jacobs Arboretum and serves the campus as an outdoor classroom during the day with opportunities for recreational use in the evenings and on weekends.

**Susan B. Jacobs Arboretum.** The 12-acre arboretum, named for Susan B. Jacobs who is a graduate of The Mary Black School of Nursing at USC Upstate and a generous benefactor to the university, is located north of the Sansbury Campus Life Center along Persimmon Creek. It features a 300-seat amphitheater, the Roël Pavilion, lighted walkways, and foliage indigenous to the area. The Arboretum serves as the center of gravity for campus life and student activities and provides a place for relaxation, for the enjoyment and advancement of academic studies, for contemplation and reflection, and for cultural, social and entertainment events.

**Peace Park.** The beautiful six-acre Upstate Rotary International Peace Park is a place to relax, contemplate, watch, wish and pray for peace and understanding. Dedicated in April 2008, future plans for the park include boardwalks, walking paths, a conifer collection, shrub roses and ornamental grasses.

**Smith Farmhouse.** The Smith Farmhouse is the oldest structure on the USC Upstate campus. Before this land was developed for USC Upstate, it was farmland and this house was used by the owners.

Today it has been totally renovated and is used to house the athletic offices for facilities, soccer, golf, cross country, and track and field. To accommodate the five Spartanburg County Youth Soccer Fields that are next to the Farmhouse, a wrap-around deck for vending concessions, walkways and exterior restrooms were added.

**Health Services.** Health Services offers health care and education to all enrolled students, faculty and staff on an outpatient basis. A nurse practitioner is available on a full-time basis by appointment.

A variety of informational health care flyers and brochures are available. In keeping with the university's metropolitan focus, Health Services strives to provide excellent health promotion programs, which emphasize coordination and interface with resources in the surrounding communities. It is located on University Way near Valley Falls Road with a satellite office in the John M. Rampey Center.

**University Public Safety.** The USC Upstate Public Safety Department strives to provide a safe, secure, and peaceful environment for students, staff, faculty, and visitors. It is located on North Campus Boulevard near Valley Falls Road.

**Facilities Management.** The facilities management building centralizes all components of facilities management (i.e., building maintenance, grounds maintenance, custodial services, capital planning, construction management, and administrative offices) into one facility, as opposed to several facilities scattered across the campus.

The University purchased and renovated a button and compressor building to create this 17,500 square foot maintenance, grounds and custodial center. In addition to the facility, 6.7 acres, contiguous with the north campus, were included in the purchase.

**University Services Building and Postal Shipping and Receiving.** The USC Upstate Postal Services Department operates within the department of Business Services, providing a full array of postal services including daily pick-up and delivery services of the U.S., inter-campus, and interagency mail to 1,000 residential students and over 700 faculty and staff personnel. Overnight and small package shipments and deliveries are handled through the U.S. Mail, FEDEX, and UPS.

## DIRECTIONS TO SPARTANBURG CAMPUS

**From U.S. Hwy. 176/I-585 northbound** – Take the East Campus Boulevard exit. Go right at the end of the exit ramp onto East Campus Boulevard. The campus is on the left.

**From U.S. Hwy. 176/I-585 southbound** – Take the East Campus Boulevard exit. Go left at the end of the exit ramp onto East Campus Boulevard. The campus is on the left.

**From Business I-85 northbound** – Use Exit 5-B, Milliken Road. Proceed along the frontage road parallel to Business I-85 to the Milliken Bridge over Business I-85, and turn left crossing over Business I-85. At the four-way STOP at the end of the bridge, continue straight onto North Campus Boulevard into campus.

**From Business I-85 southbound** – Use Exit 6, SC 9. Proceed along the frontage road for approximately 1/2 mile being careful not to re-enter Business 85. Turn right at the Milliken Bridge and follow North Campus Boulevard to the campus.

**From I-85 in either direction** – Use Exit 72 onto U.S. 176 toward Spartanburg. Take the East Campus Boulevard exit. Go left at the end of the exit ramp onto East Campus Boulevard. The campus is on the left.

**From I-26 in either direction** – Exit onto I-85 northbound, and follow the above directions. Using I-85 instead of Business I-85 is the preferable route.

## **THE GEORGE**

**George Dean Johnson, Jr. College of Business and Economics.** The George Dean Johnson, Jr. College of Business and Economics, affectionately known as “The George,” is located in downtown Spartanburg and features a Stock Trading Lab where students make real time stock trading calls based on momentum, news and overall current-day stock market action. Smart classrooms, a large tiered classroom, meeting spaces, conference rooms, and beautiful exterior green space all provide a state-of-the-art learning environment. This is further complemented by three art galleries features rotating pieces from the Johnson Collection of Southern art, a convenient parking garage, and a free shuttle service to and from the main campus. This 60,000-square-foot facility is as impressive as the professional accomplishments of its namesake, who is regarded as an entrepreneurial legend.

**UPSTATE Gallery on Main.** The UPSTATE Gallery on Main, located in downtown Spartanburg, opened in 2015. Showcasing the permanent work of artists Andy Warhol, Jerry Uelsmann and Beatrice Riese, the Gallery offers its visitors the opportunity to see a variety of contemporary, original exhibitions in downtown Spartanburg. Visitors can also enjoy guest exhibitions and student work.

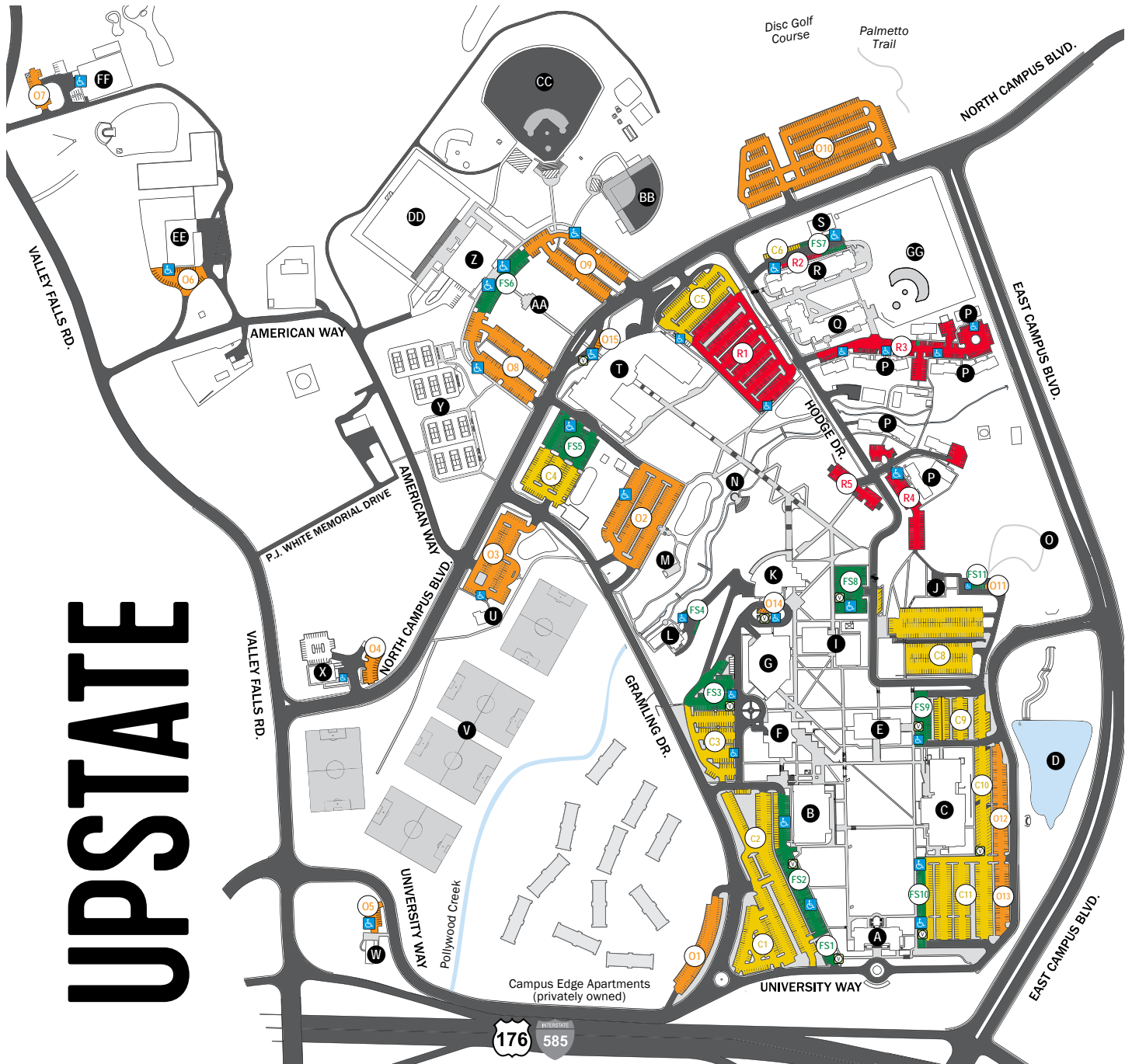
In addition to extraordinary showcases, the Gallery offers opportunities for internships and a place for scholarly research. The Gallery also serves as a venue for community workshops, seminars, meetings and receptions.

## **THE GREENVILLE CAMPUS**

The USC Upstate Greenville Campus, located at the University Center Greenville, is for commuting junior- and senior-level students who wish to complete bachelor's degrees and/or earn master's degrees. Degree programs include traditional lecture classes, evening courses, online options or hybrid formats

Students who began their educations at a state technical college or another university can transfer to the USC Upstate Greenville Campus for their junior and senior years to complete a bachelor's degree. Master's degrees are also available online.

# UPSTATE



## Campus Map Legend

faculty & staff	commuting student	residential student	overflow	visitor	handicap
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- A. John C. Stockwell Administration Building
- B. Library/Richard E. Tukey Theatre
- C. G.B. Hodge Center/Arena
- D. Upstate Rotary International Peace Park
- E. Media Center  
WRET-TV
- F. Horace C. Smith Science Building
- G. Humanities & Performing Arts Center  
Curtis R. Harley Art Gallery
- I. Arts & Sciences Building
- J. Burroughs Building  
Honors Program  
International Studies
- K. Olin B. Sansbury, Jr. Campus Life Center

- L. The P. Kathryn Hicks Visual Arts Center
- M. Dr. Lawrence E. Roël Garden Pavilion
- N. Susan Jacobs Arboretum
- O. Science Trail
- P. The Villas
- Q. Palmetto House
- R. Magnolia House
- S. John M. Rampey Center
- T. Health Education Complex  
Spartan Rec Center  
Mary Black School of Nursing  
School of Education, Human Performance,  
and Health  
Enrollment Services  
Bookstore

- U. Smith Farmhouse/Athletic Annex
- V. Soccer Fields
- W. Health Services
- X. University Public Safety
- Y. Tennis Complex
- Z. University Readiness Center/SC National Guard
- AA. Louis P. Howell Athletic Complex
- BB. Cyrill Softball Stadium
- CC. Cleveland S. Harley Baseball Park
- DD. County University Soccer Stadium
- EE. Facilities Management Complex
- FF. University Services Building  
Postal/Shipping & Receiving
- GG. Intramural Field

Updated March 2019

# USC UPSTATE GREENVILLE CAMPUS

The University of South Carolina Upstate Greenville Campus is located at the University Center Greenville, a nonprofit consortium of higher education institutions dedicated to increasing access to educational opportunities for the citizens of the Greater Greenville Metropolitan Area of South Carolina.

University Center Greenville is a state-of-the-art teaching and learning center designed to serve traditional, undergraduate students as well as adults who want to pursue bachelor or graduate-level degrees. Courses are offered in both day and evening.

If you have an associate's degree or if you're ready for junior- or senior-level courses, you can complete a bachelor's degree in the programs listed below by attending USC Upstate Greenville Campus. Courses may be offered on-site, online, or by teleconferencing. Information on each of the programs offered by USC Upstate in Greenville may be obtained by calling the Administration and Student Support Services Office at 864-552-4242. It is highly recommended for potential transfer students to meet with an advisor for a transcript evaluation and to develop a program of study.

## DEGREE PROGRAMS

### BACHELOR OF SCIENCE IN NURSING

**RN to BSN Course Sequence:** Registered nurses who have previously earned diplomas or associate degrees in nursing are admitted to the undergraduate program to meet requirements for the Bachelor of Science in Nursing degree. Students are able to complete all degree requirements on a fulltime basis in one calendar year of study. The RN to BSN is available in its entirety online and on site at USC Upstate Greenville Campus. The school awards 33 semester hours of validated nursing credit to each registered nurse for past nursing courses.

### BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY MANAGEMENT

#### *Online Program*

The Bachelor of Science in Engineering Technology Management (ETM) was designed for engineering technology associate's degree holders who wish to earn a bachelor's degree with only an additional two years of coursework. Students enroll in the program if they possess or are near completion of an associate degree in engineering technology. The program is ideal for technicians who desire the management skills necessary to be an effective interface between technicians and upper managers. It uses a comprehensive blend of management, business, economics, and communications courses to build a layer of management knowledge and skills on students' technical foundation. ETM courses include cost analysis, work analysis, systems decision making, quality practices, and project management. Industry projects integrated with traditional coursework enable students to apply theory in realistic management situations. The ETM degree will open doors for advancement and give students the ability and confidence to step through those doors. Visit [www.uscupstate.edu/etm](http://www.uscupstate.edu/etm) for more information.

### BACHELOR OF ARTS OR BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES (IDS)

#### *Online Program*

Interdisciplinary Studies provides students the opportunity to develop, in consultation with an advisor, a multi-disciplinary program of study to meet their educational and career goals. The flexibility of the IDS program allows students to combine course work from two or more disciplines based on career goals, workplace advancement needs, or preparation for graduate or professional study. IDS students may take upper-level courses in any discipline in arts and sciences, in any business discipline, and in some education disciplines. In addition, IDS students may choose a focus area such as Business and Communications, Nonprofit Administration and Sociology, or Technology and Nonprofit Administration. The IDS major is available to students at all levels of their academic careers—from the beginning freshman to the degree-completion student with previously earned credits. IDS transfers who have earned an AA or AS degree from a regionally-accredited (for college transfer) technical or community college or have completed the general education requirements at an accredited baccalaureate institution will have satisfied the general education requirements for the bachelor of arts or bachelor of science degree in IDS. A minimum of 30 semester hours must be completed in residence at USC Upstate after acceptance into the IDS program.

### MARY BLACK SCHOOL OF NURSING GRADUATE PROGRAMS

Graduate students attend classes in the online environment, and the administrative support for the MSN programs are housed at the Greenville Campus. The graduate programs are designed for Registered Nurses who graduated from an accredited Bachelor of Science in Nursing program. Students may complete the graduate programs in two calendar years of full-time study, and in three years if they choose part-time study.

**Master of Science in Nursing Clinical Nurse Leader (CNL):** Students in the MSN program have the opportunity to acquire knowledge and skills for leadership roles in professional nursing practice in a wide variety of settings. Students complete all coursework on-line and 450 clinical hours can be completed in their work settings. Upon completion of the program, the graduate will be eligible for CNL certification through the American Association of Colleges of Nursing (AACN).

**Master of Science in Nursing Education:** Upon successful completion of the masters of science in nursing education program, students will have the opportunity to educate current and future nurses. They will be prepared to teach in academic and clinical settings, including staff development. Students will complete all coursework online with 375 clinical practicum hours completed in clinical settings. Once the program is completed, the graduate will be eligible to become certified by the National League of Nursing (NLN) as nurse educators.

**Master of Science in Nursing Leadership:** Students will be prepared to assume leadership roles in academic and practice settings. They will learn to prepare budgets, complete scheduling, develop and implement policies and procedures, advocate for patients, and serve on interprofessional teams

in this program. Students will complete all coursework online with 187 clinical practicum hours completed in clinical settings. Upon completion of the program, the graduate will be eligible to become certified as nurse executives by the American Organization for Nursing Leadership (AONL).



# ADMISSIONS

## UNDERGRADUATE ADMISSION

The University of South Carolina Upstate seeks to enroll students who will benefit from and contribute to the University. USC Upstate encourages all qualified students to apply for admission. Candidates for admission should possess the academic background to indicate the potential for collegiate success. Admission to USC Upstate does not guarantee or imply admission to any university program. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status. Requests for undergraduate application forms and catalogs should be addressed to the Office of Admissions. The Office of Admissions is open Monday through Friday and is located on main level of the Health Education Complex.

**Phone:** 864-503-5246 Spartanburg  
864-552-4242 Greenville  
1-800-277-8727 Elsewhere  
**Fax:** 864-503-5727  
**Email:** [admissions@uscupstate.edu](mailto:admissions@uscupstate.edu)  
**Website:** [www.uscupstate.edu/admissions](http://www.uscupstate.edu/admissions)

## APPLICATION PROCEDURES

### 1. Application

Prospective students should submit a completed application to the Office of Admissions with a non-refundable \$40 application fee.

### 2. Transcripts

All freshman applicants must submit transcripts of their high school record from the present or last high school attended. Applicants who attend a post-secondary institution while in high school or during the summer are classified as freshmen. However, official transcripts of the college work must be submitted. Transfer applicants must submit a transcript mailed directly to the USC Upstate Office of Admissions from **each** college attended. Transfer students with less than 30 semester hours of college credit are required to submit a high school transcript. It is the applicant's responsibility to have the required documentation forwarded to the Office of Admissions. All transcripts become permanent records of USC Upstate and will not be forwarded or returned.

### 3. Test Scores

All applicants who are 21 years of age or younger, with the exception of transfer applicants who have completed at least 30 semester hours of college credit, must submit results of the Scholastic Assessment Test (SAT) or the American College Testing program (ACT). All students desiring college credit should submit official copies of all AP and IB test scores.

## 4. Interviews and Campus Visits

Although not required, students are encouraged to visit USC Upstate to meet with university representatives and tour the campus. Appointments should be scheduled by calling the Office of Admissions.

*Each applicant will be notified when an application for admission is received by the Office of Admissions and an admission decision will be made upon receipt of required documents. Decisions for admission are made on a rolling basis.*

## CATEGORIES OF ADMISSION

### DEGREE-SEEKING ADMISSION

#### A. Freshman Admission

- High school diploma or equivalent (GED certificate)
- Scholastic Assessment Test (SAT) scores or American College Testing Program (ACT) scores

#### *Non-traditional or Adult Students*

Applicants who are 22 years of age or older are not required to submit SAT/ACT scores. However, students should present evidence of ability for academic success. Applicants who are interested in receiving credit by exam, military credit or credit for non-collegiate programs should refer to page 56 for more information.

#### *Freshman High School Course Requirements*

Students should prepare for the challenges at USC Upstate by taking a rigorous academic curriculum while in high school. Students who graduated from high school in 2011 or after are required to have completed the following high school units:

Area	Units	Description
English	4	At least two units having strong grammar and composition components; at least one unit in English literature; and at least one unit in American literature (completion of college preparatory English I, II, III and IV will meet requirements).
Mathematics	4	These include Algebra I (for which Applied Mathematics I and II may count together as a substitute, if a student successfully completes Algebra II), Algebra II, and Geometry. A fourth higher-level mathematics course should be selected from among Algebra III/trigonometry, precalculus, calculus, statistics, discrete mathematics, or a capstone mathematics course and should be taken during the senior year.
Laboratory Science	3	Two units must be taken in two different fields such as biology, chemistry or physics. The third may be from the same field as one of the first two or from any lab science where biology and chemistry is a prerequisite.
Foreign Language	2	Two units of the same foreign language. A third is strongly recommended.

<b>U.S. History</b>	1	One unit of U.S. history
<b>Social Studies</b>	2	Economics and Government are strongly recommended.
<b>Fine Arts</b>	1	One unit in appreciation of, history of, or performance in one of the fine arts.
<b>P.E. or ROTC</b>	1	One unit of physical education or ROTC
<b>Electives*</b>	1	One unit must be taken as an elective. A college preparatory course in Computer Science (i.e., one involving significant programming content, not simply keyboarding) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; laboratory science (excluding earth science, general physical science, general environmental science, or other introductory science courses for which biology and/or chemistry is not a prerequisite); or mathematics above the level of Algebra II.

### ASSESSMENT OF ACADEMIC RECORDS

Freshman applicants who satisfy the course requirements listed above will be evaluated on the basis of high school curriculum, grades, and SAT (verbal and math) or ACT (composite) scores. These factors will be used to determine the applicant's probability of success during the freshman year.

Exception to admissions requirements will be considered for applicants who can present extenuating circumstances. Where appropriate, the Admissions Office will refer such cases to the Student Services Committee. All freshmen admitted by the Student Services Committee will be required to enroll in the University 101 course during their first semester of attendance. Students must pass UNIV 101 in their freshman year. Typically, any student admitted with a high school course deficiency will be required to successfully complete an equivalent course in their first 30 semester hours of coursework at USC Upstate.

### B. Transfer Admission

A transfer applicant is a student who has attended another post-secondary institution after graduation from high school regardless of the amount of credit earned at that institution. Applicants must submit transcripts of all previous college courses whether or not credit was earned and regardless of whether the applicant wishes to transfer any credit. Failure to report all colleges attended may constitute immediate cancellation of admission and/or registration. Transfer requirements are listed below.

- a. A minimum 2.0 cumulative GPA in all previous college-level course work.\*
- b. Evidence that the applicant is academically and otherwise eligible to return to the last institution attended.
- c. If fewer than 30 semester hours of college-level work have been completed, the applicant must meet both freshman and transfer requirements.

*\*Specific degree programs may have additional GPA or other requirements for admission to the major.*

### USC SYSTEM CHANGE OF CAMPUS:

All applicants for change of campus to USC Upstate from other USC system campuses will be required to meet transfer student requirements:

- a. A minimum 2.0 cumulative GPA in all previous college-level course work.\*
- b. Evidence that the applicant is academically and otherwise eligible to return to the last institution attended.

- c. If fewer than 30 semester hours of college-level work have been completed, the applicant must meet both freshman and transfer requirements.

*\*Specific degree programs may have additional GPA or other requirements for admission to the major.*

Transfer applicants who have not attended school for two years or longer and are at least 22 years of age, may be eligible for probationary admission even if they do not meet GPA requirements. Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more credit hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this requirement are suspended. Students who leave the University without completing a term of probation, and are absent for three or more years, will begin a new term of probation upon readmission.

Transfer students are informed by the dean or division chair of their major of the amount of credit which will transfer, usually prior to enrollment, but at least prior to the end of the first academic term in which they are enrolled.

### TRANSFER CREDIT

The transcript of a transfer student is evaluated by the dean, chair or designee of the school or college in which he or she matriculates. If no major or an undeclared major is indicated at the time of application, the transcript will be evaluated in the Student Success Center.

USC Upstate does not limit the number of hours transferred for degree credit from a senior college that is accredited by a regional association such as the Southern Association of Colleges and Schools. A maximum of 76 semester hours may be transferred for degree credit from a junior college or two-year institution that is accredited by a regional accrediting association. USC Upstate requires that every student meet the academic residency requirements before a degree is awarded.

A student transferring from a four-year institution not accredited by the appropriate regional accrediting association may validate hours earned at the nonaccredited institution by successful completion of 15 hours at USC Upstate with a minimum 2.0 GPA. Credits earned at two-year nonaccredited institutions may be validated by examination. Exemption credit or acceptance of transfer credit by another college has no bearing on the evaluation of transfer credit at USC Upstate.

As a general rule, some courses are not acceptable in transfer to USC Upstate or to the other campuses of the University of South Carolina. Included are occupational or technical courses, remedial courses, courses from a two-year college that are considered upper-level at the University, or courses from a two-year college that are not part of that institution's college transfer program. Exceptions to this rule may be made only by the dean of the student's school or college or by the vice chancellor for academic affairs. Exceptions are made only in specific cases where the courses being considered for transfer are judged to be uniquely relevant to the student's degree program.

A course completed at another college or university in which a student earns a grade below C cannot be transferred. USC Upstate uses all grades (with the exception of grades for remedial courses and courses taken on a pass-fail basis) listed on transcripts of other institutions in the calculation of the transfer GPA. Therefore, the GPA as calculated by USC Upstate may be different than the one appearing on the transcript of another institution. A GPA calculated by USC Upstate will be used in determining admission to USC Upstate or to a particular program.

## TRANSFER: STATE POLICIES AND PROCEDURES

The South Carolina Course Articulation and Transfer System serves as the primary tool and source of information for transfer of academic credit between and among institutions of higher education in the state. The system provides institutions with the software tools needed to update and maintain course articulation and transfer information easily. The student interface of this system is the South Carolina Transfer and Articulation Center (SCTRAC) web portal: [www.SCTRAC.org](http://www.SCTRAC.org). This web portal is an integrated solution to meet the needs of South Carolina's public colleges and universities and their students and is designed to help students make better choices and avoid taking courses which will not count toward their degree. Each institution's student information system interfaces with [www.SCTRAC.org](http://www.SCTRAC.org) to help students and institutions by saving time and effort, while ensuring accuracy and timeliness of information.

## BACKGROUND

Section 10-C of the South Carolina School-to-Work Transition Act (1994) stipulated that the Council of College and University Presidents and the State Board for Technical and Comprehensive Education, operating through the Commission on Higher Education, develop better articulation of associate and baccalaureate degree programs. To comply with this requirement, the commission upon the advice of the Council of Presidents established a Transfer Articulation Policy Committee composed of four-year institutions' vice presidents for academic affairs and the Associate Director for Instruction of the State Board for Technical and Comprehensive Education. The principal outcomes derived from the work of that committee and accepted by the Commission on Higher Education on July 6, 1995, were:

- An expanded list of 86 courses which transfer to four-year public institutions of South Carolina from the two-year public institutions;
- A statewide policy document on good practices in transfer to be followed by all public institutions of higher education in the State of South Carolina, which was accepted in principle by the Advisory Committee on Academic Programs and the commission;
- Six task forces on statewide transfer agreements, each based in a discipline or broad area of the baccalaureate curriculum.

In 1995 the General Assembly passed Act 137 which stipulated further that the South Carolina Commission on Higher Education "notwithstanding any other provision of law to the contrary, shall have the following additional duties and functions with regard to the various public institutions of higher education." These duties and responsibilities include the commission's responsibility "to establish procedures for the transferability of courses at the undergraduate level between two-year and four-year institutions or schools." This same provision is repeated in the legislation developed from the Report of the Joint Legislative Study Committee.

Act 137 directed the commission to adopt the following procedures for the transfer of courses from all two-year public to all four-year public institutions of higher education in South Carolina.

## ADMISSIONS CRITERIA, COURSE GRADES, GPA'S, VALIDATIONS

All four-year public institutions shall issue annually in August a transfer guide covering at least the following items:

- A. The definition of a transfer student and requirements for admission both to the institution and, if more selective, requirements for admission to particular programs.
- B. Limitations placed by the institution or its programs for acceptance of standardized examinations (e.g., SAT, ACT) taken more than a given time ago, for academic course work taken elsewhere, for course work repeated

due to failure, for course work taken at another institution while the student is academically suspended at his/her home institution, and so forth.

- C. Institutional and, if more selective, programmatic maximums of course credits allowable in transfer.
- D. Institutional procedures used to calculate student applicants' GPAs for transfer admission. Such procedures shall describe how nonstandard grades (withdrawal, withdrawal failing, repeated course, etc.) are evaluated; and they shall also describe whether all course work taken prior to transfer or just course work deemed appropriate to the student's intended four-year program of study is calculated for purposes of admission to the institution and/or programmatic major.
- E. Lists of all courses accepted from each technical college (including the 72 courses in the Statewide Articulation Agreement) and the course equivalencies (including "free elective" category) found on the home institution for the courses accepted.
- F. Lists of all articulation agreements with any public South Carolina two-year or other institution of higher education, together with information about how interested parties can access these agreements.
- G. Lists of the institution's Transfer Officer(s) personnel together with telephone and fax numbers and office address.
- H. Institutional policies related to "academic bankruptcy" (i.e., removing an entire transcript or parts thereof from a failed or underachieving record after a period of years has passed) so that re-entry into the four-year institution with course credit earned in the interim elsewhere is done without regard to the student's earlier record.
- I. "Residency requirements" for the minimum number of hours required to be earned at the institution for the degree.

Course work (individual courses, transfer blocks, statewide agreements covered within these procedures shall be transferable if the student has completed the course work with a "C" grade (2.00 on a 4.00 scale) or above, but transfer of grades does not relieve the student of the obligation to meet any GPA requirements or other admissions requirements of the institution or program to which application has been made.

- A. Any four-year institution which has institutional or programmatic admissions requirements for transfer students with cumulative grade point averages (GPAs) higher than 2.00 on a 4.00 scale shall apply such entrance requirements equally to transfer students from regionally accredited South Carolina public institutions regardless of whether students are transferring from a four-year or two-year institution.
- B. Any multi-campus institution or system shall certify by letter to the commission that all course work at all of its campuses applicable to a particular degree program of study is fully acceptable in transfer to meet degree requirements in the same degree program at any other of its campuses.

Any course work (individual courses, transfer blocks, statewide agreements) covered within these procedures shall be transferable to any public institution without any additional fee and without any further encumbrance such as a "validation examination," "placement examination/instrument," "verification instrument," or any other stricture, notwithstanding any institutional or system policy, procedure, or regulation to the contrary.

## SOUTH CAROLINA TRANSFER AND ARTICULATION CENTER (SCTRAC)

All two- and four-year public institutions will publish information related to course articulation and transfer, including but not limited to items A through

D mentioned above, on the South Carolina Transfer and Articulation Center website ([www.SCTRAC.org](http://www.SCTRAC.org)). Course equivalency information listing all courses accepted from each institution in the state (including the 86 courses in the Statewide Articulation Agreement) and their respective course equivalencies (including courses in the "free elective" category) will be made available on [www.SCTRAC.org](http://www.SCTRAC.org). This course equivalency information will be updated as equivalencies are added or changed and will be reviewed annually for accuracy. Additionally, articulation agreements between public South Carolina institutions of higher education will be made available on [www.SCTRAC.org](http://www.SCTRAC.org), will be updated as articulation agreements are added or changed, and will be reviewed annually for accuracy. All other transfer information published on [www.SCTRAC.org](http://www.SCTRAC.org) will be reviewed at least annually and updated as needed.

### STATEWIDE ARTICULATION OF 86 COURSES

The Statewide Articulation Agreement of 86 courses already approved by the South Carolina Commission on Higher Education for transfer from two- to four-year public institutions shall be applicable to all public institutions, including two-year institutions and institutions within the same system. In instances where an institution does not have synonymous courses to ones on this list, it shall identify comparable courses or course categories for acceptance of general education courses on the statewide list.

### TRANSFER BLOCKS, STATEWIDE AGREEMENTS, COMPLETION OF THE A.A./A.S. DEGREE

The following Transfer Blocks/Statewide Agreements taken at any two-year public institution in South Carolina shall be accepted in their totality toward meeting baccalaureate degree requirements at all four-year public institutions in relevant four-year degree programs, as follows:

- Arts, Humanities, and Social Sciences: Established curriculum block of 46-48 semester hours
- Business Administration: Established curriculum block of 46-51 semester hours
- Engineering: Established curriculum block of 33 semester hours
- Arts and Sciences, curriculum II: Established curriculum block of 48-51 semester hours
- Teacher Education: Established curriculum block of 38-39 semester hours for early childhood, elementary, and special education students only. Secondary education majors and students seeking certification who are not majoring in teacher education should consult the Arts, Humanities, and Social Sciences or the Math and Science transfer blocks, as relevant, to assure transferability of course work
- Nursing: By statewide agreement, at least 60 semester hours shall be accepted by any public four-year institution toward the baccalaureate completion program (BSN) from graduates of any associate degree program in nursing (ADN), provided that the program is accredited by the National League of Nursing and that the graduate has successfully passed the National Licensure Examination (NCLEX) and is a currently licensed registered nurse.

Any "unique" academic program not specifically or by extension covered by one of the statewide transfer blocks/agreements shall either create its own transfer block of 35 or more credit hours with the approval of CHE staff or shall adopt either the Arts/Social Science/Humanities or the Science/Mathematics block by September 1996. The institution at which such program is located shall inform the staff of the CHE and every institutional president and vice president for academic affairs about this decision.

Any student who has completed either an Associate of Arts or Associate of

Science degree program at any public two-year South Carolina institution which contains within it the total course work found in either the Arts/Social Sciences/Humanities Transfer Block or the Math/Science Transfer Block shall automatically be entitled to junior-level status or its equivalent at whatever public senior institution to which the student might have been admitted. (Note: As agreed by the Committee on Academic Affairs, junior status applies only to campus activities such as priority order for registration for courses, residence hall assignments, parking, athletic event tickets, etc., and not in calculating academic degree credits.)

### ASSURANCE OF TRANSFERABILITY OF COURSEWORK COVERED BY THE TRANSFER POLICY

Coursework (i.e., individual courses, transfer blocks, and statewide agreements) covered within this transfer policy will be transferable if the student has completed the coursework with a "C" grade (2.0 on a 4.0 scale) or above. However, the transfer of grades does not relieve the student of the obligation to meet any GPA requirements or other admissions requirements of the institution or program to which application has been made. In addition, any four-year institution which has institutional or programmatic admissions requirements for transfer students with cumulative grade point averages (GPAs) higher than 2.0 on a 4.0 scale will apply such entrance requirements equally to transfer students from regionally accredited South Carolina public institutions regardless of whether students are transferring from a four-year or two-year institution.

Any coursework covered within this transfer policy will be transferable to any public institution without any additional fee and without any further encumbrance such as a "validation examination," "placement examination/instrument," "verification instrument," or any other stricture, notwithstanding any institutional or system policy, procedure, or regulation to the contrary.

### RELATED REPORTS AND STATEWIDE DOCUMENTS

All applicable recommendations found in the commission's report to the General Assembly on the School-to-Work Act (approved by the commission and transmitted to the General Assembly on July 6, 1995) are hereby incorporated into the procedures for transfer of course work among two- and four-year institutions.

The policy paper entitled State Policy on Transfer and Articulation, as amended to reflect changes in the numbers of transfer blocks and other Commission action since July 6, 1995, is hereby adopted as the statewide policy for institutional good practice in the sending and receiving of all course credits to be transferred.

### ASSURANCE OF QUALITY

All claims from any public two- or four-year institution challenging the effective preparation of any other public institution's course work for transfer purposes shall be evaluated and appropriate measures shall be taken to reassure that the quality of the course work has been reviewed and approved on a timely basis by sending and receiving institutions alike. This process of formal review shall occur every four years through the staff of the Commission on Higher Education, beginning with the approval of these procedures.

### CHIEF TRANSFER OFFICER

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## STATEWIDE PUBLICATION AND DISTRIBUTION OF INFORMATION ON TRANSFER

The staff of the Commission on Higher Education shall print and distribute copies of these Procedures upon their acceptance by the commission. The staff shall also place this document and the Appendices on the commission's Home Page on the Internet under the title "Transfer Policies."

By September 1 of each year, all public four-year institutions shall on their own Home Page on the Internet under the title "Transfer Policies":

- A. Print a copy of this entire document (without appendices).
- B. Print a copy of their entire transfer guide.
- C. Provide to the staff of the commission in satisfactory format a copy of their entire transfer guide for placing on the commission's Home Page on the Internet.

By September 1 of each year, the staff of the State Board for Technical and Comprehensive Education shall on its Home Page on the Internet under the title "Transfer Policies":

- A. Print a copy of this document (without appendices).
- B. Provide to the commission staff in format suitable for placing on the commission's Home Page of the Internet a list of all articulation agreements that each of the sixteen technical colleges has with public and other four-year institutions of higher education, together with information about how interested parties can access those agreements.

Each two-year and four-year public institutional catalog shall contain a section entitled "TRANSFER: STATE POLICIES AND PROCEDURES." Such section at a minimum shall:

- A. Publish these procedures in their entirety (except Appendices)
- B. Designate a chief Transfer Officer at the institution who shall
  - provide information and other appropriate support for students considering transfer and recent transfers
  - serve as a clearinghouse for information on issues of transfer in the State of South Carolina
  - provide definitive institutional rulings on transfer questions for the institution's students under these procedures
  - work closely with feeder institutions to assure ease in transfer for their students
- C. Designate other programmatic Transfer Officer(s) as the size of the institution and the variety
- D. Refer interested parties to the institutional Transfer Guide of the state's four-year institutions

### C. Readmission

Students whose undergraduate attendance at any USC campus has been interrupted for any reason for one or more major semesters (spring/fall) must apply for readmission. An application fee of \$10 is required if you have attended USC Upstate. Readmission to USC Upstate and to the program in which the student was previously enrolled is not automatic. Former students who have attended other institutions after leaving the University of South Carolina are considered transfer students and should follow the procedures for transfer admission. Students who wish to return to the University after being suspended should refer to the continuation standards for more information. Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more grade hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this requirement are suspended. Students who leave the University

without completing a term of probation, and are absent for three or more years, will begin a new term of probation upon readmission.

### Registration

Upon readmission, students should contact the office of their major for an advisement and registration appointment.

### D. International

Applicants who are citizens of a country other than the United States and who do not have permanent resident status are classified as international students. In addition to meeting general admissions requirements, applicants are required to:

- a. submit official school records (transcripts, diplomas or certificates of study), translated to English; transcripts must be evaluated by World Education Services (WES) to receive transfer credit, WES applications are available at WES.org;
- b. present a minimum Test of English as a Foreign Language (TOEFL) score of 500 (paper based) or 173 (computer based) or 61 (internet based); TOEFL is not required of students whose native language is English;
- c. be academically and otherwise eligible to return to the last college attended;
- d. have a minimum SAT score of 850;
- e. provide documentation of health insurance;
- f. meet freshman/transfer requirements if applicant has attended school in the United States; and
- g. submit bank statements or certified statement of financial ability to pay all education expenses.

### E. Second Baccalaureate Degree when First Degree is not from USC Upstate

Applicants who have earned a baccalaureate degree from a regionally accredited institution in the United States other than USC Upstate or from an institution recognized by a comparable regulatory system in another country can earn a second baccalaureate degree from USC Upstate, if the following conditions are met:

- Students meet the minimum 30-hour requirement for General Education as outlined by SACSCOC or take additional courses to meet this requirement;
- While at USC Upstate, students complete a minimum of 30-credit hours and meet all the requirements of the declared major including any foundational courses and pre-requisites;
- Students' combined credit from both baccalaureate degrees must be at least 150-credit hours or the equivalent.

**All applications, fees and credentials for international student admission must be received by December 1 for spring admission and July 15 for fall admission.** A Certificate of Eligibility (FORM I-20) is issued to those applicants who meet all requirements for admission to a full-time degree program.

### NON-DEGREE SEEKING ADMISSION

Applicants who wish to attend USC Upstate for one semester or on some limited basis, and who do not intend to pursue a degree at USC Upstate, may be approved to do so by submitting a Non-Degree Application for Admission and a \$10 non-refundable application fee. The Office of Admissions reserves the right to determine the proper category of admission and to determine

what credentials may be required. Applicants who have been officially denied admission are not eligible as non-degree candidates. Students wishing to take any economics (ECON) or business (BADM) courses must meet the required prerequisites. These prerequisites will be verified by the Johnson College of Business and Economics in order for students to remain in class. Verification can include a transcript or grade reports.

#### **A. Concurrent High School Seniors**

High school seniors may enroll in university courses for college credit. To be considered for this program applicants must have a high school GPA of 3.0 or SAT score of 1000/ACT composite of 22 and obtain a written recommendation from their high school principal or guidance counselor indicating the courses to be taken at USC Upstate. An application for admission must be submitted.

#### **B. Upstate Scholars Academy Students**

Scholars Academy students are academically talented high school students from Spartanburg County who are chosen to participate by a selection committee. These students enroll in university courses for college credit in a non-degree seeking status and may earn up to 60 hours of college credit.

#### **C. Transient**

Admission to undergraduate courses for one semester or summer school may be granted to students from other colleges and universities who are certified to be in good academic standing and whose program of study is approved by that institution.

#### **D. Audit**

Applicants who wish to take USC Upstate courses without earning credit may apply for admission as an audit student. Auditing is granted on a space-available basis only.

#### **E. Undergraduates with a Bachelor's Degree**

Students who hold a baccalaureate degree may be admitted to undergraduate credit courses upon submission of a transcript showing graduation with a bachelor's degree or a copy of a college diploma. A transcript is needed if the applicant would like assistance in selecting appropriate courses. This category is designed for students who are seeking teacher accreditation or professional development.

#### **F. Other**

Students who would like to take courses for personal enrichment or professional enhancement may be admitted to take up to 30 semester hours of credit. After 30 semester hours of credit, a student may apply for admission as a degree seeking candidate. Transcripts are required from the last institution attended to validate that the student is in good academic standing.

#### **Registration**

Applicants will be notified of registration procedures by the Office of Admissions.

#### **SENIOR CITIZENS**

Section 59-111-320 of the Code of Laws of South Carolina, 1976, as amended, authorizes state-assisted universities to permit South Carolina residents who have attained the age of 60 to attend classes on a space-available basis without payment of tuition if these persons do not receive compensation as full-time employees. The costs of any fees, charges, and/or textbooks

normally associated with the course remain in effect and must be borne by the student. Applicants must submit an application and a \$40 non-refundable degree-seeking application fee or a \$10 non-refundable non-degree-seeking application fee. Candidates are required to meet admission standards and may take classes for credit or audit.

#### **IMMUNIZATION**

All students are required to have a history of current immunizations on file prior to enrollment. This includes documentation of one of the following (1) receiving two doses of MMR Rubeola (Red Measles), Mumps, and Rubella (German Measles) vaccine; or (2) positive serum titers (blood antibody tests) for Rubella and Rubeola; or (3) birthdate before 1957 in order to qualify for an exemption from these immunizations. Proof of vaccination with Tetanus-diphtheria-acellular pertussis (Tdap) vaccine (brand names: Adacel® or Boostrix®) after July, 2005. Proof of meningitis vaccination received after 2005 (with Menactra® or Menveo®) is REQUIRED for all incoming freshmen residing in University Housing, prior to moving into your assigned residential facility.

#### **Tuberculosis Screening for International Students**

Effective Fall, 2009, all incoming international students will be REQUIRED to have proof of (1) a negative (zero millimeters) tuberculin skin test within six (6) months of admission to the University; or (2) a negative chest X-ray, if known to have a history of a positive tuberculin skin test.

These vaccines and tests are available and can be administered while on-campus for orientation by appointment during regular office hours. Applicable fees are posted on the Health Services website. Some students may qualify to receive vaccines free-of-charge, dependent upon eligibility under guidelines established by the federal Vaccines For Children (VFC) Program. For more information, contact Health Services at (864) 503-5191.

The Immunization Form is available by going to the "Freshmen Student Enrollment Checklist" and clicking on the link for "Submit immunization records" on the Enrollment Services Web site. Once these records have been completed and signed by your health care provider, you should mail these to the attention of the Health Services; fax to (864) 503-5099; or hand-deliver these records to Health Services while visiting campus. **You cannot register for future courses until you have returned your forms and received an immunization clearance through Health Services.** Questions regarding immunization should be directed to Health Services at 864-503-5191.

#### **PROOF OF CITIZENSHIP**

Effective January 1, 2009, all USC students must present proof of citizenship or lawful presence in the U.S. before enrolling. This policy (ACAF 3.40) has been adopted by the University in order to comply with section 59-101-430 of the South Carolina Code of Laws, as amended, which requires that lawful presence in the United States is verified before enrollment at any public institution of higher education. Verification of immigration status for non-citizens will be conducted by International student officials. For other students, a proof of citizenship verification process has been adopted to deter and prevent false claims of citizenship by unlawful aliens attempting to evade the eligibility requirements of section 59-101-430. The University will do all it can to verify citizenship using other means, but many students will be contacted to complete a verification form and present proof of citizenship in the form of the following acceptable documents:

- Copy of the South Carolina driver's license if the student first became a licensed driver in the state after Jan. 1, 2002;
- A Certified Birth Certificate indicating that you were born in the United

- States or a territory of the United States;
- Current U.S. Passport or U.S. Passport that has not been expired more than 10 years;
- Certificate of Naturalization - USCIS Form (N-550 or N-570);
- U.S. government issued Consular Report of Birth Abroad;
- Certificate of Citizenship (N-560 or N-561);
- Unexpired U.S. Active Duty/Retiree/Reservist Military ID Card (DOD DD-2)

**NOTE:** If name has changed since birth, student must present all legal documents (i.e., adoption records, marriage certificate, certificate of naturalization, and court ordered name change) supporting all name changes from the name which appears on the birth certificate or proof of citizenship to the present. To avoid relinquishing an original document, a student may present it in person. The University can accept photocopies of birth certificates and other citizenship documents so long as we reserve the right to demand production of the certified original in the event we have any questions about whether the copy is true and accurate, or in the event any of the information on the copy is unreadable. For more information, visit: <http://registrar.sc.edu/html/citizenshipverification.stm>.

## NEW STUDENT SERVICES

### ***Orientation and Registration***

**New freshman and transfer students** will choose from several orientation and registration dates. Reservations are made through the Office of Admissions. During the session, students will meet with an advisor and register for classes. Special programs and campus tours are also provided.

### ***Advisement Testing***

**New freshman** are encouraged to complete math and English testing before orientation according to guidelines mailed to students after admission. Testing is required prior to registration. Foreign language testing is required for all new freshmen and some transfer students.

**Transfer students** should set up an appointment with the testing coordinator in the Office of Admissions to schedule any necessary advisement testing. Advisement test may be required by department chair or advisor for courses related to major of choice.

### ***Housing***

USC Upstate currently offers traditional-style housing for freshman and apartment-style housing for upperclassman. Palmetto Villas is an on-campus, apartment style residential complex that is operated and supervised by the University. It houses 348 upperclassman in two-bedroom units that are furnished, air-conditioned, and has a kitchen with stove, refrigerator, and sink with a disposal unit. All units are networked as part of the USC Upstate system. The Palmetto House and Magnolia House complexes consist of single and double occupancy rooms, open areas, and three recreation rooms. Each hall features a private study area and laundry facilities. In addition, there is a recreation room with three flatscreen TVs, an assortment of games (billiards, ping-pong, foosball, air hockey) plus a vending area. This coeducational facility has controlled access, full sprinkler system, Internet access, cable television, green space, and adjacent parking.

Applications for housing are processed through the Housing Office. On-campus housing at USC Upstate is very popular and space is limited. Students are encouraged to apply as early as possible.

*\*Beginning in Fall 2011, all freshmen under the age of 20 are required to live on campus unless they are living with their parents or guardians.*

# TRANSFER GUIDE FOR SOUTH CAROLINA TECHNICAL COLLEGES

USC Upstate	Tech Colleges	Credits	USC Upstate	Tech Colleges	Credits	USC Upstate	Tech Colleges	Credits
<b>Accounting</b>			<b>Chemistry (cont.)</b>			<b>English</b>		
ACCT U225	ACC 101	3	CHEM U109	CHM 105	4	ENGL U101	ENG 101	3
ACCT U226	ACC 102	3	CHEM U111	CHM 110	4	ENGL U102	ENG 102	3
<b>Anthropology</b>			CHEM U112	CHM 111	4	ENGL U279	ENG 201	3
ANTH U102	ANT 101	3	CHEM U112	CHM 112	4	ENGL U280	ENG 202	3
<b>Astronomy</b>			CHEM U211	CHM 211	4	ELECTIVE	ENG 203	3
ASTR U111 + L	AST 101	4	CHEM U212	CHM 212	4	ENGL U289	ENG 205	3
ELECTIVE	AST 102	4	ELECTIVE	CHM 227	4	ENGL U290	ENG 206	3
<b>**Art</b>			<b>Computer Science</b>			ENGL U275	ENG 208	3
ARTH U101	ART 101	3	CSCI U138	CPT 101	3	ENGL U275	ENG 209	3
ELECTIVE	ART 105	3	CSCI U138	CPT 170	3	ELECTIVE	ENG 214	3
ARTH U105	ART 107	3	ELECTIVE	CPT 237	3	ELECTIVE	ENG 218	3
ARTH U106	ART 108	3	CSCI U234	CPT 286	3	ELECTIVE	ENG 222	3
ARTS U108	ARV 110 or 217	3	CSCI U239	CPT 286	3	ELECTIVE	ENG 228	3
ARTS U103	ARV 121	3	<b>Criminal Justice</b>			ELECTIVE	ENG 230	3
ARTS U104	ARV 122	3	CRJU U101	CRJ 101	3	ENGL U291	ENG 234	3
ARTS U110	ART 111	3	CRJU U321	CRJ 115	3	ELECTIVE	ENG 236	3
ARTS U205	ARV 210	3	CRJU U371	CRJ 125	3	ENGL U208	ENG 238	3
ARTS U206	ARV 205	3	CRJU U343	CRJ 210	3	ELECTIVE	ENG 260	3
ARTS U207	ARV 207	3	CRJU U210	CRJ 224	3	<b>French</b>		
ARTS U210	ART 112	3	CRJU U420	CRJ 236	3	FREN U101	FRE 101	3
ARTS U211	ART 211	3	CRJU U230	CRJ 242	3	FREN U102	FRE 102	3
ARTS U214	ARV 261	3	ELECTIVE	CRJ 116	3	FREN U201	FRE 201	3
ARTS U228	ARV 230	3	ELECTIVE	CRJ 120	3	FREN U202	FRE 202	3
ARTS U261	ARV 114	3	ELECTIVE	CRJ 126	3	<b>Geography</b>		
ARTS U311	ARV 241	3	ELECTIVE	CRJ 135	3	GEOG U103	GEO 101	3
ARTS U314	ARV 262	3	ELECTIVE	CRJ 145	3	ELECTIVE	GEO 102	3
ARTS U318	ARV 227	3	ELECTIVE	CRJ 205	3	ELECTIVE	GEO 201	3
ELECTIVE	CGC 278	3	ELECTIVE	CRJ 216	3	<b>German</b>		
ELECTIVE	ARV 280	3	ELECTIVE	CRJ 218	3	GERM U101	GER 101	3
ELECTIVE or ARTS U398	ARV 289	3	CRJU 220	CRJ 220	3	GERM U102	GER 102	3
ELECTIVE or ARTS U398	ART 290	3	ELECTIVE	CRJ 222	3	<b>Government &amp; International Studies (Political Science)</b>		
<b>Biology</b>			CRJU U210	CRJ 224 or 130	3	POLI U101	PSC 201	3
BIOL U110	BIO 105	4	ELECTIVE	CRJ 233	3	ELECTIVE	PSC 205	3
BIOL U101	BIO 101	4	ELECTIVE	CRJ 239	3	ELECTIVE	PSC 215	3
BIOL U102	BIO 102	4	ELECTIVE	CRJ 240	3	ELECTIVE	PSC 220	3
BIOL U143	BIO 112	4	ELECTIVE	CRJ 244	3	<b>History</b>		
BIOL U243	BIO 210	4	ELECTIVE	CRJ 247	3	ELECTIVE	HIS 101	3
BIOL U244	BIO 211	4	ELECTIVE	CRJ 260	3	ELECTIVE	HIS 102	3
BIOL U250	BIO 225	4	ELECTIVE	CRJ 261	3	HIST U101	HIS 104	3
BIOL U232	BIO 215	4	<b>Economics</b>			HIST U102	HIS 105	3
BIOL U242	BIO 216	4	ECON U221	ECO 210	3	ELECTIVE	HIS 106	3
ELECTIVE	BIO 240	4	ECON U222	ECO 211	3	ELECTIVE	HIS 108	3
ELECTIVE	BIO 241	4	ECON U291	MAT 120	3	ELECTIVE	HIS 109	3
<b>Chemistry</b>			ECON U292	MAT 220	3	ELECTIVE	HIS 112	3
CHEM U101	CHM 106	4	ELECTIVE	ECO 201	3	ELECTIVE	HIS 115	3
CHEM U106 + U106L	CHM 107	4	ELECTIVE	ECO 205	3	ELECTIVE	HIS 115	3
<b>Education</b>			<b>Education</b>			HIST U105	HIS 201	3
<b>Education</b>			EDFO U210	EDU 230	3	HIST U106	HIS 202	3



USC Upstate	Tech Colleges	Credits
<b>IDS</b>		
ELECTIVE	IDS 101	3
<b>Journalism</b>		
ELECTIVE	JOU 101	3
<b>Logic</b> (See Philosophy)		
<b>Mathematics</b>		
MATH U120	MAT 103	3
MATH U102	MAT 120	3
MATH U120	MAT 109	3
MATH U121	MAT 109	3
MATH U120	MAT 110	3
MATH U121	MAT 110	3
MATH U126	MAT 110	3
MATH U127	MAT 111	3
MATH U126+ U127	MAT 112	3
PSYC U225	MAT 220	3
SOCY U201	MAT 120	3
ECON U291	MAT 120	3
ECON U292	MAT 220	3
MATH U122	MAT 130	3
MATH U174	MAT 132	3
MATH U202	MAT 220	3
MATH U141	MAT 140	4
MATH U142	MAT 141	4
MATH U231	MAT 211	3
MATH U232	MAT 212	3
MATH U233	MAT 215	3
MATH U241	MAT 240	4
MATH U245	MAT 242	3
ELECTIVE	MAT 122	3
ELECTIVE	MAT 230	3
<b>Music</b>		
MUSC U110	MUS 105	3
<b>Philosophy (Logic)</b>		
PHIL U102	PHI 101	3
LOGC U207	PHI 105	3
LOGC U205	PHI 106	3
ELECTIVE	PHI 108	3
ELECTIVE	PHI 110	3
ELECTIVE	PHI 115	3
ELECTIVE	PHI 201	3
<b>Physical Science</b>		
PHYS U101+ U101L	PHS 101	4
<b>Physics</b>		
PHYS U201	PHY 201	4
PHYS U202	PHY 202	4
PHYS U211	PHY 221	4
PHYS U212	PHY 222	4
PHYS U212 or ELECTIVE	PHY 223	4

USC Upstate	Tech Colleges	Credits
<b>Political Science</b> (See Government and International Studies)		
<b>Psychology</b>		
PSYC U225	MAT 220	3
ELECTIVE	PSY 115	3
PSYC U101	PSY 201	3
PSYC U302	PSY 203	3
EDFO U333	PSY 203	3
ELECTIVE	PSY 208	3
ELECTIVE	PSY 212	3
<b>Religion</b>		
ELECTIVE	REL 101	3
RELG U103	REL 201	3
<b>Sociology</b>		
SOCY U101	SOC 101	3
ELECTIVE	SOC 102	3
SOCY U201	MAT 120	3
ELECTIVE	SOC 206	3
ELECTIVE	SOC 210	3
ELECTIVE	SOC 235	3
ELECTIVE	SOC 151	3
ELECTIVE	SOC 205	3
ELECTIVE	SOC 220	3
ELECTIVE	SOC 235	3
<b>Spanish</b>		
SPAN U101	SPA 101	3
SPAN U102	SPA 102	3
SPAN U101	SPA 105	3
SPAN U201	SPA 201	3
SPAN U202	SPA 202	3
<b>Speech</b>		
SPCH U201	SPC 205	3
ELECTIVE	SPC 208	3
ELECTIVE	SPC 209	3
ELECTIVE	SPC 210	3
ELECTIVE	SPC 200	3
<b>Theatre</b>		
THEA U161	THE 101	3
THEA U170	THE 105	3
THEA U260	THE 220 & 221	1
ELECTIVE	HSS 101	3

\*transfer courses are subject to change without notification.

\*Note: Some elective courses will transfer to meet general education requirements. Please contact Admissions with any questions.

\*\*Note: Any 200 or above level ART Studio from another institution can be used as a Professional Option IF there is no equivalent at Upstate.

# FINANCIAL AID & SCHOLARSHIPS

## PURPOSE AND ELIGIBILITY

USC Upstate offers a full range of financial assistance programs designed to assist students and their families with the cost of education. These programs provide financial aid resources in the form of grants, scholarships, loans and employment opportunities. These resources are awarded to students based on financial need, academic promise, leadership potential, special talents, or a combination of these criteria. Descriptions of these programs and their requirements may be found in the following pages of this catalog. In prior years, more than \$65-million in financial aid was awarded to USC Upstate students.

Eligibility for assistance based on financial need is determined by completing a federally approved needs analysis form, the Free Application for Federal Student Aid (FAFSA). Students may complete the FAFSA electronically at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The Title IV school code for USC Upstate is 006951. The FAFSA calculates an expected family contribution or EFC. The difference between the FAFSA EFC and the cost of education is the student's financial need. USC Upstate seeks to identify and provide funds to meet the financial needs of its students, to the extent resources are available. It is intended that no student be denied an education because of financial need.

Financial assistance programs have individual requirements in addition to a demonstration of financial need through completion of the FAFSA. These requirements generally include, but are not limited to, enrolled in good standing in a program of study leading to a degree or teaching certificate, enrollment in a minimum number of hours each semester, and maintenance of satisfactory academic progress. Students receiving state, federal or institutional financial aid must be enrolled in 12 or more USC Upstate hours to be considered full-time for financial aid purposes.

## SATISFACTORY ACADEMIC PROGRESS

Institutions participating in Title IV federal financial aid programs are required by the U.S. Department of Education to establish institutional policies that define satisfactory academic progress. All students who receive federal, state or institutional financial assistance at USC Upstate are expected to maintain satisfactory progress toward completion of their programs of study in a reasonable period of time.

Financial assistance programs covered by this policy include all federal financial aid programs (Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, TEACH Grant, Federal Subsidized and Unsubsidized Direct Loans, Federal Perkins Loans, Federal Parent Loans for Undergraduate Students, and Federal Work-Study), Private Loans, South Carolina Teacher Loans, State Need Based Grant and institutional financial assistance programs (athletic grants, academic scholarships, stipends, minority incentive grants, and student employment).

The USC Upstate Financial Aid Committee has approved the following policy. Students are considered to be making satisfactory academic progress if they:

1. Are admitted and enrolled as a degree seeking or teacher certification student.
2. Maintain a cumulative USC system GPA of 2.0.
3. Complete requirements for a degree or certificate within a reasonable length of time as specified below: The total number of hours attempted at any post-secondary institution does not exceed 180 hours.
4. Earn at least 67% of all total attempted hours (including hours from all USC campuses and all other previous colleges).

## CERTIFICATION STUDENTS

Students seeking a teacher certification with an undergraduate degree will be granted aid for a maximum of four full-time equivalency semesters or anticipated graduation date.

## TRANSFER STUDENTS

Transfer students receiving admission to the University will be considered to be making satisfactory academic progress for financial aid at the time of enrollment unless the total number of hours attempted at all post-secondary institutions exceeds the equivalent of 180 hours.

Transfer students gaining admission through the Admissions and Petitions Committee must attain a minimum 2.0 grade point ratio on the first twelve hours attempted to maintain further financial aid eligibility. Eligibility for financial assistance is limited to a total of the equivalent of 180 hours of enrollment at all post-secondary institutions attended.

## ACADEMIC SUSPENSION

Students serving suspensions will not be eligible for financial aid during periods of open enrollment. Students not making satisfactory academic progress are not eligible for financial aid.

## APPEAL PROCESS

If a student's ability to meet these standards was affected by extenuating circumstances, he or she may appeal this determination. Information concerning the appeals process is available in the USC Upstate Financial Aid Office. Students not meeting these standards at the end of spring term may attend summer school to meet satisfactory academic progress requirements. Incomplete appeals will be returned upon receipt. During the student's matriculation, the student will not be allowed to successfully appeal more than three (3) times. The committee's decision is final and cannot be further challenged.

## GRANTS

**Federal Pell Grants** are designed to be the foundation of financial aid. Their purpose is to ensure that all eligible students use these funds to continue their education after high school. The amount of a Federal Pell Grant award depends on a student's financial need as calculated by the FAFSA, the cost of the student's education, and the amount of time the student is enrolled during the school year.

**Federal Supplemental Educational Opportunity Grants (SEOG)** are awarded to a very limited number of students with the greatest financial need. The grants are restricted due to the shortage of appropriated federal funds, with preference to Federal Pell Grant recipients.

**TEACH Grant Program.** Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to \$4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. Students are required to sign an agreement to serve. Please go to the USC Upstate Financial Aid website for additional information.

## LOANS

### FEDERAL DIRECT LOAN PROGRAM

**Federal Subsidized Direct Loan Program** is a need-based program that allows students to borrow for educational expenses. The federal government pays the interest on these loans as long as students are enrolled on at least a half-time basis. Loan eligibility is based on financial need, class standing, and anticipated graduation date. Freshman students may borrow up to \$5,500 annually (\$3,500 subsidized, \$2,000 unsubsidized). Students with sophomore class standing may borrow up to \$6,500 annually (\$4,500 subsidized, \$2,000 unsubsidized) and those classified as juniors and seniors may borrow up to \$7,500 annually (\$5,500 subsidized, \$2,000 unsubsidized).

**Unsubsidized Federal Direct Loan Program** is available for students who do not qualify, in whole or in part, for the Federal Subsidized Direct Loan. The terms for this loan are the same as those described for the Federal Subsidized Direct Loan Program with the following exceptions.

- The annual loan limits for dependent, undergraduate students are the same as those for the Subsidized Direct Loan. The annual loan limits for independent, undergraduate students are as follows (subsidized and unsubsidized): \$9,500 for students who have not completed the first 30 hours of an undergraduate degree, \$10,500 for students with sophomore class standing, and those students classified as juniors and seniors may borrow up to \$12,500 annually.

### Federal Parent Loans for Undergraduate Students

**(PLUS)** allow parents to borrow up to the cost of education less other aid received each year without regard to income. A credit check is required of all parent borrowers. Repayment of principal and interest begins within 60 days after the final loan disbursement. The interest rate will be determined by the U.S. Secretary of Education according to the formula prescribed by Congress.

## ALTERNATE SOURCES OF ASSISTANCE

**American Opportunity and Lifetime Learning Education Credits** were created to assist families to offset tuition costs. Families who benefit are middle and lower middle-income families who do not receive enough gift aid to cover tuition payments. The American Opportunity tax credit is valued at \$2500 per eligible student and available only for the first 4 years of undergraduate study. The Lifetime Learning Credit is valued up to \$2000 per tax return and available for all years of postsecondary education, and for courses to acquire or improve job skills. To be eligible, a taxpayer must file a tax return and claim the student as an exemption. Additionally, married

filers must file jointly. These credits phase out on modified adjusted gross income. Tax filers should consult their tax advisor for details.

## STATE FINANCIAL AID PROGRAMS

### Legislative Incentives for Future Excellence (LIFE) Scholarships\*

is a renewable \$5,000 scholarship for residents of South Carolina who are enrolled full time and seeking a first baccalaureate degree. Students must meet state residency requirements upon initial college enrollment. There is no scholarship application for the LIFE scholarship. The award is granted by the Office of Financial Aid based on data provided by the Office of Admissions and the Office of the Registrar. Students must meet two of the following three criteria to qualify:

- earn a 3.0 GPA on a uniform grading scale
- score a minimum of 1100 SAT or 24 ACT
- rank in the top 30 percent of their graduating class

To retain the scholarship, recipients must have completed:

- first year students complete at least 30 hours and earn a minimum cumulative 3.0 GPA
- second year students complete at least 60 hours and earn a minimum cumulative 3.0 GPA
- third year students complete at least 90 hours and earn a minimum cumulative 3.0 GPA

**NOTE: remedial work is not counted in the hours earned or the GPA.**

Additionally, students must sign an affidavit certifying that they have not been adjudicated delinquent, convicted or pled guilty or nolo contendere to any felonies, or to any alcohol or drug-related offenses. Recipients must certify they are not in default on any federal or stated educational loans and they do not owe an overpayment on any federal or state grants. Certain majors may qualify up to \$7500. Go to the financial aid page of the USC Upstate website for more information. For complete information, you may access the Commission on Higher Education at [www.che.sc.gov](http://www.che.sc.gov).

**S.C. Hope Scholarship\*** offers a nonrenewable \$2,800 scholarship for entering freshman that achieve academically, but are not eligible to receive the LIFE Scholarship. Residency requirements and other restrictions are similar to the LIFE Scholarship, except eligibility is based solely on the grade point average. Entering freshmen must have:

- earned a 3.0 GPA on a uniform grading scale upon high school graduation.

Recipients who complete a minimum of 30 hours their freshman year and earn a minimum cumulative 3.0 GPA may be eligible for the LIFE Scholarship the following year.

**NOTE: Palmetto Fellows and LIFE recipients are not eligible for the HOPE scholarship.**

**Palmetto Fellows Scholarship\*** offers up to \$6,700 in renewable scholarship assistance to outstanding freshman who are residents of South Carolina. Applicants must meet the following criteria:

- earn a 3.5 GPA on a uniform grading scale
- score a minimum of 1200 SAT or 27 ACT
- rank in the top 6 percent of their junior class OR
- earn a 4.0 GPA on a uniform grading scale
- score a minimum of 1400 SAT or 32 ACT

Students should contact their high school guidance counselor for application procedures. Recipients must complete a minimum of 30 credit hours each

academic year and must earn a minimum 3.0 GPA for renewal of this award. Recipients must certify that they have not been adjudicated delinquent, convicted or pled guilty or nolo contendere to any felonies, or to any alcohol or drug-related offenses.

**NOTE: remedial work is not counted in the hours earned or the GPA.**

Certain majors may qualify up to \$10,000. Go to the financial aid page of the USC Upstate website for more information. For complete information, you may access the Commission on Higher Education at [www.che.sc.gov](http://www.che.sc.gov).

**South Carolina Income Tax Credit for College Tuition** allows South Carolina residents to claim a refundable tax credit of up to \$850 per student. Students must complete 15 credit hours each semester and may not receive the LIFE, Palmetto Fellow or any other state scholarship. The credit is available to offset out-of-pocket tuition payments only. Instructions are included in the S.C. income tax return.

**Future Scholar 529 College Savings Plan** allows families to save for college through a state-sponsored plan created under Section 529 of the Internal Revenue Code. These plans offer special tax benefits and have no income or age restrictions. Accounts can be used at almost any accredited school to pay for tuition, room, board, books and computers. For more information, call 1-888-244-5674 or visit [www.futurescholar.com](http://www.futurescholar.com).

**South Carolina Tuition Prepayment Program** allows families to purchase an advance payment contract for tuition at a guaranteed level that can be used at public and accredited private colleges and universities. The program allows for federal tax deferral on contributions in accordance with IRS rulings. For more information, call 1-888-772-4723 or visit [www.scprepaid.com](http://www.scprepaid.com).

**S.C. State Need Based Grant\*** is designed for South Carolina residents who are enrolled full time seeking their first baccalaureate degree and have demonstrated financial need. Students must complete the FAFSA annually to apply. Priority is given to those students whose files are complete by the March 1 priority deadline. Students must certify that they have not been adjudicated delinquent, convicted or pled guilty or nolo contendere to any felonies or to any alcohol or drug-related offenses. Continuing students must complete a minimum of 24 credit hours per academic year, and earn a minimum cumulative 2.0 GPA. Students may not receive the grant for more than eight semesters. For complete information, you may access the Commission on Higher Education at [www.che.sc.gov](http://www.che.sc.gov).

**S.C. Teacher Loan Program** was established to provide loan assistance to qualified students in education. This may be cancelled at a rate of 20 percent or \$3,000, whichever is greater, for each full year of teaching in either an eligible critical subject area or a critical geographic area in South Carolina. Teaching in both types of critical areas increases the cancellation benefit to 33 percent or \$5,000. Available only to South Carolina residents. Freshmen and sophomores may borrow \$5,000 per year. Students who qualify as "career changers" may borrow up to \$15,000 per year. Applicants should submit the S.C. Teachers Loan Application by April 30. Funds are limited with renewal applicants given priority. Additional information, including academic criteria and critical areas/critical subjects, is available from the S.C. Student Loan Corporation website at [www.scstudentloan.org](http://www.scstudentloan.org).

**Teaching Fellows Program**—In 1999, the S.C. General Assembly, recog-

nizing the shortage of teachers in our state, funded the Teaching Fellows Program for South Carolina. The mission of the South Carolina Teaching Fellows Program is to recruit talented high school seniors into the teaching profession and to help them develop leadership qualities. Each year, the program provides Fellowships for up to 200 high school seniors who have exhibited high academic achievement, a history of service to the school and community, and a desire to teach South Carolina's children.

The scholarship provides up to \$5,700 for tuition and board and \$300 for summer enrichment programs (contingent on funding from the S.C. General Assembly) administered by the Center for Educator Recruitment, Retention, and Advancement (CERRA). A Fellow agrees to teach in South Carolina one year for every year he/she received the Fellowship.

Applications are available from high school guidance counselors, teachers, and counselors, and may be downloaded from the CERRA website at [www.cerra.org](http://www.cerra.org).

*\*Changes may occur for these programs. Access the Commission on Higher Education website at [www.che.sc.gov](http://www.che.sc.gov) for the latest information available. Awards are contingent upon fund availability to be appropriated by the South Carolina legislature.*

## WORK OPPORTUNITIES

Job opportunities are available to USC Upstate students through a variety of programs: Federal Work-Study, Community Services Program, Job Location and Development Program, and the Student Assistant Program. The primary purpose of these programs is to provide a financial resource to students for educational expenses; however, these jobs may also provide valuable work experience. USC Upstate students work in a variety of jobs on and off campus. The pay scale is determined by the specific job description and the skills or experience of the student being hired. Students employed on campus are generally limited to working no more than 20 hours each week during periods of regular enrollment. To view job opportunities, go to [www.myspartanjob.com](http://www.myspartanjob.com).

## OTHER AID

### VETERANS' AND DEPENDENTS BENEFITS

Educational benefits are available to qualified veterans and children of deceased and disabled veterans. Inquiries should be made to the veterans' affairs office in the student's home county seat and the USC Upstate Office of Records, Registration and Veterans Affairs.

### VOCATIONAL REHABILITATION

This award is to conserve the working usefulness of persons with impairments who have reasonable expectations of becoming employed. Students who might qualify for vocational rehabilitation assistance should contact the Office of Vocational Rehabilitation in their home county seats.

**ATTENTION: All award notifications are sent electronically and may be viewed through Self Service Carolina.**

### OUT-OF-STATE FEE WAIVERS

Students who are not residents of South Carolina and who receive USC Upstate Athletic or Foundation Scholarships, or USC Upstate Undergraduate Assistantships valued at \$250 or more each semester may qualify for a waiver for out-of-state fees. The following conditions must be met to qualify for the fee waiver.

The award must be made in writing to the student before the end of late registration for each semester and prior to the student paying a tuition bill.

Notification of the award must be forwarded to the Financial Aid Office prior to the end of late registration for each semester. Scholarships or undergraduate assistantships that are awarded after the end of late registration for each semester will not result in a refund of out-of-state fees.

### UNDERGRADUATE ASSISTANTSHIPS

Undergraduate assistantships are designed to attract students in areas such as publications, music, drama, debate and selected leadership positions. Eligible students may receive financial assistance ranging from \$250 to the cost of tuition and books each semester based upon the activity, level of responsibility, and expected workload. Each recipient is required to sign a contract, which describes the position and its responsibilities. Assistantships are available for participation in the Gordon-Colloms Gospel Choir, University Singers, Shoestring Players (theater group), The Carolinian (newspaper), Debate Team, Writer's Inc. (literary magazine), USC Upstate Dance Team, Campus Activities Board and Student Government Association. Many of these assistantships require prior involvement in the activity or organizations. Please contact the Division of Student Affairs at 864-503-5106 for additional information.

## SCHOLARSHIPS

USC Upstate strongly supports the recognition of students who possess the potential to return the benefits of a quality university education to our society. Scholarships are awarded to students based on demonstrated academic ability, career plans, educational goals and community service.

### USC UPSTATE SCHOLARS PROGRAM

The USC Upstate Scholars Program for new and continuing students assists academically talented individuals in their pursuit of higher education. The prestigious awards are given to students who have shown their potential through academic merit. USC Upstate and the Upstate region will benefit from the leadership and academic excellence these scholars bring to campus. Scholarships will be awarded to eligible students; however, the number of awards available will be determined by the University. Early application for admission to USC Upstate is encouraged for students to be considered for new student scholarships. Contact the Office of Admissions for more information.

**CHANCELLOR SCHOLARS** are awards of \$10,000 (for boarding students) and \$5,000 (for commuting students) given annually to entering freshmen who meet the following criteria: present a minimum SAT score of 1300 or ACT score of 29, rank in the top 10% of their high school class and have a minimum cumulative GPA of 3.75.

**VALEDICTORIAN SCHOLARS** are awards of \$10,000 (for boarding students) and \$5,000 (for commuting students) given annually to entering freshmen who are ranked first in their class at time of admission to the University or upon high school graduation. In addition, Valedictorian Scholars must present a minimum SAT score of 1000 or ACT score of 23.

**PROVOST SCHOLARS** are \$3,000 scholarships that are awarded annually to entering freshmen who meet the following criteria: high school graduate, present a minimum SAT score of 1200 or ACT score of 27, rank in the top 20% of their high school class with a minimum GPA of 3.50.

**DEAN SCHOLARS** are \$2,000 scholarships that are awarded annually to entering freshmen who meet the following criteria: present a minimum SAT score of 1100 or ACT score of 24, rank in the top 30% of their high school class and have a minimum cumulative GPA of 3.25.

**OUT-OF-STATE ACADEMIC SCHOLARSHIP** are \$500-\$10,000 scholarships that are awarded annually to academically talented freshmen who transfer from outside of South Carolina.

**TRANSFER SCHOLARSHIPS** are \$2,000 scholarships that are awarded annually to entering transfer students (coming from two-year or technical colleges) who have earned 60 semester hours of transferable credit from a two-year or technical college OR an Associate of Arts or Associate of Science degree from an accredited college. Candidates must have a minimum cumulative GPA of 3.50. This scholarship is available to the recipient for two academic years (four semesters—fall and spring, not summer).

**NATIONAL MERIT SCHOLARSHIPS** are annual awards through the National Merit Scholarship Program. The competition for these awards begins when the students take the PSAT/NMSQT in their junior year of high school. Students eligible to continue in the National Merit competition are contacted by the National Merit Scholarship Corporation. At USC Upstate, Merit Scholarships are \$500 annually and are renewable for four years of undergraduate study if the student maintains at least a 3.0 cumulative GPA. Students receiving other general USC Upstate scholarships may also receive a Merit Scholarship; the total general USC Upstate scholarship package for such students, however, may not exceed the resident, on-campus, cost-of-attendance figure. To be eligible, students must be accepted by USC Upstate, be designated a National Merit finalist, and have listed USC Upstate as their first choice on the National Merit application.

*RENEWAL POLICY: Chancellor, Valedictorian, Metropolitan and University scholarships are renewable for seven additional consecutive semesters providing the student maintains a cumulative USC Upstate GPA of 3.0 and earns a minimum 24 USC Upstate semester hours during the fall and spring semesters. Transfer scholarships are renewable for three additional consecutive semesters providing the student maintains a cumulative USC Upstate GPA of 3.0 and earns a minimum of 24 USC Upstate semester hours during the fall and spring semesters.*

# USC UPSTATE FOUNDATION SCHOLARSHIPS

Every year the USC Upstate Foundation scholarship application is available on the USC Upstate Financial Aid website from November 1-February 1 at [www.uscupstate.edu/admissions-and-financial-aid/financial-aid](http://www.uscupstate.edu/admissions-and-financial-aid/financial-aid). Students are selected for the individual scholarships by meeting the specific criteria established by the donor of the fund with final selection being made by the designated discipline. Students will be notified of awards on or before July 1 for the following academic year by the office of Financial Aid.

## THE COLLEGES

**JOSEPH L. BALINTFY ENDOWED SCHOLARSHIP** was established to provide financial assistance up to \$500 per year to a full-time junior majoring in mathematics or computer science with a preference given to an immigrant or first-generation citizen. The applicant must write a one-page personal statement regarding his/her qualification for the scholarship and their interest in the chosen field of mathematics or computer science. This scholarship is renewable for the recipient's senior year.

**CAHSS AND CST SCHOLARSHIP** The College of Arts and Sciences Scholarship provides financial assistance to a junior with the highest GPA in their major, who has been a student at USC Upstate for at least 30 credit hours. One student will be selected from each college. This scholarship awards up to \$500 per year.

**DR. WARREN J. CARSON SCHOLARSHIP** was established to recognize extraordinary academic achievement and dedication to the university. The award will be offered to a student who demonstrates the highest achievement in English or African American Studies, holds at least a 2.5 GPA, and demonstrates university dedication. This scholarship is renewable and awards up to \$500 per year.

**DR. WARREN J. CARSON GOSPEL CHOIR SCHOLARSHIP** was established to honor Dr. Carson's many years of service and dedication to directing the University of South Carolina Upstate Gospel Choir across the Upstate and around the globe. The recipient of this scholarship must maintain at least a 2.5 GPA. This scholarship awards up to \$500 per year.

**CODESPOTI COMPUTER SCIENCE SCHOLARSHIP** was established to provide financial assistance up to \$500 per year to a Computer Science major in honor of Dr. Codespoti, a retired USC Upstate professor.

**CONTEC CHEMISTRY SCHOLARSHIP** was established to provide financial assistance to a declared Chemistry major with a minimum 3.2 GPA and must have completed Organic and Qualitative Analysis. This scholarship awards up to \$1,000 per year.

**DAVID B. DEDMON, DMD SCHOLARSHIP** provides financial assistance to students in pursuit of a Health Science degree. Applicants must be full-time students, have completed 32 hours in science curriculum, have at minimum a 3.0 GPA, be active in the community and on campus, and be a junior in good academic standing. This scholarship awards up to \$1,000 per year.

**DR. JOHN B. EDMUNDS, JR. SCHOLARSHIP** provides financial assistance to a student junior or senior with a minimum 3.5 GPA, a resident of the Upstate of South Carolina, declared major in the College of Arts, Humanities, and Social Sciences related to Social or Behavioral Sciences, and plans to pursue graduate studies in a SPCH discipline (includes law and medicine). A 1,500-word essay is required on how the applicant's intended graduate study will prepare them for their chosen career. This scholarship awards up to \$1,000 per year.

**FEATHERSTON FAMILY ENDOWED SCHOLARSHIP** provides financial assistance to a part-time or full-time student. The award is given to a student who is a declared major in the College of Arts, Humanities & Social Sciences or the College of Science and Technology, with a minimum of 30 credit hours, a cumulative GPA of 2.5, and that is not eligible for any state merit-based scholarship. This scholarship awards up to \$1,000 per year.

**CURTIS R. HARLEY ART GALLERY SCHOLARSHIP** provides financial assistance to a full-time Art Studio/Graphic Design major with the highest GPA beginning at a 3.0 GPA, and at least 60 credit hours completed. This scholarship awards up to \$1,000 per year.

**DOC LINDSAY SCHOLARSHIP** Created in memory of former USCS Professor of Fine Arts and Humanities, Dr. Bryan E. "Doc" Lindsay, this endowment will provide a scholarship for a non-traditional student in need of financial assistance. Dr. Lindsay's cosmopolitan world view influenced many students, especially non-traditional students. The recipient must be a non-traditional student (25 years of age or older, married, a parent, a veteran of the armed forces, working full-time while attending college or a college or university graduate returning to school). The recipient must be enrolled at least 6 hours and have a 2.5 overall GPA or a 3.0 on the last 12 hours of course study. They may also receive the award for one additional semester if a 3.0 GPA is maintained. After one year, the recipient must reapply and compete for continuation. This scholarship awards up to \$500 per year.

**MARY LOU HIGHTOWER ART EDUCATION SCHOLARSHIP** was established to honor Mary Lou Hightower for her years of service to the art department of USC

Upstate. It provides support to a full-time student with Junior status, declared art education major, currently enrolled in art education classes, with a minimum 3.0 GPA. This scholarship awards up to \$500 per year.

**MATHEMATICS SCHOLARSHIP** Provides support to an incoming freshman interested in pursuing a degree in mathematics. The recipient must have at least a 3.5 cumulative high school GPA and an SAT score of at least 1100. The scholarship is awarded to full-time students and may be renewable for up to seven semesters provided the student continues to major in mathematics, maintains a cumulative overall GPA of 3.0, and a cumulative GPA of 3.0 in mathematics courses. This scholarship awards up to \$500 per year.

**NANCY P. MOORE SCHOLARSHIP** was established to honor Dr. Nancy Moore for her commitment and teaching at USC Upstate and her service in the upstate community. Recipient must be a full-time English major who has sophomore or upper class standing with a minimum cumulative GPA of 2.5. Recipients must also be involved in some type of volunteer work. This scholarship awards \$500 per year.

**NATURAL SCIENCES AND ENGINEERING SCHOLARSHIP** provides financial assistance to a full-time student at USC Upstate engaged in a program of study in Biology, Chemistry, or toward completion requirements for Pre-engineering, Engineering Technology Management, or Pre-Pharmacy. The recipient must have completed 60 credit hours (30 of which must have been earned at USC Upstate) by the end of the semester of application, have a minimum cumulative GPA of 3.0, with involvement in campus and/or community activities. The scholarship is renewable for an additional year and awards up to \$1,000 per year.

**POLITICAL SCIENCE SCHOLARSHIP** provides financial assistance to a full-time, junior Political Science major with at least 70 hours completed by the end of the Spring semester in which the award is made, must have an overall GPA of 3.25 or higher, and must show potential for graduate work in a political science-related program. This scholarship awards up to \$200 per year.

**RON ROMINE SCHOLARSHIP** was established to honor Professor Romine's years of service to his country, state, and the Spartanburg community. The scholarship provides financial assistance to a student with a declared major or minor in one of the following fields: History, Political Science, Urban, and Regional Studies, Philosophy, American Studies, Religion, Pre-Law, Southern Studies, or Non-Profit Administration. Students must have earned at least 60 credit hours, 30 of them at USC Upstate, with a minimum GPA of 3.0, and must provide evidence of civic engagement and/or military service. This scholarship awards up to \$1,000 per year.

**SEYMOUR ROSENBERG SCHOLARSHIP** was established to provide financial assistance to a student majoring in English with a concentration in Journalism and is renewable upon academic excellence. This scholarship awards up to \$1,000 per year.

**SIMON ALLEN MEMORIAL CRIMINAL JUSTICE SCHOLARSHIP** is awarded to criminal justice students exhibiting the need to fund educational experiences (tuition, books, travel, professional development, etc.). This scholarship awards up to \$500 per year.

**WATER ENVIRONMENT ASSOCIATION OF SC (WEASC) "LEGACY OF LEARNING" SCHOLARSHIP** was established to encourage students pursuing a career in an environmental field. The recipient should be pursuing a Bachelor Degree related to the environment; for example, Science, Biological, Mechanical, Electrical or Engineering Technology. The recipient must also be a SC resident, have a minimum GPA of 3.0 on a 4.0 scale, and can be a full-time or part-time student. This scholarship awards \$1,750.

## GEORGE DEAN JOHNSON, JR. COLLEGE OF BUSINESS & ECONOMICS

**JERRY BENNETT SCHOLARSHIP** provides financial assistance to a transfer student from the state's technical college system, with preference given to students from Spartanburg Community College and Greenville Technical College, to help pursue a major in accounting at USC Upstate. The recipient must be a full-time student, business major with financial need as defined by the Department of Education (must complete FAFSA). This scholarship will award \$1,000 per year. This scholarship awards up to \$1,000 per year.

**MARTIE CHASTAIN MEMORIAL SCHOLARSHIP** was established to provide financial assistance to a full-time business student at the junior or senior level, with a minimum 2.5 GPA, and employed at least 15 hours per week. This scholarship awards up to \$1,000 per year.

**CLARY/DRUCKER ACCOUNTING SCHOLARSHIP** was established to honor Diana Clary and Meyer Drucker, retired faculty members, for having made a positive impact in the USC Upstate accounting program and the Upstate community. Provides financial assistance to a rising senior majoring in accounting, has a USC Upstate cumulative GPA of 3.0 or higher, and is a South Carolina resident. This scholarship awards up to \$600 per year.

**TED EILENBERG SCHOLARSHIP** Because of his many years of dedicated service to the university, both as a member of the faculty and the senior administrative staff, the Ted Eilenberg Scholarship was established to recognize and continue his service to USC Upstate's students. The recipient must be of a Junior or Senior class status, majoring in business, have financial need, and a minimum cumulative GPA of 2.5. This scholarship awards up to \$1,000 per year.

**CRAIG PRESSLEY GIEGERICH '02 ENDOWED MEMORIAL ACCOUNTING SCHOLARSHIP** provides financial assistance to a full-time student that wants to pursue a career in the accounting field. The recipient must be a business major with an emphasis in accounting, have completed 90 credit hours with a cumulative 3.2 GPA, expressed financial need, and be a South Carolina resident. This scholarship awards up to \$1,000 per year.

**ARTHUR T. MEILINGER ANNUAL SCHOLARSHIP** provides financial assistance to a full-time business major, working at least 25 hours a week, a rising senior with over 90 credit hours, USC Upstate minimum 3.0 GPA, and a resident of South Carolina. This scholarship awards up to \$750 per year.

**SERGEANT JAMES NOLEN MEMORIAL ACCOUNTING SCHOLARSHIP** was established by Rachel Anne Nolen '08 in memory of her late husband, James who was a member of the 82nd Airborne Division stationed at Fort Bragg, North Carolina. He died in serving our country on November 22, 2009. The scholarship will award \$1,000 annually to a full time student who has earned a minimum of 60 hours, has a minimum 3.0 GPA and is an accounting major.

**RICK O'BRIEN MEMORIAL SCHOLARSHIP** provides financial assistance to a full-time junior or senior Business Administration major with a concentration in Accounting. The recipient must have a cumulative 3.0 GPA and be employed a minimum of 10 hours per week. Preference is given to a student involved in community volunteer work.

**JOHN S. POOLE BUSINESS SCHOLARSHIP** provides financial assistance to a full-time Junior student, with a declared Business major, has 60 or more hours earned, a cumulative GPA of 3.0 or higher, and a history of civic involvement, with student-athletes given first consideration. This scholarship awards up to \$1,000 per year.

**STUART SHOUGH ACCOUNTING SCHOLARSHIP** was created and initiated by alumni Michael '93 and Penny '92 Meilinger in honor of Mr. Stuart Shough, former senior Accounting professor at USC Upstate. His honorary scholarship provides financial assistance to a rising senior planning on attending Clemson University for the Masters in Accounting Program, who has a 3.25 GPA or higher in accounting classes and a 3.75 GPA in all Business courses and must have completed at least 90 credit hours. This scholarship awards up to \$1,000 per year.

**CLINTON RICHARD SMITH, SR. SCHOLARSHIP** provides financial assistance to a full-time Johnson College of Business and Economics student who has financial need. Preference is given to a married student whose parents are engaged in a local small business or industry. This scholarship awards up to \$1,000 per year.

**HORACE C. SMITH ENDOWED SCHOLARSHIP** was established to provide financial assistance to three full-time business students, with 60 completed credit hours, and who are South Carolina residents. This scholarship can be awarded to the same students for consecutive years for up to \$3,000 per year.

**TD BANK SCHOLARSHIP** is given to a Johnson College of Business student who meets the following criteria: full-time student; earned a minimum of 60 hours and has a 3.0 GPA; completed FAFSA form; and active in the Upstate community. This scholarship awards \$1,000 per year.

**UNIVERSITY BUSINESS SOCIETY SCHOLARSHIP** was established to provide financial assistance to a rising senior with a 3.0 GPA, majoring in business. This scholarship awards up to \$500 per year.

**MARCUS H. WALL FAMILY SCHOLARSHIP** provides need-based financial assistance to a full-time student, who has earned 60+ credit hours, is a declared business major, has a minimum GPA of 2.75, is a South Carolina resident and not receiving any other state or institutional scholarships. This scholarship awards up to \$500 per year.

**WELLS FARGO BANK SCHOLARSHIP** was established to provide financial assistance to a rising senior Business major with the highest GPA, who maintains at least a 3.0 GPA throughout the academic year and is a resident of South Carolina. In the event of a tie, the selection shall be based on demonstrated need, leadership, and community service. This scholarship awards up to \$1,000 per year.

**WESLEY K. WILBER SCHOLARSHIP** provides financial assistance to assist male, non-traditional students majoring in business, with financial need, and not eligible for state merit-based scholarships. The student must complete the FAFSA and can be enrolled full or part-time. This scholarship awards up to \$500 per year.

**DONALD W. YATES SCHOLARSHIP** provides financial assistance to a part-time or full-time business major with an emphasis on marketing. The student must also have financial need, do not qualify for any state merit-based scholarships, and be a non-traditional student, rising senior and a cumulative 3.0 GPA or higher. This scholarship awards up to \$1,000 per year.

## SCHOOL OF EDUCATION, HUMAN PERFORMANCE, AND HEALTH

**BREITWEISER-LOVE SCHOLARSHIP** provides a deserving graduate students in the field of Special Education: Visual Impairment with a scholarship opportunity to assist them in completing their program of study. Students must have completed one semester in the Masters of Education and Special Education: Visual Impairment Program or Masters of Arts in Teaching Special Education: Visual Impairment with a minimum GPA of 3.25. Student must be in good standing with the University and be enrolled part-time. Recipient will receive \$250 per semester and is renewable each semester.

**GAIL HOGAN HOOD EDUCATION SCHOLARSHIP** was established to provide financial assistance to an education major pursuing their undergraduate or graduate degree, who is in good academic standing, a resident of Spartanburg County, with preference given to a married student and demonstrated financial need. This scholarship may be renewed up to four years.



**DR. CHARLES LOVE TRIBUTE SCHOLARSHIP** provides financial assistance to deserving graduate students in the field of Special Education: Visual Impairment with a scholarship opportunity to assist them in completing their program of study. Students must have completed one semester in the Masters of Education and Special Education: Visual Impairment Program or Masters of Arts in Teaching Special Education: Visual Impairment with a minimum GPA of 3.25. The student must be in good standing with the university and be enrolled part-time. The scholarship is renewable each semester. This scholarship awards up to \$500 per year.

**ALVA PACK, III '13 USC UPSTATE SCHOLARSHIP** will be awarded to a full or part-time student with financial need. Student(s) must be working towards a degree in healthcare or education with priority given to an upper classman - 60+ earned hours with a minimum of 2.0 GPA. The scholarship awards \$500 a year.

**SONJA K. RUPPE ENDOWED SCHOLARSHIP** was established to provide financial assistance to a freshman student who is a recent graduate of Gaffney High School entering USC Upstate as an Education major. This scholarship awards up to \$1,000 per year.

## MARY BLACK SCHOOL OF NURSING

**HELEN P. BIEHL ENDOWED SCHOLARSHIP** was established in honor of Ms. Biehl for her years of service as Dean of the Mary Black School of Nursing. Her honorary scholarship provides financial support to students enrolled in the upper division of the Nursing School. The students must have financial need, a cumulative GPA of 3.0, and demonstrated leadership in the university. Preference is given to a first-generation college student. This scholarship awards up to \$2,000 per year.

**MAJORIE BOURKE MEMORIAL NURSING SCHOLARSHIP** was established to provide financial assistance to a full-time nursing student with a minimum 2.5 GPA. This scholarship awards up to \$1,000 per year.

**CAREER CENTER NURSING SCHOLARSHIP** provides need-based assistance for an Upper-division Nursing student and awards up to \$500 per year.

**CATHERINE ERVIN '81 MEMORIAL SCHOLARSHIP** was established by the family and friends of Cathy Ervin Overstreet, a graduate of USC Upstate. The proceeds from the endowment will be awarded to a student in the Mary Black School of Nursing, with preference given to a graduate of Broome High School and/or a student receiving limited funding from other grants and scholarships. This scholarship awards up to \$1,000 per year.

**JACKIE S. FLOYD NURSING SCHOLARSHIP** provides financial assistance to a full-time rising senior majoring in Nursing with at least 90 credit hours completed, a minimum 3.0 GPA or higher, and is a resident of Upstate, South Carolina. This scholarship awards up to \$500 per year.

**PAUL FOERSTER ENDOWED EXCELLENCE IN NURSING SCHOLARSHIP** is given in honor of Paul F. Foerster's volunteer service to improve the health and wellness of the people and communities of Spartanburg County. His scholarship provides financial assistance to a full-time senior nursing student enrolled in the BSN program who has financial need, has a record of service to the university and the community, and who has at least a 3.0 cumulative GPA. This scholarship awards up to \$1,000 per year.

**GUY, ELMA AND MARIAN MURPH MEMORIAL SCHOLARSHIP** provides financial assistance to a student accepted into the Mary Black School of Nursing. The student must have financial need, a minimum 3.0 GPA, and be a resident of the Upstate of South Carolina. Priority will be given to a student returning after having dropped out of school. This scholarship awards up to \$2,500 per year.

**MARGARET P. HENSON NURSING SCHOLARSHIP** provides financial assistance to a deserving Mary Black School of Nursing student who has a minimum 3.0 GPA and demonstrated financial need. This scholarship awards up to \$1,000 per year.

**GARY ROBERT KAYLOR II ENDOWED MEMORIAL NURSING SCHOLARSHIP** was established to provide financial assistance to a full-time junior nursing major with a 3.0 GPA or higher and is a resident of Spartanburg or Greenville, South Carolina. This scholarship awards up to \$1,200 per year.

**LOIS W. MARRIOTT SCHOLARSHIP** provides support for a student enrolled in the Upper Division of the Nursing School. The student must have financial need, cumulative GPA of 3.0, accepted into the Nursing program, resident of North Carolina, and record of service to the University and community. These funds award two \$1,000 annual scholarships.

**ZERNO MARTIN NURSING SCHOLARSHIP** provides financial assistance to a full-time student, who has completed 60 hours, is a declared nursing student with a minimum 3.0 GPA, and must have completed the FAFSA to show need. Preference is given to a student intending to pursue employment with Spartanburg Regional Hospital once boards have been passed. This scholarship awards up to \$1,000 per year.

**MARY BLACK HEALTH SYSTEM-FALLEN ANGELS SCHOLARSHIP** was developed by the Nursing Leadership Group at Mary Black Memorial Hospital in memory of two of their beloved nurses, Lori Clark, RN and Greg Lynch, RN '90, that passed away in 2009. This scholarship is a small way for them to be remembered for their passion for nursing. This annual scholarship is awarded to a nursing student with a 3.0 GPA or higher, and must be an employee of Mary Black Health System or a child or grandchild of a Mary Black Health System employee. This scholarship awards \$500 per year.

**MARY BLACK SCHOOL OF NURSING SCHOLARSHIP** provides financial assistance to a full-time nursing student, with Senior status for the Fall semester. The applicant must exhibit financial, have a cumulative GPA of 3.0 and a GPA of 3.0 in nursing courses, provide service to the community (such as American Red Cross, Scouts, Church, etc.), service to the university (such as Student Nurses' Association, University and School of Nursing committees, etc.) This scholarship awards up to \$1,000 per year.

**OB/GYN SOCIETY OF SPARTANBURG SCHOLARSHIP** was established to provide financial assistance to a student specializing in OB/GYN nursing, a resident of South Carolina, willing to work for at least two years in Spartanburg County, and given priority to nurses who have been working in OB/GYN units at Spartanburg Regional Hospital or Mary Black Memorial Hospital. This scholarship awards up to \$500 per year.

**PIEDMONT DISTRICT NURSES ASSOCIATION SCHOLARSHIP** provides a \$500 scholarship for a nursing major enrolled in at least six credit hours. Recipients must be a South Carolina resident with at least a 3.0 high school or college cumulative GPA.

**CECIL O. AND MARY F. SMITH ENDOWED SCHOLARSHIP** provides financial assistance to one nursing and one education student. This scholarship awards up to \$3,500 per year.

**FRANCES ELIZABETH SITTON SMITH ENDOWED NURSING SCHOLARSHIP** provides financial assistance to a full-time nursing student who has a financial need with a preference given to a non-traditional student. This scholarship awards up to \$1,000 per year.

**SPARTANBURG COUNTY MEDICAL SOCIETY NURSING SCHOLARSHIP** provides financial assistance to a full-time declared Nursing student in the Mary Black School of Nursing, a Spartanburg County resident, minimum 3.0 GPA, who has completed 90 credit hours and has financial need as defined by the (Department of Education) completion of the FAFSA. This scholarship awards \$2,950 per year.

**TERESA TILLER SPLAWN SCHOLARSHIP** was established to provide financial assistance up to \$500 per year to a student enrolled in the Mary Black School of Nursing.

**EDITH THROWER MEMORIAL SCHOLARSHIP** was established by Ms. Thrower's family and friends to honor her dedication to caring for others through her life's work in nursing. This scholarship provides financial support to non-traditional nursing students renewable for each year of satisfactory progress toward a nursing degree. The recipient must have demonstrated academic ability and financial need. This scholarship awards up to \$1,000 per year.

**DENISE TONE MEMORIAL SCHOLARSHIP** was established by the friends and family of Denise Tone. The proceeds from the endowment will be awarded by the scholarship committee of the Mary Black School of Nursing to students accepted into a nursing program in recognition of academic excellence. This scholarship awards up to \$1,000 per year.

## GENERAL

**VIC BAILEY, JR. MEMORIAL SCHOLARSHIP** was established to provide financial assistance to those demonstrating financial need as a full-time student, who is a resident of Spartanburg County, with a minimum 3.0 GPA, and who shows passion, promise, and purpose for public and community service. The scholarship is renewable up to two additional years and awards up to \$1,000 per year.

**BANNON SCHOLARSHIP** provides financial assistance to a recipient who must have genuine financial need, be a resident of South Carolina with a preference given to residents living near Greenville or Spartanburg, be of sound moral character, and are active in volunteer work. The recipient should be a student who qualified for but did not receive one of the USC Upstate Scholars Program award. This scholarship awards up to \$3,000 per year.

**BERNARD F. ODASZ SCHOLARSHIP** was established in honor of Mr. Odasz's commitment to higher education by his wife Susan Wilson Odasz '78. It provides financial assistance to a full-time student over 25 years of age, maintaining a 2.0 GPA in an acceptable course of study at USC Upstate, and takes a minimum of 30 hours of credit annually. This scholarship awards up to \$1,000 per year.

**BILLIE WEISS-MCABEE SCHOLARSHIP** was established to assist a full-time, non-traditional student. The recipient must complete the FAFSA form, carry 12 or more hours per semester and not be eligible for any state scholarships. This scholarship awards up to \$1,800 per year.

**CATES CHANCELLOR'S ENDOWED SCHOLARSHIP** provides need-based financial assistance to a full-time student, who is a graduate of a South Carolina high school, has a minimum 1100 SAT and 24 ACT score, and at least a 3.0 GPA. This scholarship awards up to \$3,500 per year.

**COLLEGE POINTE APARTMENTS ENDOWED SCHOLARSHIP FUND** was established to provide an annual scholarship for a full-time incoming or returning student who is a resident of the College Pointe Apartment Complex, in good standing academic standing, and demonstrates financial need. This scholarship awards up to \$1,000 per year.

**D. L. SCURRY FOUNDATION SCHOLARSHIP** was established to provide several scholarships awarded to South Carolina residents who demonstrate academic ability, have a minimum cumulative GPA of 2.0, and have financial need. This scholarship awards up to \$500 per year.

**EARL GORDON SCHOLARSHIP ENDOWMENTS** was established to honor the memory of Mr. Earl Gordon, Former Dean of Students. An outstanding educator of the noblest of human qualities, Mr. Gordon was dedicated to serving the needs of students. The scholarship tributed to his legacy provides financial assistance to sophomores and juniors who have a 2.0 cumulative GPA, service or involvement in school or community, and financial need. This scholarship will award one up to \$1,000 and two up to \$500 per year.

**EB AND MAGGIE BARNES ENDOWED SCHOLARSHIP** was established to provide an annual award in memory of Dr. James "Eb" Barnes and his wife, Maggie Barnes, to a USC Upstate student completing a degree at the University Center of Greenville. The award is given to a student who most closely meets the criteria

of a non-traditional student, enrolled in a degree-completion program at UCG at least part-time, with established financial need. This scholarship awards up to \$1,000 per year.

**HEIDI G. FROM ENDOWED SCHOLARSHIP** provides financial assistance to a student who has completed freshman year (30+hours), is a full-time student (12+hours per semester), meets a minimum 2.5 GPA, has completed their FAFSA, and is a resident of South Carolina. This scholarship awards up to \$1,000 per year.

**GAMMA BETA PHI SCHOLARSHIP** is an award of \$500 to a full-time student 23 years of age or older with a 3.5 cumulative GPA in at least 12 hours at USC Upstate.

**GOSNELL FAMILY SCHOLARSHIP** was established to provide financial assistance to a returning sophomore with at least 30 completed credit hours, has a minimum 2.8 GPA, and is a resident of South Carolina. This scholarship awards up to \$1,000 per year.

**JAMES B. GREER ENDOWED MEMORIAL SCHOLARSHIP** was established to provide financial assistance to non-traditional students, with past education interrupted by full-time employment, military service, or family responsibilities for a minimum of two years, has a 2.0 GPA and at least 30 completed credit hours. This scholarship is renewable and awards up to \$1,000 per year.

**ANNE PORCHÉR Z. PERRIN SCHOLARSHIP** was established by the late Edward Perrin in honor of his wife, Anne Porchér, for her love of Spartanburg and education. These scholarships will be awarded to incoming Freshmen with a minimum 3.0 GPA, who are within the top 30% of their high school class and are residents of Spartanburg County. Students must not have received aid (excluding loans) that exceeds the cost of tuition and books (commuter) or exceeds the cost of tuition, room/board, and books (residential). Three scholarships per year awarded to students (one per high school) selected from each of the Public High Schools in Spartanburg County Districts 3, 6, and 7. The scholarship is renewable for three additional years but must obtain a GPA of 2.5 to the sophomore year, 2.75 to the junior year and a 3.0 senior year. This scholarship awards up to \$2,000 per year.

**MATTHEW POLIAKOFF SCHOLARSHIP** was a practicing attorney in Spartanburg and a member of the General Assembly representing Spartanburg County for an extended period of time. His devotion to his responsibilities and his care for the common good resulted in a remarkable career of public service. Thus, a scholarship fund in his honor has been established to provide needs-based financial assistance to a junior with at least 60 credit hours completed, who is majoring in political science, business administration, or pre-law. This scholarship awards up to \$500 per year.

**HORACE C. SMITH SCHOLARSHIP ENDOWED FUND** awards \$1,500 annually to three students who qualify as Metropolitan Scholars within the USC Upstate Scholars Program. The student must have a ranked top 10% of their high school class and have a minimum 1100 SAT score or 24 ACT score. A 3.25 GPA and South Carolina resident is also required.

**N. A. STIRZAKER SCHOLARSHIP** was established to honor the first director of USC Upstate, Dr. Norbert A. Stirzaker, by his colleagues and friends in tribute to his many years of service to the university. This scholarship provides financial assistance to a full-time USC Upstate junior with high academic standing and is for the recipient's senior year if a cumulative 3.0 GPA or higher. This scholarship awards up to \$1,000 per year.

**P.E.O. SISTERHOOD AE CHAPTER SCHOLARSHIP** provides financial assistance to a female student. This scholarship was developed by the women of the AE Chapter of the P.E.O. Sisterhood. This scholarship will award \$500 annually, as funds are available.

**SIMOTON SCHOLARSHIP** was established to award the president of the African American Association at USC Upstate \$250 per year.

**SYDNEY ELIZABETH MCMAKIN MEMORIAL SCHOLARSHIP** was created to memorialize her life and acknowledge the positive impact she made in the lives of her peers. This award will recognize a senior at James F. Byrnes High School who plans to attend the University of South Carolina Upstate and meets the requirements for admission, demonstrates financial need, maintains an overall 3.0 GPA, completes the scholarship application, including a 500-word essay. This scholarship awards up to \$1,000 per year.

**UPSTATE FAMILY SCHOLARSHIP** is open for application to any dependent child or spouse of a full-time University of South Carolina system employee. There is competition for this scholarship, and only a limited number of scholarships are awarded each year. To be eligible for consideration, the applicant must be enrolled or accepted for enrollment as a full-time undergraduate or graduate student on one of the university's eight campuses and have attained a minimum cumulative 3.0 GPA. Freshman eligibility is determined by high school class rank and SAT or ACT scores. The scholarship is renewable for up to four years for those students pursuing a baccalaureate degree provided the recipient maintains a minimum cumulative 3.0 GPA. In some cases, graduate students may receive the scholarship until receipt of their graduate degrees. This scholarship awards up to \$1,000 per year. Note: There is a specific application for this scholarship that must be sent to USC Columbia.

**USC UPSTATE ALUMNI ASSOCIATION SCHOLARSHIP** was initiated by the Board of Directors of the Alumni Association of USC Upstate to honor USC Upstate students of alums. The recipient must be a child of a USC Upstate graduate, a resident of South Carolina, and have a cumulative USC Upstate GPA of 3.0 or better. The student must also list collegiate/community organizations, activities, and committees to which they have belonged, as well as write a short paragraph explaining their need for the scholarship and why they would benefit from being awarded a scholarship. This scholarship awards up to \$500 per year.

**LEON & MALIKA WILES FAMILY SCHOLARSHIP** awards up to \$750 to an incoming freshman with a 2.75 GPA or above; preference is given to a person active in their church or community and a resident of South Carolina, Ohio or Oklahoma. The applicant must also have demonstrated financial need according to FAFSA.

## ATHLETICS

**DR. JOSEPH C. & MRS. DEANNA M. BOWMAN SCHOLARSHIP** was established to assist a current student who is an active member of the Volleyball team, earned a minimum of 30 credit hours, and has a minimum 3.0 GPA. This scholarship awards up to \$1,000 per year.

**LEE & CAROL FOWLER ENDOWED SCHOLARSHIP** was established to provide financial assistance up to \$500 per year to a female student-athlete with at least a 3.0 GPA.

**CHARLIE & JAKIE HODGE SCHOLARSHIP** was established to award one or more full-time undergraduate student-athletes who maintain a 2.8 GPA. The recipients must be pursuing the state of South Carolina teacher certification and are eligible for or admitted to a professional teacher education program at USC Upstate. The scholarship shall be automatically renewable for up to three additional years, as long as the recipients maintain full-time enrollment, continues to make satisfactory progress towards a degree, and meets all other mandatory scholarship selection criteria. This scholarship awards up to \$500 per year.

**JOSH LEE MEMORIAL SCHOLARSHIP** was established by friends and family of Josh Lee. This scholarship will be awarded to two members of Cross Country or Track team, male or female, minimum 3.0 GPA, must have completed 30 or more USC Upstate hours before eligible. If the recipient maintains good standing on the team and 3.0+ GPA, the scholarship is renewable for three years for up to \$1,500 per year.

**BETH & ALLEN NEWMAN SCHOLARSHIP** was established to provide financial assistance for up to 2 student-athletes participating in men's basketball, men's or women's golf, or softball that are Upstate, S.C. resident with a preference toward students that live within 100 miles of USC Upstate. This scholarship awards up to \$2,000 per year.

**THOMAS L. SMITH MEMORIAL SCHOLARSHIP** provides financial assistance up to \$1,000 per year to an out-of-state student-athlete and member of the baseball team.

**MILLS SPROULL MEMORIAL SCHOLARSHIP** was established by friends and family of Mills Sproull, USC Upstate student. The scholarship will be awarded to a student who has completed one academic year at USC Upstate, a minimum of 2.8 GPA, with a minimum one-year good standing on Men's Soccer Team. The Mills Sproull Memorial Scholarship will be awarded to a member of the men's soccer team whose characteristics best reflect those of Mills. These attributes include being a hard worker, a good teammate, having a positive and selfless attitude, having perseverance, and being a good student. This scholarship awards up to \$500 per year.

**ED WILDE WOMEN'S SOCCER SCHOLARSHIP** goes to fund a \$500 annual award to a player on the USC Upstate Women's Soccer team. The recipient must be a returning member of the Women's Varsity Team, should have demonstrated good character and achieved academically. Preference is given to a player who has been involved in community service.

**ED & CONNIE WILDE ENDOWMENT SCHOLARSHIP** was established to award a player on the USC Upstate Men's Soccer team. The recipient must be a returning member of the men's Varsity Soccer Team, have demonstrated good character and achieved academically. Preference is given to a player who has been involved in community service. This scholarship awards up to \$500 per year.

## OTHER SCHOLARSHIPS

**UNIVERSITY OF SOUTH CAROLINA ALUMNI SCHOLARSHIPS** are awards of varying amounts made to freshmen from the several judicial circuits in South Carolina and from metropolitan areas outside the state. The awards are based on academic ability and are renewable. Note: There is a specific application for this scholarship, and it must be sent to USC Alumni Association in Columbia, SC.

**The USC FACULTY/STAFF DEPENDENTS' SCHOLARSHIP** is open for application to any dependent child or spouse of a full-time University of South Carolina system employee. There is competition for this scholarship, and only a limited number of scholarships are awarded each year. To be eligible for consideration, the applicant must be enrolled or accepted for enrollment as a full-time undergraduate or graduate student on one of the University's eight campuses and have attained a minimum cumulative 3.0 GPA. Freshman eligibility is determined by high school class rank and SAT or ACT scores. The scholarship is renewable for up to four years for those students pursuing a baccalaureate degree provided the recipient maintains a minimum cumulative 3.0 GPA. In some cases, graduate students may receive the scholarship until receipt of their graduate degrees. Note: There is a specific application for this scholarship that must be sent to USC Columbia.

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Many scholarships and stipends may be combined with other sources of financial assistance for which a student is eligible. However, a student may not receive more than one full-tuition University scholarship. Students wishing to be considered for scholarships must be unconditionally accepted for admission prior to deadlines. USC Upstate students who are awarded scholarships or stipends are required to be in good academic standing. These students must also be free of any current discipline code violation and may not be on disciplinary probation.

(Scholarship information is accurate at the time of publication. Availability of funds and other factors may change. For further information about scholarships and other financial aid, please contact the Financial Aid Office.)

# FEES & EXPENSES

## ACADEMIC FEES

Academic fees at the University of South Carolina Upstate are established by the University of South Carolina Board of Trustees. Tuition and fees printed in this publication are for 2020-2021. All fees are payable in full at the beginning of each term. For a listing of the most up-to-date academic tuition and fees, please visit [www.uscupstate.edu/admissions-andfinancial-aid/tuition-and-fees](http://www.uscupstate.edu/admissions-andfinancial-aid/tuition-and-fees).

### APPLICATION FEE

Every new degree-seeking student is charged a non-refundable \$45 application fee. Exceptions to this charge may be made for certain special categories of admission. Non-degree-seeking students must pay a non-refundable application fee of \$10. Applications for admission must be accompanied by the application fee.

### INTERNATIONAL STUDENTS

International students must ordinarily pay non-resident fees for the duration of their enrollment, unless they qualify for permanent alien status. Their standing in this category and application for resident fees must be cleared with the residency officer in the admissions office.

### EXAMINATION FEES

Special examinations to establish undergraduate college credit without class attendance, or to validate credits from a non-accredited college, cost \$25 per semester hour.

## 2020-2021 TUITION AND FEES

All fees are payable in full at the beginning of each term.

### Undergraduate<sup>1</sup>

#### Full-time students (12-16 semester hours)

SC residents.....	\$5,604 per semester
Non-residents .....	\$11,355 per semester

#### Full-time students (17 semester hours and above)

SC residents.....	\$80 per semester hour
Non-residents .....	\$208 per semester hour

#### Part-time students

SC residents .....	\$467 per semester hour
Non-residents .....	\$946.25 per semester hour

#### Summer School

SC residents .....	\$396 per semester hour
Non-residents .....	\$805.50 per semester hour

#### Other Fees

Course/Lab Fees .....	\$60-100 per semester hour
Nursing Course Fee.....	\$40 per semester hour
Upper-level Business Fee.....	\$45 per semester course
Applied Music Fee .....	\$400 per course

### Graduate

#### Full-time students (12-16 semester hours)

SC residents.....	\$6,867 per semester
Non-residents .....	\$14,880 per semester

#### Part-time students

SC residents .....	\$572.25 per semester hour
Non-residents .....	\$1,240 per semester hour

#### Certified Teachers (rate applicable to part-time only)

SC residents.....	\$362.25 per semester hour
Non-residents .....	\$413 per semester hour

Students taking courses at more than one University of South Carolina campus are charged the appropriate campus rate per hour for each course taken. These charges may be in addition to the maximum fees, if reached, at the student's home campus. For example, a student taking 12 hours (or more) at USC Upstate and three hours at Union will be charged the full-tuition rate for the USC Upstate courses **plus** the cost of the course taken at Union calculated at the Union rate per hour.

#### Course auditing

Course auditing fees are the same as courses taken for credit.

#### Senior citizens

Section 59-111-320 of the Code of Laws of South Carolina, 1976, as amended, authorizes state-assisted universities to permit South Carolina residents who have attained the age of 60 to attend classes on a space-available basis without payment of tuition. The costs of any fees, charges, and/or textbooks normally associated with the course remain in effect and must be borne by the student. Applicants must submit an application and a \$40 non-refundable degree-seeking application fee or a \$10 non-refundable non-degree-seeking application fee. Candidates are required to meet admission standards and may take classes for credit or audit.

#### MEALS<sup>1</sup>

Each resident living in University housing is required to purchase a meal plan. Equivalencies, available with the meal plan, can be used by students for food purchases in the Dining Hall and at on-campus eateries. Fees are per semester, per student.

Freedom Plan .....	\$1,378
Unlimited Plan .....	\$1,642
Commuter Meal Plan - Spartys .....	\$65

For more information and additional meal plan options, visit [www.uscupstatedining.com](http://www.uscupstatedining.com).

**HOUSING<sup>1</sup>**

Villas

apartment-style complex for upperclassmen

Single room (per semester, per student) .....	\$3,426
Double room (per semester, per student) .....	\$2,360

Palmetto House

traditional-style complex for upperclassmen

Single room (per semester, per student) .....	\$3,187
Double room (per semester, per student) .....	\$2,657

Magnolia House

traditional-style complex for freshmen

Single room (per semester, per student) .....	\$3,187
Double room (per semester, per student) .....	\$2,657

Summer Term Housing

for freshmen and upperclassmen

(per Maymester term, per student) .....	\$350
(per summer term, per student) .....	\$475

*NOTE: an advance room payment of \$100 and \$45 application fee are required for Magnolia House, Palmetto House and Palmetto Villas.*

**INSURANCE**

Optional student health and accident insurance is available to all full-time students paying full fees. It may regularly be purchased only at the beginning of the fall semester, except in the case of new and transfer students. Contact the Center for International Studies for details on coverage and fees. International students are required to have adequate health insurance coverage.

**OTHER FEES<sup>1</sup>**

Matriculation fee <sup>2</sup> .....	\$75
Technology fee .....	\$9 per credit hour (part-time) \$140 per semester (full-time)
Health fee .....	\$6.50 per credit hour (part-time) \$65 per semester (full-time)
Replacement of diploma as originally issued .....	\$25
Transcript fee (each copy) .....	\$12
Reinstatement .....	\$75
Replacement fee for student ID .....	\$25
Security fee (per semester) .....	\$35
Includes required parking sticker and enhanced campus security features for the safety of all students	

**Note:** The following estimate represents a reasonable minimum for full-time enrollment; it does not include meals, travel, room and board and other incidental expenses.

**SOUTH CAROLINA RESIDENTS:**

Tuition, full-time	
(\$5,604 per semester) .....	\$11,208
Books (estimate: \$600 per semester) .....	\$1,200
Other fees .....	\$450
<b>Total .....</b>	<b>\$12,858</b>

**NON-RESIDENTS:**

Tuition, full-time	
(\$11,355 per semester) .....	\$22,710
Books (estimate: \$600 per semester) .....	\$1,200
Other fees .....	\$450
<b>Total .....</b>	<b>\$24,360</b>

**FINES<sup>1</sup>**

**Bad checks or credit cards returned for any reason:** \$30 plus late fee if used for payment of enrollment fees.

**Damage**

Students are charged for damage to university property or equipment.

**Parking:**

Parking improperly .....	\$25
Parking decal or permit not displayed .....	\$25
Parking in no parking area .....	\$25
Parking in loading or service zone .....	\$25
Blocking sidewalks or driveways .....	\$25
No parking permit for zone .....	\$25
Parking at fire plug, in lane .....	\$50
Parking along red curbs .....	\$50
Parking on grass .....	\$25

*(Continued on next page)*

<sup>1</sup>Fees are subject to change as approved by the USC Board of Trustees. Additional fees may be required in specific majors.

<sup>2</sup> A one-time fee paid by new degree-seeking students.

Parking along yellow curbs .....	\$50
Parking along curbs.....	\$25
Parking in reserved spaces .....	\$25
Failure to register vehicle .....	\$25
Parking in handicap space (fine set by state law) .....	\$400
Blocking space or curb cut (fine set by state law) .....	\$400
Vehicle Immobilization .....	\$75
Backed in or pulled through.....	\$25
Parked in excess of 30 minutes.....	\$25
Parked in excess of 60 minutes.....	\$25

## REFUNDS

University charges are to be paid in full on the date they are incurred. Refunds are issued according to the schedules in this section to students who withdraw from the University, to students who drop a course or courses, and to full-time students who are reclassified as part-time students as a result of dropping a course or courses.

Based on current federal regulations, students receiving federal Title IV financial assistance "earn" that assistance as they attend the University. All federal Title IV financial assistance is considered fully earned when the student has been enrolled past the 60 percent point of the enrollment term. If a student withdraws from the University prior to that 60 percent point, the unearned portion of the federal Title IV financial assistance must be returned to the source(s) of the funds. This is an obligation of **both** the University and the student.

The University is obligated to repay a calculated amount of the unearned portion of the student's Title IV financial aid, and this repayment is made from University funds. To the extent this repayment exceeds any applicable University policy refund, this amount is the financial obligation of the student to the University. To the extent total unearned federal Title IV financial assistance exceeds the portion repaid by the University, that amount is a financial obligation of the student to the lender and/or the Department of Education.

The return of the University's repayment is made in the following regulation prescribed priority sequence.

1. Unsubsidized Federal Direct loans
2. Subsidized Federal Direct loans
3. Federal Perkins loans
4. Federal PLUS loans received on behalf of students
5. Federal Pell grants
6. Federal SEOG program aid
7. Other Title IV funds

University policy refunds for withdrawing students who have received non-Title IV financial aid, will be applied to the source(s) of that financial aid before any refund is made to the student. The University administers refund policies for Title IV financial aid recipients as required by the Federal Higher Education Act. Below is a link to the standard university refund schedule. Specific refund dates are published in the course schedule for each semester. Additional information regarding federal refund policies is available in the Cashier's Office.

### A schedule of refunds is available at:

<http://registrar.sc.edu/html/bannerApps/POTDates.aspx>

## STATE RESIDENCY REQUIREMENTS

The University of South Carolina Upstate assesses tuition and fees upon the basis of state residency. The rules regarding the establishment of legal residency for tuition and fee purposes for institutions of higher education are governed by the South Carolina Code of Laws. A copy of this law in its entirety is available from the Office of Admissions.

The initial resident status determination is made at the time of admission and prevails until such time that a student establishes a proper claim to residency as defined by the laws of South Carolina. Any student who is discovered to have been improperly classified as a South Carolina resident will be reclassified as a non-resident and will be required to pay differences in fees.

Persons having questions about residency are encouraged to secure a Residency Application Package from the Office of Admissions. Appointments with the director of admissions to discuss residency requirements are also encouraged.

The University reserves the right to alter any charges without notice. All charges are due and payable on the date that they are incurred, or the date indicated on the ticket, invoice or statement. Checks for the exact amount of the total charges should be made payable to the University of South Carolina Upstate.

Students failing to pay all required registration fees on or before the last date to change course schedule (as indicated in the university calendar) may be dropped from class rolls.

Students failing to relieve any other indebtedness to the University or to any of its auxiliary agencies on the date such obligations become due and payable may not be permitted to attend classes, stand final examinations, or be issued a transcript, diploma, degree or any other official statement.

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veteran Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to;

- Require student secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, VA VR&E's contract with the school on VA Form 28-1905 by the first day of class.

#Note: Chapter 33 students can register at the VA Regional Office to use E-Benefits to get the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 student cannot get a completed VA Form 28-1905 (or any equivalent) before the VA VR&E case-manager issues it to the school.

- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.



# STUDENT AFFAIRS

The co-curricular program at the University of South Carolina Upstate is committed to the total development of students as individuals. Comprehensive services and activities are provided to complement the students' academic experience. These activities are organized to promote the holistic development of university students.

## THE DIVISION OF STUDENT AFFAIRS

The Student Affairs division is an integral component of the University of South Carolina Upstate. Its programs and services are designed to support the overall mission of the University by enhancing the cognitive, moral, cultural, physical, social, civic and interpersonal development of the institution's students.

The Student Affairs Division sponsors programs and services that are designed to:

- assist students in the successful transition to and from college
- help students explore and clarify their values;
- encourage students to develop healthy relationships with others (i.e., parents, peers, faculty and staff)
- create opportunities for students to expand their aesthetic and cultural appreciation
- teach students how to resolve individual and group conflicts
- help students understand, respect and appreciate racial, ethnic, gender and other differences
- provide opportunities for leadership development
- offer programs that provide primary health care for students and encourage healthy living
- provide opportunities for recreation and leisure-time activities
- help retain students in school and promote their intellectual development and academic success
- provide opportunities for students to develop and model responsible citizenship behavior
- enable students to develop realistic educational and career goals
- promote the development of ethical and responsible conduct
- facilitate personal and interpersonal development through an increased capacity to understand one's self and relate effectively to others
- establish activities and programs that encourage students to reason; organize; plan and execute complex tasks; set goals; solve problems; make sound decisions; analyze complex situations, and manage time and resources effectively
- ensure campus accessibility and protect the safety of all students, faculty and staff

The following offices and functions are included within the Student Affairs division:

### Student Affairs Administration

- Division Administrative Compliance
- Overall Fiscal Management
- Performing Groups
- Discipline

### Counseling Services

- Individual, Group and Couples Counseling (face-to-face and distance counseling)
- Psychiatric Services (tele-psychiatry)
- Testing Services (fee based)
- Crisis Services (24/7 coverage)
- Consultation
- Community referrals
- Outreach programming
- Miller Analogy Test (MAT) administration

### Disability Services

- ADA and Section 504 compliance
- Services and Accommodations for Students with Disabilities
- Campus-wide Accessibility
- Academic Coaching
- Disability Testing Center
- Sign Language Interpreters
- Captioning and Transcription
- Assistive Technology

### Health Education

- Alcohol Education for College
- Alcohol and Drug Education
- Blood Donation
- Body Image Awareness
- Civility
- Physical Activity
- Healthy Relationships
- Mental Health
- Nutrition

### Health Services

- Acute care for illness, injuries, and skin concerns
- Primary care including allergies, asthma, and chronic diseases
- Sexual and reproductive health including birth control & STD testing
- Laboratory testing, immunizations, and screening for tuberculosis
- Physical examinations, nutrition and exercise health guidance
- Health education programs and CPR certification

## Housing and Residential Life

- Summer Conference Housing
- Resident Advisors Program
- Residence Hall Honor Council (RHCC)
- Residence Hall Association (RHA)
- Tutor rooms
- Computer Lab
- Multimedia room
- Game room
- Facility maintenance of all residential areas
- Activities and Events for residential students
- 24 hour residential front desks

## Student Involvement

- Campus Programs
- Volunteer Services
- Multicultural Programs
- Student Media
- Fraternity & Sorority Life
- Student Organizations
- Leadership Programs
- Homecoming

## Campus Recreation

- Intramural Sports
- Sports Clubs
- Aquatics
- Group Fitness Classes
- Outdoor Recreation
- Weight Room
- Exercise Equipment
- Basketball/Racquetball
- Ropes/Challenge Course
- 18 Hole Disc Golf Course

## HEALTH EDUCATION

Health Education focuses on challenging the health attitudes, behaviors and perceptions of the USC Upstate community through education in order to promote the adoption of a healthy lifestyle. Health Education provides a diverse range of comprehensive health educational workshops as well as delivers health promotion campaigns and supplementary health education strategies in addition to assisting students in understanding health issues that will serve as a basis for personal and professional lifestyle changes. For more information regarding Health Education contact us at (864) 503-5536. The Health Education office is located in the Campus Life Center, Suite 220 and office hours are Monday-Friday from 8:30 a.m. – 5:00 p.m.

## COUNSELING SERVICES

Counseling is available to assist students in reaching personal and educational goals. Counseling is short-term, solution based and provided in an atmosphere focusing on growth and change. The counseling staff includes licensed clinicians, graduate student interns, and Board Certified psychiatric providers. Additional services include couples and group counseling, 24/7 crisis intervention, testing services (fee based), outreach programming, and educational workshops. Counseling is confidential, unlimited and free of charge to currently enrolled students. Services are available in the John M. Rampey Center, Monday through Friday, 8:30a.m. – 5 p.m. Services in Greenville are available via distance counseling, tele-psychiatry, or face-to-face appointments. For more information about services, please call 864-503-5195.

## DISABILITY SERVICES

Disability Services works to ensure that University programs, facilities, and services are accessible to all persons in the campus community. In accordance with the university's commitment to diversity, equality, the Americans with Disabilities Act and Section 504 guidelines, the office provides access based

on individual and community-wide needs. Examples of possible individual accommodations include: interpreting services for the deaf or hard of hearing, extended time for tests, note-taking services, print media converted into electronic or Braille format and other accommodations as deemed appropriate on a case-by-case basis. For information about services, please call (864) 503-5199 or visit the Campus Life Center, Suite 107. Office hours are 8:30 a.m. – 5:00 p.m. Monday-Friday. Additional extended hours are available for scheduled tests by advance appointment.

## HEALTH SERVICES

Health Services provides students with quality individualized health care, as well as information to help students stay healthy. Care is provided by a team of nurses and nurse practitioner with consultation and referral to area physicians as needed. Services for students are confidential and either free or a minimal fee (physicals, laboratory tests, flu shots and other vaccines, CPR, etc.). For more information about services, visit our website at [www.uscupstate.edu/campus-life/health-and-safety/health-services](http://www.uscupstate.edu/campus-life/health-and-safety/health-services). To contact us directly, call (864) 503-5191 or visit Health Services located at the corner of University Way and Valley Falls Road. Office hours are 8:30 a.m. - 5 p.m., Monday-Friday.

## HOUSING AND RESIDENTIAL LIFE

Housing and Residential life provides on-campus housing options for all students at USC Upstate. Options include suite style rooms (single and double room options) as well as on-campus apartments. Resident Advisors are assigned throughout the residential area to provide support, resources, and activities for students. Students living on campus are encouraged to get to know their roommates as well as others living on their floor or in their building by participating in campus activities and seeking leadership opportunities through the Residence Hall Honor Council and/or the Residence Hall Association. The Housing and Residential Life Office is located on the bottom floor of the Palmetto House and is open 8:30-5:00 p.m., Monday-Friday. Contact Housing and Residential Life by email, [HRL@uscupstate.edu](mailto:HRL@uscupstate.edu), or by phone, 864-503-5422.

## STUDENT INVOLVEMENT

Involvement in co-curricular activities is an important aspect of college life. The Office of Student Involvement in the Division of Student Affairs provides support for a wide variety of activities for the student body, including Fraternity and Student Life, leadership programs, community engagement, campus media, and student programming.

## CAMPUS PROGRAMS

The Office of Student Involvement sponsors a variety of student programs including Premiere Fair, Homecoming, Spartan Speaker Lecture Series, Winter Blast, coordination of Upstate 48, and Upstate Expeditions. Student Involvement is also home to the Campus Activities Board (CAB), a student organization dedicated to planning social events for the campus community. CAB aims to provide a diverse range of programs that allow students to develop socially, while also attempting to create a more unified campus.

## COMMUNITY ENGAGEMENT

The Office of Student Involvement supports Community Engagement through the development of service projects, assisting with service-learning courses, supporting the AmeriCorps VISTA program, and the advisement of IMPACT,

the student led community service organization. Annual service projects and fundraisers hosted by IMPACT include Spartan Day of Service, Haunted Hollow, Angel Tree, and Lake Sweep. The Office of Student Involvement also oversees the Alternative Break program that includes multiple Alternative Fall Break trips and Alternative Spring Break trips.

## MULTICULTURAL PROGRAMS

Multicultural Programs strives to educate on cultural awareness, support and empower students, and promote an inclusive campus community through informative, social, and equity-driven programs and services. These programs and services give all students, faculty, and staff an opportunity to learn, develop, and grow both personally and interpersonally as they are challenged to cultivate a deeper and more accurate understanding of themselves and others..

Inclusivity/Equity Workshops and Presentations - Multicultural Programs provides educational opportunities for the USC Upstate community. We engage members of the campus community in educationally-structured learning activities to challenge stereotypical modes of thinking. We also strive to promote positive interactions among members of the campus community to foster intellectual and social development that invites the robust exchange of ideas. Offerings include but are not limited to:

Inclusivity Workshops - Our staff visits classrooms, student staff training sessions, and student leader orientations to facilitate discussions about how to become more aware of and appreciate the individual differences within one another.

Group Activities - Our staff coordinates activities to assist your student leaders, group or class with becoming more acquainted with one another. We will assist in helping your team to realize the strengths and perspectives they all bring to the table.

Safe Zone Training - The Safe Zone Program is a campus-wide initiative that educates on LGBTQ+ identities, gender, and sexuality, and power and privilege. The intent is also to educate on allyship and true civility for the purpose of building a more inclusive community.

## FRATERNITY AND SORORITY LIFE

USC Upstate is home to 13 active Greek-lettered fraternities and sororities (6 men's organizations, and 7 women's organizations). For more information about becoming involved in Fraternity and Sorority Life, visit [www.uscupstate.edu/fsl](http://www.uscupstate.edu/fsl) or contact the Office of Student Involvement at 864-503-5122 with further questions.

### Men's Organizations

Alpha Phi Alpha Fraternity, Inc.  
Alpha Sigma Phi Fraternity  
Kappa Alpha Psi Fraternity, Inc.  
Omega Psi Phi Fraternity, Inc.  
Phi Beta Sigma Fraternity, Inc.  
Sigma Alpha Epsilon Fraternity

### Women's Organizations

Alpha Kappa Alpha Sorority, Inc.  
Delta Sigma Theta Sorority, Inc.

Delta Zeta Sorority  
Phi Mu Fraternity  
Sigma Gamma Rho Sorority, Inc.  
Zeta Phi Beta Sorority, Inc.  
Zeta Tau Alpha Fraternity

## STUDENT MEDIA

*The Carolinian*, the campus newspaper, is published by students. It contains information pertaining to student involvement, club news, sports news and features. *WritersINC.* is an annual literary and art magazine, edited by students, that publishes the work of students, faculty members and others.

## STUDENT ORGANIZATIONS

USC Upstate is home to more than 75 registered student organizations, including Academic and Honorary groups, faith-based organizations and other special interest organizations. For an up to date list of all registered student organizations, please contact the Office of Student Involvement at 503-5122.

## PERFORMING GROUPS

### University Art Galleries

**The Curtis R. Harley Gallery**, located in the performing Arts Center, schedules six or more exhibitions during the academic year that are accompanied by lectures, symposia, workshops and field research. Each year the gallery showcases the work of the graduating seniors in the visual arts program giving them an opportunity to present undergraduate research in a public setting.

**UPSTATE Gallery on Main**, located at 172 East Main Street, in downtown Spartanburg. The UPSTATE Gallery on Main officially opened its doors in February 2015. Showcasing the permanent work of artists Andy Warhol, Jerry Uelsmann and Beatrice Riese, the gallery offers its visitors the opportunity to see a variety of contemporary, original exhibitions in downtown Spartanburg. Visitors can also enjoy guest exhibitions and student work.

**FOCUS Gallery** is located on the second floor of the Humanities and Performing Arts Center. FOCUS is an acronym for "Featuring Outside Creative Undertakings of Students." The gallery is a unique partnership between USC Upstate and area schools to feature student artwork, lesson plans and assessments by the art teacher.

**Commercial Music Combo.** The Commercial Music Combo performs classic and contemporary rock and popular music at concerts both on and off campus.

**Gordon-Colloms Gospel Choir.** The USC Upstate Gordon-Colloms Gospel Choir is open to any student interested in gospel music. The choir meets on a regular basis to rehearse and presents several performances each year.

**USC Upstate Theatre.** The USC Upstate theatre group presents several major productions each year, plus smaller presentations and original revues. Membership in the Theatre is open to all students interested in theatrical performance and production.

**Upstate Vocal Ensemble.** The Upstate Vocal Ensemble performs traditional and contemporary music for mixed choir, as well as pop, jazz, musical theatre and rock selections. This touring ensemble performs regularly throughout the school year.

**USC Upstate Jazz Combo.** The USC Upstate Jazz Combo, which is typically split into two or more jazz combos, performs classic and contemporary jazz at concerts on and off campus. The combos are made up of music majors and minors, and non-majors taking the course for elective or cognate credit. Solo improvisation is not required, but welcome.

### STUDENT GOVERNMENT ASSOCIATION

The Student Government Association is the official elected body that represents all USC Upstate students. SGA officers work to conduct student functions and to maintain lines of communication among the faculty, the administration, and the student body. Students are appointed to various university committees upon the recommendations of the SGA.

### CAMPUS RECREATION AND THE SPARTAN RECREATION CENTER

Welcome to the Spartan Recreation Center at the University of South Carolina Upstate, which opened in February 2009. The Spartan Recreation Center is located within the new 150,000 square foot Health Education Complex, a facility developed to impact the health, wellness and economic development of the Upstate.

The mission of the Spartan Recreation Center is to provide a safe and accommodating environment for the students, faculty and staff of the University of South Carolina Upstate. We encourage the pursuit of a healthy lifestyle to enhance the academic and personal development of the student through physical activity and employment.

This 60,000 square foot facility, a vision of former students, is the home to the Department of Campus Recreation, which offers activities such as Intramural Sports, Outdoor Recreation, Group Fitness, Aquatics, and Sport Clubs. We also provide a Ropes/Challenge Course located at the Valley Falls entrance to campus. This course focuses on strengthening groups and energizing individuals through a variety of high and low ropes elements. Our knowledgeable staff can help you with any questions you have concerning the facility, programs, etc., so please contact us for more information.

The Spartan Recreation Center offers an eight-lane, 25-yard recreational swimming pool for lap swimming. The pool can also be used for innertube water polo or basketball, dive-in movies, and water aerobics. We also provide the latest in cardio and strength equipment as well as various group fitness classes such as pilates, yoga and kickboxing.

### STUDENT EMPLOYMENT

We encourage students who are interested in working at the Campus Recreation Department at USC Upstate to browse MySpartanJob.com for various employment opportunities we have available each semester. We have positions available throughout the facility including lifeguards, weight room attendants, facility supervisors and facility attendants. We also hire student sports officials to officiate our intramural games.

### STUDENT MEMBERSHIPS

Most students taking one or more semester hours automatically become Spartan Recreation Center Members when they register and pay their fees. For information on all of our programs please visit our website at [www.uscupstate.edu/campus-life/wellness-and-recreation](http://www.uscupstate.edu/campus-life/wellness-and-recreation). You may also con-

tact us at our Front Desk at 864-503-5080 or e-mail at [campusrecreation@uscupstate.edu](mailto:campusrecreation@uscupstate.edu).

### THE OFFICE OF LEADERSHIP AND SERVICE

#### SERVICE PROGRAMS

The Office of Leadership and Service (OLS) offers programs to support the development of leadership skills in students and to support their involvement in leadership experiences on campus. A variety of leadership programs are available and include:

- Freshman Leadership Experience (FLEX)- A program designed to introduce freshman students to the basic concepts of leadership through teambuilding activities, self-reflection, and skills-building. A retreat and a series of leadership sessions are held throughout the year. Each student is also matched with an upperclass leadership mentor.
- Women in Leadership Development (WiLD)- A program that serves upperclass (sophomore through senior) women who are interested in further developing their leadership skills. On and off-campus leadership sessions are provided.
- LEAD (Leadership Exploration and Development) Programs- A variety of one-time and/or sequential leadership sessions designed to enhance the leadership skills of students are offered throughout the year.

#### SERVICE PROGRAMS

The Office of Leadership and Service offers a variety of programs and services designed to facilitate the connection between students and the community through service opportunities. These service programs include:

- IMPACT - The student community service organization sponsors bi-monthly service opportunities and special events such as the Angel Tree, Spartan Day of Service, MLK Day of Service, and Food Recovery Network.
- Alternative Breaks - A student-led organization plans and sponsors service trips throughout the southeast during fall and spring breaks.
- Volunteer Service - Students interested in becoming involved in community service activities can access information about a wide variety of service opportunities through the office. Assistance can also be provided to identify and plan community service projects.
- Service-Learning - The OLS supports this method of teaching and learning that integrates participation in community service activities into credit-bearing courses by assisting faculty members in finding community partners and assisting students in identifying service-learning courses.

### STUDENT CONDUCT REGULATIONS

The University of South Carolina Upstate is an academic community preserved through the mutual respect and trust of the individuals who learn, teach and work within it. Inherent in the Code of Student Conduct is the belief in each individual's honesty, self-discipline and sense of responsibility.

## CODE OF ACADEMIC INTEGRITY

It shall be the responsibility of every student at USC Upstate to obey and to support the enforcement of the Academic Integrity Code, which prohibits lying, cheating or stealing. For details of the honor code, procedures for handling complaints, and penalties for violations, consult the USC Upstate Student Handbook.

## CODE OF STUDENT BEHAVIOR

It is also the responsibility of every student at USC Upstate to abide by the Code of Student Behavior, to conduct oneself so as not to impair significantly the welfare or the educational opportunities of others in the university community. All non-academic conduct that infringes upon the rights and welfare of others is thus embodied in the Campus Disciplinary Code. Violations are handled in the same manner as violations of the Academic Integrity Code. Consult the *USC Upstate Student Handbook* for details.

## GENERAL REGULATIONS

### ALCOHOL POLICY

USC Upstate enforces a strong alcohol policy in order to respect the academic environment and protect the welfare of individuals accessing the campus. The University complies with the Drug-Free Schools and Communities Act Amendment of 1989 in establishing and enforcing alcohol and drug policy. Consult the USC Upstate Student Handbook for a current copy of the Alcohol Policy.

### TOBACCO-FREE CAMPUS POLICY

The University of South Carolina Upstate is concerned about the toll that smoking and tobacco use has on the health and well-being of the University community. As a public institution of higher education with departments that have interest in and treat the effects of smoking, second-hand smoke, and other tobacco use, USC Upstate believes it has an obligation to exercise leadership by promoting a healthy tobacco-free and smoke-free environment for its students, faculty, staff, and visitors. As part of a global wellness initiative for the University, USC Upstate shall become a completely tobacco-free and smoke-free campus. The policy expands the 2011 smoke-free/tobacco-free policy to include the use of electronic cigarettes (e-cigarettes) of any kind (either prescribed or non-prescribed electronic nicotine delivery devices). Civility and respect are expected by all members of the University community as we make this transition. For a full review of the policy, please reference the USC Upstate website ([www.uscupstate.edu/smokefree](http://www.uscupstate.edu/smokefree)).

## FOR YOUR INFORMATION

### USC Upstate English Fluency Grievance Policy

Students who feel that they are unable to understand the spoken and/or written English of an instructor at USC Upstate shall schedule a meeting with the dean of the respective school and make their concerns known. The dean will conduct an investigation and report to the complaining students his/her finding within 10 working days of the complaint. In the event student charges are substantiated, the dean and the vice chancellor for academic affairs will take immediate action to rectify the problem. Such action may take the form of replacement of the instructor immediately, intensive remediation of the problem, or any other solution that protects the due process rights of faculty and students. Refer questions to the Academic Affairs Office.

## Policy for Non-Academic Grievances

A grievance is defined as a dissatisfaction occurring when a student thinks that any condition affecting him/her is unjust, inequitable or creates an unnecessary hardship. Such grievances include, but are not limited to, the following problems: mistreatment by any University employee, wrongful assessment and processing of fees, records and registration errors, racial discrimination, sex discrimination, and discrimination based on disability, as they relate to non-academic areas of the University. The grievance procedure shall not be used for appeals of disciplinary decisions, residency classification decisions, traffic appeals decisions or any other type decision where a clearly defined appeals process has already been established. Non-Academic grievances related to the University's non-discrimination and equal opportunity policies should be reported to the dean of students, and to the director of equal opportunity programs. The procedure is as follows:

The initial phase of the student grievance procedure requires an oral discussion between the student and the immediate supervisor of the person(s) alleged to have caused the grievance. If the student wishes to file an official grievance, a grievance form may be completed and filed with the immediate supervisor of the person alleged to have caused the grievance.

The form should be filed with the person's immediate supervisor within five (5) working days of the initial discussion referred to above. The supervisor shall immediately investigate the incident and render a decision. If the student feels the grievance is resolved, the process is complete. If the grievance is unresolved, the student may bring the matter before the dean of students by presenting a written statement within ten (10) working days of the supervisor's decision. The Dean of Students will investigate and render a decision within 10 working days.

**The Student Right-to-Know Act** requires higher education institutions that receive federal funds to report graduation rates for students who enter the institutions as first-time, full-time degree-seeking students. In the case of four-year institutions, the rate is based on the number of those students who graduate within six years of enrolling.

The graduation rate for first-time students who entered the University of South Carolina Upstate on a full-time basis in the fall of 2011 is 43 percent.

The figure does not include students who transferred from other institutions and graduated from USC Upstate, or those who transferred from USC Upstate to other four-year institutions and graduated from them. The graduation rate is also affected by students who change from full-time to part-time status, those who discontinue studies and later return, as well as those who drop out permanently.

# ACADEMIC REGULATIONS

As the chief governing body of the University of South Carolina, the board of trustees delegates powers to the president, the chancellor, and the faculty in accord with its policies. Subject to the review of the chancellor, the president and the board of trustees, the faculty retains legislative powers in all matters pertaining to the standards of admission, registration, instruction, research and extracurricular activities; the requirements for the granting of degrees earned in course; the curricula; the discipline of students; the educational policies and standards of the University; and all other matters affecting the conduct of academic affairs.

The University reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations, at any time when, in the judgment of the faculty, the chancellor, the president or the board of trustees, such changes are for the best interest of the students.

The University assumes that students, through the act of registration, accept all published academic regulations appearing in this catalog, online course schedule, the University website, or in any other official announcement.

Unforeseen circumstances may interfere with the scheduling of any particular course or degree offering. Students are expected to take such developments into account as they arise, even if doing so means a delay in some of their academic goals or a modification of those goals. Each academic unit concerned works closely with students facing such problems in an effort to resolve them. Classes may be cancelled for extenuating circumstances such as insufficient enrollment.

## RIGHTS OF CATALOG

An undergraduate student may choose to obtain a degree in accordance with the curricular requirements in force when he or she first enrolls in the University or under subsequent requirements published while the student is enrolled.

The following conditions apply to the selection of degree requirements:

1. A student has eight years continuous and inclusive to claim the requirements of a specific catalog.
2. A student who is absent for more than five years must select the catalog in effect at the time of his or her return.
3. The choice of requirements is restricted to a single bulletin.
4. A student may not appeal to requirements adopted and abandoned while he or she was not enrolled in the University.

A student who is absent from the University, for even a short time, may find that there have been drastic changes in curricula and programs. In such cases, there may be no choice for the student but to adopt the new program or a transitional program approved by the dean. USC Upstate is not responsible for providing programs or courses that were deleted during the student's absence.

## COURSE OF STUDY

Students are expected to follow the program outlined by their college or school as closely as possible, particularly in the first two years when they are satisfying general education requirements and prerequisites for advanced work.

Students must complete courses in the prescribed sequence. Failure to do so may lead to future schedule difficulties, and students may find that the course for which they wish to enroll is not available.

## COURSE SUBSTITUTIONS

Under unavoidable and exceptional circumstances, the faculty may permit a substitution or an exemption from the ordinary processes to complete the prescribed curricula. Students requesting a deviation from the prescribed course of study should consult with their academic advisor before preparing a petition listing the substitutions or exemptions sought and the reasons for the requests. Petitions are submitted on forms obtainable from the deans' offices or the Records Office. They must be returned to the dean of the school in which the student is enrolled.

Any deviation from degree requirements as published in the catalog must have the approval of the dean of the student's major. If the petition is denied, students may appeal to the senior vice chancellor for academic affairs. The petition must be approved before a student enrolls in the substitute course.

Students transferring from another college or university desiring to substitute courses taken elsewhere for courses prescribed at USC Upstate must submit a petition to the dean of the college or school in which they expect to receive a degree.

## CHANGE OF MAJOR

A student desiring to change his or her program of study (major) is required to log into the change of major form found on the registration and records web page. The student will use their VIP ID or network user name and password to log in. Once the necessary information is completed, the student will submit the form for processing. After the form has been approved by each office, the student will receive an email their major has been changed. A change of major should be completed in advance of registration. Students are responsible for keeping their intended major current and accurate by processing a change of major when necessary.

## CHANGE OF NAME

A student wishing a name change must present to the Records Office the name change form and proper legal documentation such as a marriage license, a court order approving a name change, or a divorce decree in which a name change is granted.

## CHANGE OF ADDRESS

Students are obligated to notify the Records Office of any change of address

and/or phone number. Failure to do so can cause serious delay in the handling of student records and notification of emergencies at home. Students change their address by using Self Service Carolina or email [recordsoffice@uscupstate.edu](mailto:recordsoffice@uscupstate.edu).

### INDEBTEDNESS

A student who is indebted to the University may be prohibited from attending class or registering for future terms. Indebtedness to the University may also prevent conferring of a degree and issuance of a diploma or a transcript.

Students who have a repayment obligation for federal, state or loan funds (including but not limited to Pell Grant, SEOG, SCNBG, Perkins Loan, Stafford Loan, SC Life Scholarship, etc.) are not permitted to receive federal, state or institutional financial aid.

### CHANGE OF CAMPUS WITHIN USC SYSTEM

Students wishing to change campuses within the University of South Carolina System must be currently enrolled and may initiate the process on Self Service Carolina. Eligibility is determined by the campus and major to which the student wishes to transfer, and is based on hours earned, GPA, and in some cases, specific courses. Students are responsible for meeting all requirements and deadlines and should verify eligibility prior to completing the application.

## REGISTRATION

Official enrollment in the University occurs after the first day of class and requires that students be academically eligible, complete the registration process, and have made payment of current academic fees.

Students are expected to complete registration (including the payment of all required fees and having an ID card made) on the dates prescribed in the University calendar. Failure to pay fees by the published deadlines may result in cancellation of the student's class schedule. To receive credit for a course at the end of the semester, students must be officially enrolled prior to the last day of late registration.

### ACADEMIC ADVISEMENT

The purpose of academic advising is to facilitate students' progression in meeting educational goals. Students are assigned an advisor in their first semester of attendance.

Academic advising is a joint venture between the advisor and the student. The advisor's responsibilities include knowledge of the curriculum, of institutional policies, and of services available on campus. Advisors assist students in developing an educational plan including selection of courses, scheduling classes and evaluating progress toward the degree.

Students are responsible for making educational decisions, scheduling advisement appointments and initiating discussions concerning academic difficulty or changes in their plan of study. Students should read all university communication, both print and online, and meet published deadlines.

A scheduled advisement period is held during fall and spring semester before priority registration. Students are required to meet with an advisor prior to their registration appointment time. After advisement, a "hold" is lifted allowing the student to register through Self Service.

Individual courses may be offered by distance learning. Please check the semester schedule for listings.

### ADVISEMENT TESTING

New freshman must take an advisement test in mathematics. Advisement into first-year English courses is based on the student's score on the writing portion of the SAT or ACT. Students who score 5 or below place in English U101A, students who score 6-10 place in English U101, and students who score 11 or 12 may be considered for English U101 Honors. Students who do not have SAT or ACT writing scores take the online writing placement test. Those who have not completed the math requirement for their USC Upstate major must take a placement test in math. Refer to the foreign language placement policy under the Academic Programs section.

### CREDIT HOUR

In line with the U.S. Department of Education's definition of a credit hour, one credit earned for lecture courses (face-to-face, hybrid, or online) at USC Upstate is equivalent to at least 45 hours of work. This includes student preparation (studying, homework, etc.) and, if applicable, time spent in class. The total amount of time spent per credit varies by the type of course (lecture, laboratory, internship, or practice). For example, a three-credit face-to-face lecture course may meet for a total of 45 hours and require at least 90 hours of study and homework. A four-credit laboratory course will require at least 180 hours of work (typically 180 to 225 or more) including 45 hours of class time, between 45 and 90 hours of laboratory time, and 90 hours of student preparation. One credit of internship or practice (clinical, visual or performing arts studio, student teaching, field work, etc.) requires at least 45, but typically 45 to 60 (or more), hours of work. Some disciplines and courses may require more than a minimum of 45 hours per credit depending on learning outcomes, delivery methods, and degree type. Graduate level courses may require additional time.

Type of course	Credits	Minimum number of hours
Lecture	3	135
Laboratory	4	180 (typically 180 to 225+)
Internship or Practice	1	45 (typically 45 to 60+)

It is recommended that students carefully consider course load and selection with the amount of extra-curricular activities such as employment, social and family obligations. A course load of five 3-credit courses requires at least 675 hours throughout the semester, which equates to at least 45 hours per week over 15 weeks. A 15-credit course load that includes laboratory, practice, and/or internships will require more. A full-time 12-credit course load may only require 540 hours (36 per week), but it could exceed 750 hours (50 per week).

Although not all courses meet for 15 weeks, the total amount of hours of work required remains the same. The table below shows four examples of a typical 3-credit lecture course.

	Length of Semester	Hours per week
3-credit lecture course	15 weeks	9+
3-credit lecture course	8 weeks	17+

3-credit lecture course	5 weeks	27+
3-credit lecture course	4 weeks	34+

### COURSE LOAD

Graduation from USC Upstate in four years assumes completing 30 semester hours of course work per year that can be applied to the degree program. Changing majors, repeating courses, or enrolling in fewer hours will delay graduation past four years.

A student may enroll in no more than 18 hours during a fall, spring or summer semester, without permission of his or her dean. Permission will not be granted for enrollment in more than 21 hours in fall, spring or summer. In order to receive permission for an overload, a student must have an overall GPA of 3.0 or a 3.0 GPA on 12 or more hours for the previous semester. Forms to request permission for an overload are available on the University's website.

### SEMESTER HOURS ENROLLMENT:

#### Fall, Spring and Summer Semesters

##### *Semester Hours*

1-11	Part-time status
12	Full-time status/graduate in 5 years
15-18	Full-time status/possible to graduate in 4 years
19-21	Must have permission to overload
Over 21	Not Permitted

### INDEPENDENT STUDY

A student who wishes to enroll in an independent study course may do so by engaging a supervising faculty member, completing a contract in association with that faculty member, securing approval of the dean, and registering through the Records Office. Independent study forms should be completed no later than the first week of the semester.

### INTERNSHIP

A student who wishes to enroll in an internship may do so by engaging a supervising faculty member, completing a contract in association with that faculty member, securing approval of the dean, and registering through the Records Office. Internship forms should be completed no later than the first week of the semester in which the student is interning.

### AUDITING

Auditing a course means attending classes and listening without actively participating in the class. Students must meet course prerequisites. The auditor is not responsible for class assignments or examinations. No academic credit is earned for a course which is audited nor may it be earned later through examination. A student who has audited a course is not prohibited from taking the course later for credit.

A student who wishes to audit a course must be admitted to the University and enroll in the course as an auditor. However, students taking the class for credit are given preference over auditors where enrollment limits are a concern.

A student who is auditing a course, but who wishes to take the course for credit, may change his or her registration by the end of the late registration period.

Students wishing to audit a course or to change from credit to audit may do so only with permission of the instructor. Each instructor may set at-

tendance conditions for the audit. Students not meeting those conditions will be withdrawn from the audit at the end of the semester when the faculty submit grades, with the withdrawal date listed on their transcript.

1. Students who wish to audit or change from credit to audit should get an audit form from the website.
2. The form must be signed by the professor with any limiting attendance conditions specified. The form is then signed by the student's advisor and turned into the Records Office.
3. The last day to change credit to audit is the same day as the last day to change course schedule or drop without a grade of W being recorded.

### PASS-FAIL OPTION

A student who has an overall GPA of at least 2.0 and who wishes to investigate fields of study other than those required by his or her degree program may choose the pass-fail option. The pass-fail option applies only to elective courses. No more than eight courses may be taken on a pass-fail basis during a student's academic career (excluded are credits granted for AP, CLEP, or ACT PEP). The option is offered on all courses at the undergraduate level, and normal prerequisites may be waived on these courses.

Enrollment for a course under the pass-fail option requires approval of the dean in the student's major. The option must be elected or revoked no later than the last day to withdraw without **academic** penalty.

Courses taken on a pass-fail basis do not count in the student's GPA nor toward the hours required for the Chancellor's or Dean's honor lists.

### REPETITION OF COURSES

Grades earned in a repeated course appear on the transcript and are calculated in the GPA (see Grade Forgiveness Policy). Students may receive transient credit for courses previously attempted at USC Upstate. (See transient credit policy).

### UNDERGRADUATE ENROLLMENT IN GRADUATE COURSES (SENIOR PRIVILEGE)

An undergraduate senior in his or her final semester may enroll in graduate courses under the following conditions:

1. The student has an overall GPA of 3.0.
2. The graduate course(s) do not create an overload.
3. Courses for graduate credit are not to be used to meet undergraduate degree requirements.

### SUMMER SEMESTER

Summer semester consists of a three-week term (Session A) and two four and one-half-week terms (Sessions B & C). Students regularly enrolled in the University may take work applicable to the degree during the summer semester.

The maximum course load permitted in the summer is 18 semester hours.

The University reserves the right to cancel any course in the case of inadequate enrollment. Registration in any course may be closed when the maximum enrollment for effective learning is reached.

### CHANGES IN REGISTRATION

A change in registration involves adding a course, dropping a course, withdrawing from a course, changing from one course section to another,



changing the number of credits in a variable credit course, or changing course registration from audit to credit.

Any change involving adding a course, dropping a course, changing a section, changing the number of credits in a variable credit course, or changing from audit to credit must be completed by the end of late registration as published in the university calendar. Students may elect or revoke the pass-fail option no later than the last day to withdraw without penalty. Students are urged to consult with the academic unit in which they are enrolled concerning any change of registration.

With the permission of both instructors, students may make the following schedule changes during the first few weeks of the semester (assuming the availability of the course to which the student desires to move):

- French, German, and Spanish 101 to/from 102; 102 to/from 201; 201 to/from 202 or 210; (French or German); 202 or 210 (French or German) to/from 310;

### **ADDING A COURSE, DROPPING A COURSE, AND SECTION CHANGES**

Students may add a course, drop a course or make a section change through the last day of late registration through the Self Service Carolina. Courses dropped through this period are not recorded on the permanent record and are not entered into the computation of hours attempted, grade point hours or any other totals.

### **COURSE WITHDRAWAL AFTER LATE REGISTRATION**

Course withdrawal is allowed after late registration until the last day to drop without penalty (the last day of the tenth week of the regular semester) through Self Service Carolina, with a grade of W recorded on the permanent record; the semester hours will not enter into the computation of hours attempted, grade point average or any other totals. In summer sessions or other shortened terms the time allowed to withdraw from a course is 72 percent of the total number of class days.

### **COURSE WITHDRAWAL AFTER LAST DAY TO DROP WITHOUT ACADEMIC PENALTY**

Students who wish to drop a course after the last day to drop without penalty do so through Self Service Carolina. A grade of WF is recorded. A WF is treated as an F in the computing of a student's grade point average. Exceptions to the assignment of a grade of WF are possible for verifiable, documented reasons. If a student must either drop a course for medical reasons or other acceptable cause after the last day to withdraw without penalty, the grade of W may still be assigned. A Request of W Grade for Extenuating Circumstances form originates with the dean of the student's academic major and if approved, must have a grade assignment by the course instructors, prior to being returned to the records office. Students return the completed form to the records office no later than the last day of class for the semester (before final exams begin).

### **WITHDRAWAL FROM THE UNIVERSITY**

Students wishing to withdraw officially from the University may withdraw on Self Service Carolina. Students who stop attending the University without following the withdrawal procedure will receive an F for each course which may prejudice any future attempt to reenter the University. Students withdrawing from the University prior to the last day to withdraw without

penalty have the withdrawal date and the courses posted on their transcript with a grade of W. Students withdrawing after the last day to withdraw without penalty, but not later than the last day of class, receive a grade of WF for each course in which they were enrolled. Students may petition to receive a grade of W rather than WF by carrying out the procedures outlined under the section entitled "Course Withdrawal: Following the Last Day to Withdraw Without Penalty." Students who stop attending classes and fail to carry out the procedures for dropping or withdrawing from their courses will have final grades calculated on both completed and missed work. This typically results in a grade of F.

**Post-Semester Withdrawal (Retroactive).** A student who ceases attending classes due to medical or other extenuating circumstances so serious that the student was neither able to attend classes nor initiate withdrawal procedures, may request to have each final grade changed to a W to indicate that there was satisfactory performance before being forced to stop attending classes. An appeal to change a final grade is to be initiated within one year after the final grade is assigned. Exceptions to the one year deadline are made through petition to the Academic Affairs Committee. Withdrawal must be from all courses.

Requests for post-semester withdrawal are initiated in the Records Office, where the necessary procedures are explained and the student is supplied with the form entitled Request for Withdrawal After the Penalty Date for Medical Reason or Extenuating Circumstances. This form and supporting documentation concerning the extenuating circumstances are presented to the dean of the student's major, who will make a determination as to the nature of the circumstances and the dates during which the student was unable to participate in classes. The dean makes a recommendation as to whether the student should be permitted a post-semester withdrawal from the University based on the findings of an investigation of the facts. The recommendation of the dean will be taken by the student to faculty members for assignment of a final grade of W or WF. The final grade will be based upon the student's academic standing at the time of the initiation of the extenuating circumstances. If the instructor is no longer at USC Upstate, and a forwarding address is available, the student shall, within the time specified on the extenuating circumstances form, transmit copies of all necessary materials to the former faculty member by certified return receipt mail. If the instructor fails to assign a W or WF within three months of the date of the request, or if no forwarding address is available, the dean of the appropriate college or school shall appoint a faculty member to consider the request and assign a W or WF.

The decision of the dean of the student's major concerning being allowed a post-semester withdrawal from the University or the assignment of a final grade by the faculty member(s) may be appealed as follows: (1) To appeal the decision of the dean of the student's major, the student requests that the Academic Affairs Committee review the facts of the case. The decision of this committee will be final. (2) To appeal the assignment of a grade of WF, the student will follow the procedure described in the catalog section entitled "Academic Grievances."

### **CLASS ATTENDANCE**

The resources of the University are provided for the intellectual growth and development of the students who attend. The schedule of courses is provided to facilitate an orderly arrangement of the program of instruction. The fact that classes are scheduled is evidence that attendance is important

and students should, therefore, maintain regular attendance if they are to attain maximum success in the pursuit of their studies. All instructors will, at the beginning of each semester, make a clear written statement to all their classes regarding their policies concerning attendance. Instructors are also responsible for counseling with their students regarding the academic consequences of absences from their classes or laboratories. Students are obligated to adhere to the requirements of each course and of each instructor. All matters related to the student's absence, including the possible make-up of work missed, are to be arranged between the student and the instructor. Students should understand that they are responsible for all course content covered during their absences and for the academic consequences of their absences.

## EXAMINATIONS

### FINAL EXAMINATIONS

Final examinations are scheduled at the end of each semester and term. A calendar of examination times is published on the USC Upstate website. All final examinations must be administered during the time period designated in the calendar of examination times. Instructors may allow students to switch from one examination section to another when that instructor teaches multiple sections of the same course. Exceptions from this policy should be addressed to the senior vice chancellor for Academic Affairs. Laboratory examinations are normally scheduled during the last meeting of the lab. A student who is absent from a final examination will receive a grade of F in the course if an excuse acceptable to the instructor is not offered. When the instructor excuses an absence from the examination, a grade of I (incomplete) is awarded until the examination is made up. Please see the section on incompletes on page 56. A student who is excused must take the examination at the convenience of the instructor. In any case, the examination must be made up within one year. **Reexamination or the assignment of additional work for the purpose of removing an F or for raising a grade is not permitted.**

### TESTS

Faculty are restricted in the scheduling of tests only during the final week of classes of a regular semester. Restrictions are as follows:

<i>Class Meetings Per Week</i>	<i>Testing Restrictions</i>
1	No testing during the last class meeting
2	No testing during the last 2 class meeting
3	No testing during the last 2 class meeting
4 or more	No testing during the last 3 class meeting

These restrictions do not apply to laboratory examinations which may be administered during the last week of classes.

## ACADEMIC STANDING

All students enrolled at USC Upstate are subject to the same continuation standards. Administration of these regulations is the responsibility of the senior vice chancellor for Academic Affairs and is coordinated by the Registrar's Office. Students seeking relief from these regulations must go

through the appeal process (see Academic Suspension Appeal Process). The following standards regarding scholastic eligibility are applicable to all undergraduate students.

## CONTINUATION STANDARDS

### ACADEMIC REVIEW

The record of every undergraduate student will be reviewed at the end of each fall, spring, and summer semester. Many of the individual colleges of the University have higher academic requirements for students to continue in their degree programs. However, no student will be suspended academically from the University unless he/she fails to meet the standards specified here.

A student's academic standing is based on his/her "Total Institutional GPA" and "Total Institutional GPA Hours" which can be viewed in Self Service Carolina at the end of a student's "Unofficial Academic Transcript" under the heading, "Transcript Totals (Undergraduate)."

### ACADEMIC PROBATION

When a student's Total Institutional GPA at the end of any semester is less than a 2.00, he or she is placed on academic probation. Students who are placed on probation should examine their academic habits and life choices that may be negatively affecting their academic work. Students who are on probation must:

1. successfully complete an academic workshop coordinated by the Student Success Center,
2. submit a Conditional Enrollment Agreement w/ the Student Success Center,
3. satisfy the requirements in the Agreement, and
4. meet with a financial aid counselor.

A registration hold will be placed on a student's record until these requirements are satisfied.

### REMOVAL FROM ACADEMIC PROBATION

When a student's Total Institutional GPA at the end of any semester is a 2.00 or above, he or she is not on academic probation.

### PROBATION CHART

Total Institutional GPA Hours	Placed on Probation	Suspended	Removed from Probation
0-35	GPA < 2.0	GPA < 1.5	GPA > 2.0
36-71	GPA < 2.0	GPA < 1.8	GPA > 2.0
72+	GPA < 2.0	GPA < 2.0	GPA > 2.0
SEMESTER REPRIEVE: Regardless of the Total Institutional GPA, a student may continue on probation and avoid suspension if the Current Term grade point average is 2.00 or greater.			

Students who leave the University without completing a term of probation, and are absent for three (3) or more years, will begin a new term of probation upon readmission.

### ACADEMIC SUSPENSION

A student who has been placed on academic probation but does not achieve the required minimum GPA standard will be placed on academic suspension.

There are three levels of academic suspension. A student who is serving a first or second suspension may attend summer school at USC Upstate. Grades earned in summer school may provide evidence of fitness for removal of the second suspension through the appeal process. A student who has a third (indefinite) suspension may not enroll in classes at USC Upstate. Suspended students will not be admitted or allowed to continue any program of the university for credit or GPA purposes. Grades based on credits earned at other institutions while under suspension will not be used to remove the suspension. See suspension appeal process.

Level	Length of Suspension	How suspension may be removed
First	2 major semesters	I. Attend summer school at USC Upstate, enroll in at least nine grade hours, and achieve a minimum grade of C on all courses attempted, or
Second	4 major semesters	II. Successful appeal through the suspension appeal process, or III. Serve the suspension.
Third	48 months	Follow Academic Forgiveness Procedure

### ACADEMIC SUSPENSION APPEAL PROCESS

Students wishing to appeal academic suspension should obtain an appeal form from the University's website. Completed forms must be submitted to the Records Office to be considered prior to the start of the term.

1. The Student Services Committee of the faculty may grant students relief from academic suspension only in extraordinary circumstances.
2. Decisions of the Student Services Committee may be appealed to the Senior Vice Chancellor for Academic Affairs.

### RETURNING TO THE UNIVERSITY

A student who reenters the University after having been suspended will begin a new term of probation. The conditions of that academic probation are those listed above. Students who have been granted relief through the suspension appeal process may have additional conditions imposed on them. Students will be notified of any additional conditions by letter. When a student is granted relief from academic suspension through the appeal process, the suspension is not removed from the permanent record, but continues to appear on the record and to count as one of the three academic suspensions a student is allowed.

### ACADEMIC GRIEVANCES

The University of South Carolina Upstate is committed to the judicious, fair and impartial resolution of conflicts which arise between an instructor and a student and of petitions from students who seek relief from university regulations related to their academic work. The process is designed to provide an objective review of student complaints regarding academic grievances, including acceptance into a program (for example, nursing or education), transfer credit, grades and other academic policies. Copies of the Academic Grievance Policy and the appeal form are available in the Records Office. Instructors are not bound by the grade appeal recommendations. Students wishing to appeal academic suspension should follow the procedure under "Academic Suspension Appeals Process."

### TRANSFER CREDIT

Students wishing to transfer to USC Upstate should refer to the admissions section on of this catalog. All official transcripts must be sent directly to USC

Upstate from each institution the student has attended, including summers, transient or concurrent enrollment, whether or not the credit is earned or applies to the degree sought. All work will be used in the calculation of the collegiate GPA.

### TRANSIENT CREDIT

Degree-seeking students at USC Upstate are expected to follow the progression of courses described in their program of study, which builds academic skills through course sequencing. Students enrolled as degree-seeking candidates will receive a degree from USC Upstate and thus are expected to complete course work at USC Upstate. Continuing students are permitted to take courses at other institutions; however, not all courses offered at other colleges and universities are transferable and some may not count toward a student's degree program. Students seeking transfer credit must complete the following prior to enrollment:

- Obtain a Transient/Concurrent Enrollment form from a division office, dean's office or the Records Office website;
- Obtain approval signatures from the student's advisor and dean on the Transient Credit Form; and
- Submit the completed Transient Credit Form to the Records Office.

### To obtain transient credit for a course completed at another institution, students must:

- Earn a minimum course grade of C for courses completed at all non-USC system schools; and
- Request an official transcript from the transient institution be sent to the USC Upstate Records Office.
- As noted in the residency policy, the last 25 percent of the semester hours of the degree program must be completed in residence at USC Upstate.

### CREDIT BY EXAMINATION, MILITARY CREDIT, AND CREDIT FOR NON-COLLEGIATE PROGRAMS

Students with a strong background in a variety of basic subjects may be able to exempt courses and receive credit hours for courses based on their scores on Advanced Placement (AP), International Baccalaureate (IB), German Abitur, College Level Examination Program (CLEP), American College Testing Proficiency Examination Program (ACT PEP), Defense Activity for Nontraditional Educational Support (DANTES), or by successfully passing a course challenge examination prepared at USC Upstate. Students may also seek credit for military schooling or training offered by certain non-collegiate organizations. Normally, a maximum of 30 semester hours earned in any combination of correspondence courses, AP, IB, German Abitur, CLEP, ACT PEP, DANTES, USC Upstate institutional credit by examination, military and other service schools, educational programs of non-collegiate organizations, off-campus extension classes, or while classified as a special student are accepted as partial fulfillment of the requirements for the baccalaureate. Exceptions to this 30-hour rule may be made at the discretion of the dean of the appropriate college or school. Students planning to pursue work at other institutions or planning to take correspondence courses or off-campus extension classes must complete this work before attaining senior classification (see academic residency requirements.)

AP, IB, German Abitur, CLEP, ACT PEP, DANTES, and USC Upstate institutional credit by examination do not enter into calculation of students' GPA. USC Upstate accepts many, but not all, AP, IB, CLEP and ACT PEP, and DANTES

subjects. Transfer students with AP, IB, CLEP, ACT PEP, or DANTEs credits in subjects not listed below must submit those credits to the dean of the appropriate school for review. Students are not allowed to earn CLEP, ACT PEP, DANTEs and/or USC Upstate institutional credit by examination for courses in which they have been previously enrolled either regularly or as an auditor.

### **ADVANCED PLACEMENT (AP)**

All Advanced Placement courses and tests are administered by high schools and should be completed successfully before entering USC Upstate. An entering student who has passed 30 hours of AP credit may be granted sophomore standing upon enrollment. In order to receive credit for courses, students must have an original AP score report sent directly to the USC Upstate Records Office. The Advanced Placement courses accepted by USC Upstate are:

#### **Government & Politics: United States**

Three credits for POLI U101 with a minimum score of 3.

#### **Art History**

Three credits for ARTH U101 with a minimum score of 3.

#### **Studio Art: Drawing**

Three credits for ARTS U110 with a minimum score of 3.

#### **Studio Art: 2-D Design**

Three credits for ARTS U103 with a minimum score of 3.

#### **Studio Art: 3-D Design**

Three credits for ARTS U104 with a minimum score of 3.

#### **Biology**

Eight credits for BIOL U101 and U102, including laboratory credit, with a minimum score of 3.

#### **Calculus AB and Calculus AB Subscore**

Four credits for MATH U141 with a score of at least 3.

#### **Calculus BC**

Eight credits for MATH U141 and U142 with a score of at least 3.

#### **Chemistry**

Four credits for CHEM U111 with a score of 3; eight credits for CHEM U111 and U112 with a score of 4 or 5.

#### **Chinese Lang. & Culture or Japanese Lang. & Culture**

Four hours of university credit with a score of 3. Eight hours of university credit with a score of 4 or 5.

#### **Government & Politics: Comparative**

Three credits for POLI U320 with a minimum score of 3.

#### **Computer Science A**

Three credits in CSCI U200 with a minimum score of 3.

#### **Computer Science Principles**

Equivalent to CSCI U138 or U150 with a score of 3 or higher.

#### **English Language and Composition and English Literature and Composition**

See chart at end of listing.

#### **Environmental Science**

Three credits for BIOL U270, Environmental Science, with a score of 3 or better.

#### **European History**

Three credits selected for HIST U101 with a score of 3.

#### **French, German, Italian and Spanish Language**

Six credits for U101 and U102 level courses with a score of 3 or 4. Nine credits for U101, U102 and U201 with a score of 5.

#### **Human Geography**

Three hours of GEOG U103 with a minimum score of 3.

#### **Latin-Vergil**

Four hours of university credit with a minimum score of 3. Seven hours of university credit with a score of 4 or 5.

#### **Macroeconomics**

Three credits for ECON U221 with a minimum score of 3.

#### **Microeconomics**

Three credits for ECON U222 with a minimum score of 3.

#### **Music Listening & Literature**

3 credits for MUSC U110 with a score of 3 or better.

#### **Music Theory**

Three hours of university credit with a minimum score of 3.

#### **Physics 1**

Four credits for PHYS U201 with a minimum score of 3

#### **Physics 2**

Four credits for PHYS U202 with a minimum score of 3.

#### **Physics C: Mechanical**

Four credits for PHYS U211 with a minimum score of 3.

#### **Physics C: Electricity and Magnetism**

Four credits for PHYS U212 with a minimum score of 3.

#### **Psychology**

Three credits for PSYC U101 with a minimum score of 3.

#### **Spanish Literature**

Six credits for SPAN U101 and U102 with a score of 3. Twelve credits for SPAN U102, U201, U202, and U301 with a score of 4 or 5.

#### **Statistics**

Three credits for ECON U291, MATH U102 or SOCY U201 with a minimum score of 3.

#### **United States History**

Three credits for HIST U105 with a score of 3 or 4; six credits (three for HIST U105 and three for HIST U106) with a score of 5.

#### **World History**

Three credits for HIST U102 with a score of 3 or 4; six credits (three for HIST U101 and three for HIST U102 with a score of 5).

<b>AP Exam</b>	<b>Score 3 Credit</b>	<b>Score 4 Credit</b>	<b>Score 5 Credit</b>
<b>English Language and Composition</b>	ENGL U101 (3)	ENGL U101 (3)	ENGL U101& U102 (6)
<b>English Literature and Composition</b>	ENGL U101 (3)	ENGL U101 (3)	ENGL U101 & U102 (6)
<b>Both Language and Composition and Literature and Composition</b>	ENGL U101 & U102 (6)	ENGL U101 & U102 (6)	ENGL U101 & U102 (6)

### **INTERNATIONAL BACCALAUREATE (IB)**

USC Upstate recognizes the academic rigor of the International Baccalaureate (IB) Diploma Program. Students may be awarded college credit for completion of higher-level IB examinations, as determined by the appropriate academic schools or divisions. All International Baccalaureate (IB) courses and examinations are administered by high schools and should be completed successfully before entering USC Upstate. In order to receive credit for higher-level IB examination scores, students must ask that official IB examination results be sent directly to the USC Upstate Admissions Office. Minimum scores for awarding credit for IB examinations are determined by academic units responsible for course content.

### **GERMAN ABITUR**

Students may be awarded college credit for examination scores of 10 or higher (15-point scale) on the individual subject exams of The German Abitur. Credit will be based on an evaluation of examination scores on the individual subjects by academic units responsible for course content.

### **COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)**

Credit for subjects in which students are knowledgeable, but have no class standing, can be gained through successful completion of the CLEP tests.

Credit earned in CLEP may be applied to any program where the course normally would be accepted as earned credit. CLEP credit is not granted for courses that have been failed previously, nor does CLEP credit raise a grade earned previously in any course. Repeat examinations are not allowed. USC Upstate does not give credit for the CLEP general examination.

#### **The CLEP examinations accepted by USC Upstate are:**

**American Government** / Three credits for POLI U101 with a satisfactory essay and minimum score of 65 on the objective section.

**American Literature** / Three credits for ENGL U279 or U280 with satisfactory completion of the essay section and a minimum score of 55 on the objective section.

**Analyzing and Interpreting Literature** / Three credits for ENGL U102 with a satisfactory essay and a minimum score of 59. Credit is given after completion of ENGL U101 with a C or higher. If CLEP examinations for both Composition and Literature are successfully completed, six hours of credit for ENGL U101 and U102 are awarded upon passing any 300 or higher level English with a grade of C or better.

**Biology** / Eight credits for BIOL U101 and U102, including laboratory credit

with a minimum score of 63.

**Introductory Business Law** / Three credits for ACCT U347 with a minimum score of 57.

**Calculus** / Four credits for MATH U141 with a minimum score of 60.

**Chemistry** / Four credits for CHEM U111 with a minimum score of 63.

**College Algebra** / Three credits for MATH U126 with a minimum score of 63.

**Financial Accounting** / Three credits for ACCT U225 with a minimum score of 50; 6 credits for ACCT U225 and U226 with a minimum score of 55.

**Freshman College Composition** / Three credits for ENGL U101 with a satisfactory essay and a minimum score of 59 on the objective section. Credit is awarded after completion of ENGL U102 with a grade of C or better.

**Principles of Management** / Three credits for MGMT U371 with a minimum score of 56.

**Principles of Marketing** / Three credits for MKTG U350 with a minimum score of 55.

**Introductory Sociology** / Three credits for SOCY U101 with a minimum score of 56.

**Principles of Macroeconomics** / Three credits for ECON U221 with successful completion of the essay section and a minimum score of 54 on the objective section.

**Principles of Microeconomics** / Three credits for ECON U222 with successful completion of the essay section and a minimum score of 54 on the objective section.

**Introductory Psychology** / Three credits for PSYC U101 with a minimum score of 54.

### **EXCELSIOR COLLEGE EXAMINATIONS AND UEXCEL CREDIT-BY-EXAM PROGRAMS**

Credit for subjects in which students are knowledgeable, but have no college credit, can be gained through successful completion of the Excelsior College's exclusive series of examinations. USC Upstate students may earn up to 30 semester hours via ECE and UExcel exams. Students wishing to take these tests should contact their chair or dean to determine if the test is acceptable.

### **DEFENSE ACTIVITY FOR NONTRADITIONAL EDUCATION SUPPORT (DANTES)**

Credit for subjects in which students are knowledgeable, but have no class standing, can be gained through successful completion of the DANTES tests. The DANTES Program is a testing service conducted by Thompson Prometric for DANTES, an agency of the Department of Defense.

Credit earned in DANTES may be applied to any program where the course normally would be accepted as earned credit. DANTES credit is not granted for courses that have been failed previously, nor does DANTES credit raise a grade earned previously in any course. Repeat examinations are not allowed. Students wishing to take DANTES tests should contact counseling services for the necessary applications and notify their faculty advisor of their intention to take the test. The DANTES examination accepted by USC

Upstate is: *Lifespan Developmental Psychology*: Three credits for PSYC U302 with a minimum scaled score of 46.

### **INSTITUTIONAL CREDIT BY EXAMINATION**

Students enrolled in the University may obtain credit by examination for courses in which they have had no class attendance or semester standing. However, permission must be obtained from the dean of the college or school involved. A grade of not less than B on the examination is necessary to receive credit for the course. Examinations are not permitted in courses in which students previously have enrolled either regularly or as an auditor. Before the examination, applicants must obtain departmental approval, pay a fee of \$25 per semester hour to Admissions and then take the exam. This fee is non-refundable. The dean/chair immediately reports the results of the examination to the Records Office. Credits earned under this regulation are recorded only as hours earned.

### **MILITARY SERVICE SCHOOL CREDIT**

Following enrollment, a student may obtain credit for experiences in the armed services. In order to receive credit the student must have an American Counsel in Education Registry Transcript. Students who feel they qualify should contact the Records Office, Veteran's Affairs coordinator.

Following a review by the Records Office using *A Guide to the Evaluation of Educational Experiences in the Armed Services*, a recommendation for credit is made to the dean of the student's major area. The final decision as to the credit awarded is made by the dean of the school in which the student is enrolled.

### **CREDIT FOR NON-COLLEGIATE PROGRAMS**

USC Upstate will consider credit awarded for non-collegiate educational programs as recommended by the American Council on Education. Documentation is required. Final determination is made by the dean of the college or school in which the student is enrolled.

### **EXEMPTION CREDITS FROM A TECHNICAL COLLEGE**

The Advanced Manufacturing Management (AMM) major and the Engineering Technology Management (ETM) major at USC Upstate will accept exemption credits for technical courses awarded by any regionally accredited two-year technical college. The total of all technical transfer credits, including exemptions, may not exceed the technical transfer credit maximum allowed for the ETM or AMM degrees. The exemption credits will only apply toward the AMM and ETM degrees and may not be transferred to another major.

## **GRADING SYSTEM**

### **GRADE SYMBOLS**

The grading system outlined below is in effect for all students at the University. Under this system, undergraduate course credit is granted only for earned grades of A, B+, B, C+, C, D+, D or S. Any of the following symbols (except NR) become a permanent part of students' academic records when assigned.

A, B, C, D and F carry the traditional academic connotations of excellent, good, average, poor and failing performance, respectively.

S and U indicate, respectively, satisfactory (passing) and unsatisfactory (failing) performance in courses carried on a pass-fail basis, as indicated in the course description, or in courses for which the pass-fail option is elected under the conditions detailed in the section entitled Pass-Fail Option. The grades of S and U do not enter into the calculation of the GPA nor are they

used in evaluation for probation or suspension.

FN (Failure-Non Attendance) and UN (Unsatisfactory-Non Attendance) grades are assigned to students who never attended or have stopped attending class but have not officially dropped or withdrawn. Faculty are required to provide a last date of attendance when assigning this grade. The grade and the last date of attendance are used in determining the recalculation of awarded funds for financial aid recipients. Reporting the last date of attendance is critical to avoid potential financial liability for the institution.

FN and UN grades are displayed and calculated as F and U grades on the official transcript.

W is assigned for withdrawals after late registration through the last day to withdraw without penalty. W may be assigned, in exceptional cases, to indicate satisfactory performance in courses from which students withdraw after the last day to withdraw without penalty. The grade is used primarily in cases of withdrawal from the University or course withdrawal for medical reasons or other extenuating circumstances. See the catalog section on "Changes of Registration" for an explanation of the procedures necessary for the assignment of this grade. A grade of W is not used in the evaluation of probation or suspension conditions or GPA computation.

WF is assigned for withdrawal from a course after the last day to withdraw without penalty and is treated as F in the computation of GPA and in the evaluation of probation and suspension conditions.

"I," incomplete, is assigned at the discretion of the instructor when, in the faculty member's judgment, a student is faced with a significant disruption in his or her ability to complete some portion of the assigned work in a course. The grade of "I" cannot be used to give students additional time to complete course assignments unless there is strong, clear evidence that stated conditions or events prevented the student from submitting course assignments when they were due. The faculty member must complete the *Assignment of Incomplete Form* as part of grade submission. By arrangement with the instructor and according to the conditions on the required form entered by the instructor, the student may have from one week up to 12 months from the date the "I" was given—in no case can this be longer than 12 months—to complete and submit the work. It is the responsibility of the student to ensure all arrangements for removal of the "Incomplete" have been made and that all work to rectify the "Incomplete" has been accomplished. If the instructor of record is no longer at USC Upstate, the student should, within the time specified on the incomplete grade form, transmit copies of all necessary materials to that instructor by certified return receipt mail. If the instructor fails to assign a grade within three months of the date of the request, if no forwarding address is available, the dean of the appropriate school or chair of the appropriate department/division shall appoint a faculty member to consider the request and assign a grade. When all required work has been completed and received, the instructor may initiate the appropriate "Make-up Grade for Incomplete" form and file it with the Records Office. If the student does not complete the necessary work by the agreed upon and stated deadline, the faculty member can submit a permanent grade change at that time. Automatically at the one year limit, the "I" will convert to an "F" or to a back-up grade if so designated by the instructor. The changing of an "I" to a letter grade requires notification and processing at various administrative levels. It may take several weeks before the letter grade and credits earned appear on the students's transcript, and in some cases, may delay approval

for graduation. The grade of "I" does not affect the computation of GPA until a permanent grade is assigned. Students who receive an "I" must not register for the same course nor can they later withdraw from the course.

AUD indicates the student was enrolled in a course on an audit basis.

NR, no record, is assigned by an instructor to indicate a registration or attendance problem. It is a temporary mark on the transcript and must be replaced by a grade. An NR is changed to a grade of F after one semester if no other grade can be obtained from the instructor by the appropriate dean. X on the transcript before a grade denotes an Honor Code violation.

### **GRADE POINT AVERAGE**

The grade point average is computed on the basis of all semester hours attempted for credit within the University of South Carolina, except for hours carried on a pass-fail basis. The GPA is not affected by courses taken on a non-credit or audit basis.

The grade points earned in courses carried with a passing grade are computed by multiplying the number of semester hour credits assigned to the course by a factor determined by the grade. For courses in which the grade of A is earned, the factor is 4; for B+, 3.5; for B, 3; for C+, 2.5; for C, 2; for D+, 1.5 and for D, 1. The grade point average is determined by dividing the sum total of all grade points by the total number of hours attempted for credit (excepting hours carried on a pass-fail basis). No grade points are assigned to the symbols F, S, U, WF, W, I, AUD or NR.

### **GRADE REPORTS**

At the end of each semester, students may access final grades through Self Service Carolina on the USC Upstate website.

### **COURSE GRADE FORGIVENESS**

It is the policy of the University of South Carolina that every currently enrolled, fully-admitted, degree-seeking undergraduate earning a D+, D, F or WF in a USC course may take up to two (2) undergraduate courses for a second time for the purpose of grade forgiveness. Both the first and second grades shall appear on the USC permanent record, but only the second grade will be used in computing the University of South Carolina overall grade point average. An explanatory notice will appear on the record. Once grade forgiveness is applied to a repeated course, the action may not be revoked.

Eligible students wishing to apply the course grade forgiveness policy to a course enrollment may do so at any time during their undergraduate enrollment, but no applications will be honored after the degree is awarded. Grade forgiveness can only be applied once per course for a maximum of two courses (not to exceed 8 credits) on a student's undergraduate academic record, without regard to the number of degrees sought. Under the grade forgiveness policy, the forgiven and repeated class must both be taken at the same USC campus. Courses transferred from other institutions are excluded from this policy.

This policy does not preclude students from repeating classes multiple times, in accordance with program requirements, but only the second attempt at the class may forgive the original grade of D+, D, F, or WF.

Only a regular letter grade can replace a forgiven grade. Grades of W, I, S, U, or AUDIT may not replace previous grades. Grades carrying an honor code violation sanction of X are not eligible for grade forgiveness.

Established requirements for repeating classes, admission to, or progression

in, specific academic programs of the University take precedence over the grade forgiveness policy. Program or progression grade point averages are not affected by this policy. Refer to the guidelines for each program for specific requirements.

Courses intended to be repeated for additional credit, such as research or applied music, are not eligible for grade forgiveness. Semester honors (dean's or president's honor list), academic standing (scholastic deficiency, probation, suspension), or previous grade point totals will not change retroactively as a result of applying this policy.

Students who have been granted Academic Forgiveness to reset the grade point average after readmission are not eligible for course grade forgiveness. Please refer to the bulletin entry for Academic Forgiveness.

### **TRANSCRIPTS**

A transcript of students' records carries the following information: current status, a detailed statement of the scholastic record showing courses pursued with semester hours carried, semester hours earned, grades, grade points, and system of grading. A permanent record of all failures, incomplete grades and penalties such as probation, suspension or other restrictions are also indicated. The transcript also contains references to other colleges or universities attended and the total credits accepted by USC Upstate. No partial record is issued.

All requests for transcripts must be written. Students needing a copy of their transcript or a certified copy of the end-of-semester grade report must request their transcripts through Self Service. All official transcripts are processed through USC Columbia. Transcript costs are \$12.00 for each copy. No transcript is issued to students who are indebted to the University.

With the exception of copies made for internal University use, no copy of a student's records is released anywhere (including the state department of education) without the student's written consent, unless required by law or court order.

### **ACADEMIC FORGIVENESS**

A former USC undergraduate student who meets all of the following conditions may apply for academic forgiveness:

1. The student must have an overall GPA of less than 2.0 on all University of South Carolina course work.
2. The student was not enrolled at any University of South Carolina campus for at least 48 months.
3. The student must be readmitted to a degree program at the University of South Carolina and must complete at least 24 hours of approved graded course work prior to applying for academic forgiveness.
4. After readmission to the University, the student must earn an overall GPA of at least 2.0 and meet the progression requirements of his or her degree program.
5. The student has not previously been granted academic forgiveness.

A student who has met these conditions and desires academic forgiveness must submit a written request for academic forgiveness to the dean of the school in which the student is enrolled. After verification of the student's eligibility, the dean shall inform the registrar that academic forgiveness has been granted to the student.

Once academic forgiveness has been granted, the following apply to the

student's academic record:

1. All curriculum requirements will be in accordance with those in force at the time of or subsequent to the student's readmission.
2. The student may not receive academic honors upon graduation.
3. The student's grade point average is recalculated beginning with the semester in which the student was readmitted to the University.
4. Courses in which the student received a passing grade prior to readmission and the granting of academic forgiveness may, at the discretion of the student's school, be used for academic credit, but are not used in the calculation of the grade point average.
5. The following statement shall appear on the academic record of any student granted academic forgiveness: "This student was granted academic forgiveness under the University of South Carolina Academic Forgiveness Program. No courses taken prior to (date of re-admission) are used in the calculation of the GPA, but those in which the student received a passing grade may be used to meet degree requirements."
6. The permanent academic record will remain an unmodified record of all work attempted at the University of South Carolina.
7. An overall GPA of 2.0 is required on all work following academic forgiveness for purposes of graduation.

### CLASSIFICATION OF STUDENTS

Classification of students is based on the total number of semester hours earned. A student with less than 30 hours is considered a freshman. A student must have earned 30 semester hours to be classified as a sophomore, 60 for classification as a junior, and 90 for classification as a senior. Students are classified at the beginning of each semester.

## ACADEMIC HONORS

### HONOR LISTS

Each semester, academic achievement is recognized by entering students' names on the chancellor's honor list and the dean's honor list. The chancellor's honor list requires a GPA of 4.0 earned on a minimum of 12 credited semester hours. The dean's honor list requires a grade point average of 3.5 or higher earned on a minimum of 12 credited semester hours. No course carried on a pass-fail basis is counted toward the 12 hours required for either the Chancellor's or Dean's Lists.

### GRADUATION WITH HONORS

Graduation with honors will be based on a student's "Total Institution" GPA (in the USC System). Honors designators are determined at the time of graduation and may not be applied retroactively. To graduate with such honors, a student must have earned at least 60 credit hours applicable to the degree in residence in the USC System. Courses taken as a transient student at other institutions, by correspondence, by examination, or by exemption are not considered "in residence." The following designations indicate a consistently high level of academic achievement in the USC System:

*Summa cum Laude:* An overall and USC GPA of 3.95-4.00

*Magna cum Laude:* An overall and USC GPA of 3.75-3.94

*Cum Laude:* An overall and USC GPA of 3.50-3.74

For purposes of the graduation ceremony and program, academic honors are calculated on the student's previous semester.

### HONOR SOCIETIES

Students whose records demonstrate superior academic achievement may be invited to join several honor societies chartered on the USC Upstate campus. These organizations exist not only to recognize outstanding students but also to promote academic achievement in all areas of the University.

**Alpha Kappa Delta**, the International Sociology Honor Society, was founded in 1920. The Mu Chapter at USC Upstate was chartered in 2009. AKD recognizes students with outstanding academic achievements in sociology. Because the mission statement of AKD is "To investigate humanity for the purpose of service," students also engage in a number of service activities throughout the year. To be a member, students must be a sociology major or minor, have junior standing (completed at least 60 hours), have a grade point average of 3.0 or higher – both overall and in sociology, and must have completed at least four sociology courses at USC Upstate.

In 2005, the University of South Carolina Upstate was granted a chapter of **Alpha Sigma Lambda** National Honor Society, the oldest and largest honor society devoted to the recognition of non-traditional students pursuing higher education. Alpha Sigma Lambda National Honor Society was established in 1945 to honor superior scholarship of non-traditional students.

**Alpha Mu Gamma**, the National Collegiate Foreign Language Honor Society, was founded in 1931 with the primary purpose of honoring students for outstanding achievement in foreign language study during college. Activities of the society are: biennial national conventions, regional conferences, chapter meetings and special chapter activities like sponsorship of National Foreign Language Week.

**Beta Gamma Sigma** is the international honor society serving business programs accredited by AACSB International - The Association to Advance Collegiate Schools of Business. The mission of Beta Gamma Sigma is "to encourage and honor academic achievement in the study of business, to foster personal and professional excellence, to advance the values of the Society, and to serve its lifelong members." Membership in Beta Gamma Sigma is by invitation only and is limited to seniors and rising seniors who are in the top 10 percent of their class, who have completed 30 or more semester hours in residence at USC Upstate and at least nine hours of the JCBE Upper Level Core.

A chapter of **Gamma Beta Phi** National Honor Society was chartered at USC Upstate in 1978. Membership is open to students who rank in the top 15 percent of their class and who have completed 15 or more semester hours in residence at USC Upstate.

A chapter of **Kappa Delta Pi**, a national education honorary fraternity, was established at USC Upstate in the spring of 1978. It is open to juniors and seniors who have outstanding academic records and a strong commitment to the profession of education.

The **Mu Rho Chapter of Sigma Theta Tau**, the International Honor Society for Nursing, was chartered in March 1992. Membership is open to BSN students in the top 35 percent of the senior class with a minimum GPA of 3.0. This academic society strives to promote excellence and the advancement of nursing knowledge, research and leadership.

**Omicron Delta Kappa** is a leadership and scholarship honor society affiliated with Omicron Delta Kappa National fraternity. Membership is open to



juniors and seniors who rank in the top 20 percent of their class and who meet chapter criteria for leadership and service to the campus.

**Phi Kappa Phi**, dedicated to the recognition and promotion of academic excellence in all fields of higher education, is the nation's oldest and largest all-discipline honor society. Membership in Phi Kappa Phi is by invitation only. Those invited to membership include the top 7.5 percent of last-term juniors and the top 10 percent of seniors, along with outstanding graduate students, faculty, professional staff, and alumni.

**Pi Sigma Alpha** is the national political science honor society. The Nu Kappa chapter was chartered at USC Upstate in 1982. Membership is open to students who attain a B average, both overall and in political science courses. Applicants must have completed 10 semester hours in political science and be ranked in the upper third of their college class.

**Psi Chi**, the National Honor Society in Psychology, was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. The chapter at USC Upstate was chartered in 1993. To be eligible for membership, students must be psychology majors (or IDS bi-disciplinary psychology majors) who have completed at least three semesters of college work including nine hours of psychology. Eligible students must rank in the top 35 percent of their class and have a minimum GPA of 3.0 in psychology courses.

## GRADUATION

### REQUIREMENTS AND PROCEDURES

Applicants for graduation are urged to confer with the appropriate chair or dean about their major program and degree requirements before the beginning of their last semester of residence at USC Upstate.

**Academic Residency Requirements.** The last 25 percent of the semester hours of the degree program must be completed in residence at the University. In residence means that students are regularly enrolled in the University, are members of a class which is supervised by a faculty member of USC Upstate, and in other ways conform to the requirements that are normally connoted by the term in residence. In residence requirements may not be met by courses for which credit is earned by exemption or examination or courses for which transfer credit was awarded. Students who have not established credit for the prescribed number of hours in residency are not eligible for graduation.

**Residency Requirements in the Major.** To receive a degree, students must complete at least 12 semester hours of major course credit at USC Upstate or at other campuses in the USC system.

**Degree Applications.** Candidates for degrees must complete applications online prior to the last academic term before graduation with the Records Office. Applications must be filed according to the deadlines published. In order to graduate for the term applied for, all academic work, including transfer credit, exemption exams and make up of incompletes, must be received in the Records Office prior to the end of the semester. Students who have applied for graduation but did not meet degree requirements must re-apply for a subsequent term.

Semester Graduating	Applications	Applications due in Records Office; last day to apply	Ceremony
May (walk in May)	December 15	February 15	May
<i>All course work completed by the end of the spring semester.</i>			
August (walk in May)	May 15	June 15	May
<i>All course work completed by the end of summer session E.</i>			
December (walk in December)	August 15	October 15	December
<i>All course work completed by the end of fall semester.</i>			

**Graduation Requirements.** Students submit to their dean a list of courses meeting all regulations and requirements of their school and major department which they claim for graduation and for which their overall GPA and their GPA on USC system course work is at least 2.0. This list, after verification, forms the basis for the dean's approval or rejection of students' applications for graduation. (This list contains only the courses in which students have performed at or above the required level. The list need not contain all courses attempted or passed, but only those which students wish to submit in fulfillment of graduation requirements.) Students who have been granted academic forgiveness must have an overall GPA of at least 2.0 since returning to USC Upstate. A minimum grade of C is required for any course submitted for fulfillment of general or intensive major requirements in most degree programs. Exceptions to this requirement are noted in the description of each academic program. The USC system does not grant degrees retroactively. Therefore, all academic requirements, including the making up of incompletes or posting of transient credit, must be on the academic record prior to the end of the term in which the student is attempting to graduate.

### SECOND UNDERGRADUATE DEGREE

At times the University confers a second undergraduate degree upon candidates who have completed all requirements for the desired degree. A second degree is awarded provided that the additional requirements for the second degree include a minimum of 18 semester hours beyond those required for the first degree. Students may pursue both degrees simultaneously. A separate application is required for each USC Upstate degree.

## STUDENT RESPONSIBILITY

The *USC Upstate Student Handbook* contains additional rules and regulations as well as the Code of Academic Responsibility. Students are responsible for obtaining a copy of the handbook from the Student Affairs Office upon registration.

## NOTIFICATION OF STUDENT RIGHTS UNDER FERPA

The Family Educational Rights and Privacy Act (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 request for access.* Students should submit to the registrar, dean, head of the academic division, or other appropriate official, written requests that identify the record(s) they wish 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.* Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identifying the part of the record they want changed, and specify why it 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.* The University of South Carolina will disclose information from a student's education records only with the written consent of the student, except:

- (a) 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; a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); 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.
- (b) To officials of other institutions in which the student seeks or intends to enroll provided that the student has previously requested a release of his/her record;
- (c) To authorized representatives of the U.S. Department of Education, the Comptroller General of the United States, state educational authorities, organizations conducting studies for or on behalf of the University, and accrediting organizations;
- (d) In connection with a student's application for, and receipt of, financial aid;
- (e) To comply with a judicial order or lawfully issued subpoena;
- (f) To parents of dependent students as defined by the Internal Revenue Code, Section 152;
- (g) To appropriate parties in a health or safety emergency; or
- (h) To the alleged victim of any crime or violence of the results of any disciplinary proceedings conducted by the University.
- (i) The University may disclose the result of a disciplinary proceeding to a parent or guardian so long as the student is under the age of 21 at the time of the incident and the proceeding has resulted in a violation of University drug or alcohol policies, or any federal, state, or local law.
- (j) To students currently registered in a particular class, the names and e-mail addresses of others on the roster may be disclosed in order to participate in class discussion.

The University of South Carolina has designated the following items as

**directory information:**

- Name
- Dates of Attendance
- Campus
- College or School
- Classification
- Primary Program of Study
- Full-time or Part-time Status
- Degree(s) Awarded Including Dates
- Honors and Award Including Dean's and President's List
- University Email Address
- City, State, and Zip Code Associated with a Student's Permanent Address

The University may disclose any of these items without prior written consent, unless the student has submitted a written request to the Office of the Registrar not to release directory information pertaining to them. Requests will be processed within 24 hours after receipt. Directory information will be withheld from student directories and telephone books only if notification is received prior to the publication of these documents. The electronic directory is updated each weekend; requests for non-disclosure will be honored with the next update after the request is processed by the staff of the Office of the Registrar.

(4) *The right to file a complaint with the U.S. Department of Education concerning alleged failures by the 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, 600 Independence Avenue, SW, Washington DC 20202-4605.

**Questions concerning this law and the University's procedures concerning release of academic information may be directed to the Office of the Registrar at 864-503-7646.**

# ACADEMIC PROGRAMS

## CURRICULA

The curricula established for all bachelor's degrees include, usually, a set of courses that fulfill the general education requirements, a set of courses that comprise a departmental major, a set of courses that comprise a cognate or minor, and several elective courses.

## GENERAL EDUCATION

A competency based general education program offers students a common academic experience and stimulates an appetite for lifelong education while serving the overarching purposes of general education—to collect and evaluate information, integrate and draw conclusions from this information, and communicate this new knowledge to others—providing students with the skills and abilities necessary to becoming responsible citizens. A competency based system is predicated on outcome-based education and the concept of focusing and organizing learning around what is essential for all students to be able to do successfully at the end of their learning experiences.

A set of general education requirements is included in each baccalaureate program. The purpose of such requirements is to provide a broadly based education foundation upon which an area of specialization may be developed. For this reason, students are encouraged to select various courses outside their major area of study. To help ensure common educational competencies and skills in all students, the faculty has adopted: A) a set of general education competencies—the fundamental skills students will possess upon graduation from the University, and B) a general education course distribution—the courses a student must take to gain these competencies—that apply across all curricula of the University. However, the options provided in the general education course distribution have been limited and structured to meet the needs of each major. **Students are, therefore, advised to follow the specific requirements listed in the catalog under the individual majors.**

### A. General Education Competencies

**Competency 1:** The USC Upstate graduate should demonstrate an ability to communicate in English, both orally and in writing.

- 1.1 Students are able to create and deliver coherent, grammatically correct oral presentations.
- 1.2 Students are able to create coherent, grammatically correct written responses to prompts and questions.

**Competency 2:** The USC Upstate graduate should demonstrate an understanding of and an ability to apply scientific investigation and quantitative and logical reasoning.

- 2.1 Students demonstrate an ability to apply scientific reasoning by drawing appropriate conclusions from scientific data.
- 2.2 Students demonstrate an ability to apply quantitative and logical reasoning by producing solutions to or analyses of appropriate problems.

**Competency 3:** The USC Upstate graduate should be able to integrate and critically evaluate information.

- 3.1 Students are able to evaluate strengths and weaknesses of varying points of view.
- 3.2 Students demonstrate the ability to distinguish between pertinent and irrelevant information.

**Competency 4:** The USC Upstate graduate should understand and demonstrate an awareness of distinctive features of language and cultures.

- 4.1 Students demonstrate knowledge of linguistic and cultural diversity and contributions of such diversity to society.

**Competency 5:** The USC Upstate graduate should demonstrate responsible and appropriate use of information technologies.

- 5.1 Students are able to gather and correctly process information through appropriate use of technological tools.
- 5.2 Students demonstrate the ability to use information technologies to communicate information to others.

### B. General Education Course Distribution\*

The general education requirements listed below are incorporated into all majors at USC Upstate. This distribution represents a minimum level of introduction to various subdivisions in the liberal arts, providing a common educational experience for all USC Upstate graduates. A course may be used to satisfy only one general education requirement.

**I. Communication ..... 9**  
*English U101, U102, Speech U201*

**II. Mathematics, Logic & Natural Science 10-19** *Must include at least one math class and one science with associated lab.*

**III. Information Technology ..... 3**

**IV. Fine Arts, Humanities & History ..... 6-15**  
*Must include one fine arts and one history class.*

**V. Foreign Language & Culture ..... 3-9**  
The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in electives, if hours are required by their degree program.  
*Note: courses supporting the competency will be allowed to submit requests to be included in the course distribution for this competency.*

**VI. Social & Behavioral Sciences ..... 3-9**

**VII. General Education Electives ..... 0-9**

**Total General Education Requirement ..... 43 hours**  
**\*For specific courses that meet the major's distribution requirement, consult the degree worksheets.**

**ASSESSMENT PARTICIPATION**

USC Upstate is committed to offering programs and activities that encourage students to develop both academically and socially. In order to evaluate and continuously improve the effectiveness of our efforts, faculty, administrators, and staff conduct ongoing assessments. Also, many of the University's assessment activities are mandated by external agencies. Consequently, student, faculty, and staff participation in assessment activities is a University priority and responsibility.

Therefore, all students wishing to receive a degree from USC Upstate are required to participate in assessments of general education competencies, their major and/or area of concentration, and other programs and activities sponsored by the University. If a student fails to participate in a required assessment activity, a hold may be placed on the student's records. The results of any University assessment activity will be reported in aggregate and may not be used for the evaluation of a student's progress in a course or progress toward a degree.

For more information contact the Office of Institutional Effectiveness at 864-503-5854.

**FOREIGN LANGUAGE PLACEMENT POLICY**

I. Admission to the 102 level is reserved exclusively for those who have successfully completed the 101 course or been placed into 102 by the foreign language placement exam.

II. The following table summarizes credit awarded under the Advanced Placement (AP) Program. If a student has taken AP exams but has not yet received his/her results, he/she should register for courses based on assuming AP credit.

<u>Language</u>	<u>Score</u>	<u>Credit Awarded for USC Upstate Course(s)</u>	<u>Credit Hours</u>
French Lang	3,4	FREN U101, U102	6
French Lang	5	FREN U101, U102, U201	9
German Lang	3,4	GERM U101, U102	6
German Lang	5	GERM U101, U102, U201	9
Spanish Lang	3,4	SPAN U101, U102	6
Spanish Lang	5	SPAN U101, U102, U201	9
Spanish Lit	3	SPAN U101, U102	6
Spanish Lit	4,5	SPAN U102, U201, U202, U301	12

IV. Students who are multilingual, who have learned English as a foreign language, or who through family and/or cultural background have strong skills in a foreign language should see the chair of Languages, Literature, and Composition or the coordinator of foreign languages to determine if they will be exempt without credit from the foreign language requirement of their majors. An exemption form will be placed in each student's file and copy sent to records. Such students will, at the discretion of the chair or coordinator of foreign languages, be allowed to take upper division courses in their native language and receive credit.

V. While colleges and universities are not obligated to waive foreign language requirements for students with learning disabilities (according to Section 504 of the Rehabilitation Act of 1973), USC Upstate has made the following provision: students who are certified by the USC Upstate Office of Disability Services as having learning disabilities that may interfere with learning a foreign language, may fulfill their general education requirement in foreign languages by taking a course in English on the history, culture, civilization or literature of a non-English speaking country or countries.

**MAJOR REQUIREMENTS**

Each baccalaureate program includes courses to enable students to specialize in a particular area of interest. A minimum grade of C is required for any course submitted for fulfillment of a major requirement. Exceptions to this requirement are noted in the description of each academic program.

**Senior Seminar**

All baccalaureate programs will include a senior seminar course that will serve as a capstone experience for the program. This experience will allow students to integrate knowledge from their discipline and their General Education Program. Senior seminars must also critically evaluate related ethical issues and have students articulate relevant topics in written and oral presentations. Senior seminars must provide an opportunity for the assessment of program and general education goals. These courses are the culminating experience of students in a particular program and may follow a variety of formats such as student teaching or specific courses.

**COGNATES AND MINORS**

Students seeking degrees in the College of Arts, Humanities and Social Sciences are required to complete either a cognate or a minor. Neither a cognate nor a minor is required for professional degrees, (i.e., nursing, education, and business). Both cognates and minors are concentrated study in an area that complements work in the major. Courses may not be counted toward both a cognate and a minor; however, students may apply up to 8 hours of minor credit toward general education requirements. See each degree program for cognate or minor regulations specific to a degree program.

Students not pursuing a Business degree may earn a maximum of 29 semester hours in Business courses, excluding ECON U221, U222, U291, and U292, providing they meet the course prerequisites and have earned 54 credit hours before enrolling in 300-level and above courses.

**Cognate**

Cognate course requirements are selected by a student and the major academic advisor to meet the unique needs and interests of the individual student. The cognate consists of 12 semester hours of a coherent selection of courses, typically 300-level or higher, approved in advance by the student's major advisor and supporting the course work in the major. A cognate may be from one or more disciplines outside the major field.

Courses usually eligible for consideration as cognate credit include all courses numbered 300 and above, as well as the following:

- BIOL U243, U244, U250
- CSCI U210
- Foreign language U202 and above
- GEOG U200 and above
- MATH U241 and above
- PHIL U200 and above
- PHYS U201 and above

Below is a list of coherent multidisciplinary cognate suggestions; other multidisciplinary cognates may be planned with the advisor.

#### *Possible Multidisciplinary Cognates*

Appropriate internship, topics, or independent studies courses may be used in any multidisciplinary cognate.

**African/African-American Studies:** Courses primarily about Africa, African-Americans, or race relations in art, history, literature, or sociology, including SOCY U333, Race and Ethnic Relations.

**Fine Arts:** U200-level or higher art studio (ARTS), or art history (ARTH); MUSC U111 (no more than 6 credits on the same instrument), U116, U215, U216, U100-level ensembles (no more than 6 credits in the same ensemble), and MUSC U300-level or higher.

**German Studies:** GERM U202, Intermediate German, and higher; HIST U340, Germany Since 1870.

**Business:** MKTG U350: Principles of Marketing; MGMT U371: Organizational Management and Behavior; ACCT U347: Legal Environment of Business; MKTG U351: Consumer Behavior; FINA U369: Personal Finance; MGMT U374: Management of Human Resources; MGMT U390: Business Technology and Information Systems.

**Quantitative Research:** Statistics courses in mathematics; PSYC U402, Experimental Topics in Psychology; SOCY U302, Sociological Research Methods.

**Physical Sciences:** physics, U200-level; chemistry and geology, U300-level or higher.

**Political Philosophy:** political science course in political theory or thought, U300-level or higher including POLI U350, Women and Politics; ethics or history of philosophy, U200-level or higher.

**Women's & Gender Studies:** 300-level or higher courses listed within women's and gender studies (WGST) and courses primarily focused on women in areas such as art, English, history, literature, government and international studies, psychology, sociology, or criminal justice.

#### **Minor**

Minor course requirements are predetermined by academic disciplines or by multidisciplinary committees. The minor should develop a coherent basic preparation in a second field of study or introduce students to the interdisciplinary examination of an important area of learning. It is a minimum of 18 semester hours of prescribed courses with at least 12 semester hours at the 300 level or higher. No more than two courses (up to eight semester hours) may be earned in general education courses. A grade of C or better must be earned in each course used to satisfy the requirements of a minor.

While many degree programs include the option of a minor as part of the degree program, not all degree programs include the option of a minor. Even in these latter programs, however, any student pursuing a Bachelor of Arts or Bachelor of Science degree may also pursue a university-approved minor. Note that particular degree programs may have restrictions on choice of minors. Completing the degree with a minor may require more than the minimum 120 credit hours to graduate.

#### **CERTIFICATES**

Undergraduate certificates are an organized series of courses with fewer requirements than majors or minors. Undergraduate certificates guide students to a set of academic offerings designed to build world- and career-readiness skills.

Undergraduate certificates are available only to students who are concurrently enrolled in baccalaureate degree programs. The certificate and baccalaureate degree are earned simultaneously; the certificate will be awarded along with the baccalaureate degree upon graduation. Courses used to satisfy requirements for the certificate may apply toward a student's general education or program requirements (such as cognate, minor, supporting courses, etc.), but cannot be applied toward the major. Students interested in satisfying the requirements of a certificate simultaneously with a cognate should work closely with their academic advisors to ensure all requirements are met.

Students must complete an Application for Certificate form prior to graduation. Certificates are issued by the chair or dean of the academic program and are recorded on the academic transcript.

#### **Current Certificates:**

Critical Disability Studies Certificate .....	p. 119
Global Competence Certificate .....	p. 106
Women and Gender Studies Certificate .....	p. 119

#### **ELECTIVES**

Most degree programs allow students the opportunity to take a limited number of courses that do not fulfill any specific academic requirements. Normally, any course can be counted as an elective, but some restrictions may be imposed by particular degree programs. Elective credits for participation in group performance music activity courses (MUSC U126, U127, U128, U129, U131, and U327) may be counted up to a maximum of eight credits. Elective credits for special university courses (UNIV) may be counted up to a maximum of six credits.

### **PALMETTO COLLEGE**

USC offers a valuable new pathway to accessible, affordable four-year degrees of the highest quality. Palmetto College offers "anywhere, anytime" higher education to many South Carolinians who would otherwise remain unable to pursue a bachelor's degree.

Currently, only one in four South Carolinians has a bachelor's degree or above, leaving the state ranked 45th nationally. Due to the demand for more college graduates, USC enhances access to higher education in SC quickly and economically by utilizing its system faculty in combination with the latest technology and cutting-edge instructional design.

#### **The Basics**

- Palmetto College offers the final 60 hours of selected degree programs as fully online, asynchronous, distance-delivery courses.
- Degrees are offered by one of USC's four baccalaureate degree-granting campuses.
- Classes are taught by faculty from throughout USC's eight campus system.

#### **The Students**

- Most Palmetto College students are those continuing into four-year

degree programs from USC's two-year regional campus system.

- Returning students who are currently enrolled in the Palmetto Programs initiative
- The Palmetto College is also open to transfer students who have the appropriate degrees, hours earned, and records of academic success.

#### **The Degrees**

- Palmetto College provides the administrative umbrella for the regional campuses and supports all students seeking four-year degrees through one of the aforementioned paths.
- Palmetto College is not a new independently accredited academic unit. Academic accreditations will remain as they currently are (senior campuses independently accredited and regional campuses accredited under USC-Columbia) with the Palmetto College degrees remaining the academic responsibility of the campuses within the system that offer the specific degree.
- USC Upstate offers the following degrees through the Palmetto college pathway:
  - The Bachelor of Arts in Information Management & Systems
  - The Bachelor of Arts in Health Informatics
  - The Bachelor of Science in Criminal Justice
  - The Bachelor of Science in Engineering Technology Management
  - The Bachelor in Science in Nursing for Registered Nurses

#### **The Funding**

The Palmetto College tuition rate is determined by USC's Board of Trustees at USC-Columbia.

For further information about Palmetto College, visit <http://palmetto-college.sc.edu>.

### **SPECIAL PROGRAMS**

#### **PRE-ENGINEERING**

Engineering areas of study include Biomedical, Chemical, Civil, Computer, Electrical, Environmental, and Mechanical engineering. The pre-engineering program at USC Upstate is designed to provide up to one year of general coursework transferable to the USC College of Engineering. Students must transfer to the USC College of Engineering, or other engineering program, by their sophomore year to earn a degree in a specific engineering area of study. Admission to engineering degree-completion programs is competitive and completion of Calculus I with a grade of C+ or higher is required for transfer to the USC College of Engineering. For more information, please contact the chair of the Division of Natural Sciences and Engineering.

#### **HEALTH-RELATED FIELDS**

USC Upstate offers opportunities to students interested in pursuing health-related careers. Advisement tracks are available for pre-chiropractic, pre-medical, pre-dental, pre-occupational therapy, pre-optometry, pre-physical therapy, pre-speech pathology, and pre-veterinary medicine. A four-year baccalaureate degree in the sciences at USC Upstate is typically required before entering most postgraduate professional programs. A student must seek admission to a school that offers the desired professional degree. Entry into these professional programs is on a competitive basis and requirements for each professional program vary.

Specific information on health-related programs may be obtained from the Division of Natural Sciences and Engineering.

#### **PRE-LAW<sup>1</sup>**

USC Upstate provides advisement and information about various law school programs through the chair of History, Political Science, Philosophy and American Studies. Because most law schools do not prescribe a specific curriculum, USC Upstate does not offer a pre-law major. While students interested in law often major in political science, a variety of other disciplines such as history, English, economics, business and math provide excellent backgrounds. Law schools want students who have mastered written and spoken English and who have the ability to analyze and think critically. They prefer a variety of learning experiences since the practice of law encompasses knowledge in many fields. In addition to certain requirements in the general education program, such as speech, math, computer science, lab science, American government, the following courses represent the broad base of knowledge preferred by most law schools:

- **Freshman and Sophomore Years**
  - Psychology U101
  - Foreign language
  - Sociology U101
  - Economics U221
  - History U101
  - Accounting (ACCT U225)
- **Junior and Senior Years**
  - Logic U205 and U207
  - International Law (POLI U460)
  - Literature Course
  - Legal Environment of Business (ACCT U347)
  - Judicial Process (POLI U452)
  - Constitutional Law (POLI U450)
  - Civil Rights and Civil Liberties (POLI U451)

Students should understand that taking specific courses is not nearly as important in gaining entrance to law school as maintaining a solid grade point average (GPA) and attaining a respectable score on the Law School Aptitude Test (LSAT). Students in any major or program interested in attending law school should contact the chair of History, Political Science, Philosophy and American Studies for assignment of a pre-law advisor.

#### **PRE-PHARMACY**

USC Upstate provides advisement services to pre-pharmacy students through faculty members in chemistry. Each fall, representatives of the South Carolina College of Pharmacy are invited to campus to meet with interested USC Upstate pre-pharmacy students. USC Upstate provides the course work required for admission into the South Carolina College of Pharmacy but does not award a degree in pharmacy. The South Carolina College of Pharmacy considers applications from students who complete a minimum of 67 semester hours of pre-pharmacy course work at USC Upstate. Pre-pharmacy students are encouraged to consider completion of a Bachelor of Science in Chemistry or Biology to improve their chances of admission into a pharmacy school. The following recommended sequence of courses has been developed through consultation between the South Carolina College of Pharmacy and USC Upstate.

#### **Recommended Courses for the South Carolina**

*(continued on next page)*

<sup>1</sup>Students desiring a postgraduate professional degree should note requirements for the Three-Plus-One Program.

## College of Pharmacy

### • **First Pre-pharmacy Year**

Biology U101: Biological Science I  
Biology U102: Biological Science II  
Chemistry U111: General Chemistry  
Chemistry U112: General Chemistry and  
Qualitative Analysis  
English U101, U102: Composition and Literature  
Mathematics U141: Calculus I  
Psychology U101: Introduction to Psychology  
Electives (6 semester hours)

### • **Second Pre-pharmacy Year**

Biology U243: Anatomy & Physiology I  
Biology U244: Anatomy & Physiology II  
Biology U250: Principles of Microbiology  
Chemistry U331: Organic Chemistry I  
Chemistry U331L: Organic Chemistry Laboratory  
Chemistry U332: Organic Chemistry II  
Chemistry U332L: Organic Chemistry Laboratory  
Mathematics U102: Elementary Statistics  
Physics U201: General Physics I  
Economics U221: Principles of Macroeconomics  
or Economics U222: Principles of Microeconomics  
Speech U201  
Electives (3 semester hours)

As soon as possible, students interested in pursuing a career in pharmacy should contact the chair of the Division of Natural Sciences and Engineering for assignment to a pre-pharmacy advisor.

## **THREE-PLUS-ONE PROGRAM**

USC Upstate awards the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies (IDS) to a student who has satisfactorily completed at least 90 semester hours of undergraduate work and one year (30 semester hours) of work in an approved accredited professional school, provided the applicant has:

- made application to the interdisciplinary studies program at USC Upstate;
- satisfied all general education and B.A. or B.S. option requirements for the interdisciplinary studies degree, with all minimum grade requirements met;
- completed a minimum of 42 semester hours of junior- and senior-level courses;
- completed at least 30 semester hours of courses in the IDS program;
- submitted a transient permission form, approved by the IDS director, prior to leaving USC Upstate to enter the professional, postgraduate school; and
- submitted official documents from the approved professional school demonstrating satisfactory completion of the first year of full-time study leading to a post-baccalaureate degree.

A degree other than interdisciplinary studies may be awarded if the combination of course work taken at USC Upstate and the professional school is equivalent to the work required for another bachelor's degree program at USC Upstate. In such a case, the school in which the degree is offered may recommend awarding that bachelor's degree.

## **ARMY RESERVE OFFICER TRAINING CORPS (ROTC)**

Participation in ROTC is voluntary. Semester hours earned with the department can be applied toward an academic degree program. Uniforms, textbooks and equipment required for the ROTC program are provided at no expense to the student. For ROTC scholarship students, the Army pays tuition and other expenses (see description under "Scholarships"). The ROTC program is normally four years of instruction; however, a two-year program is also offered. The four-year program of instruction is divided into the Basic Program and the Advanced Course.

**The Basic Program.** Acceptance may be considered when one of the following programs have been completed: six semester hours in the Basic Program, two years of active military duty with an honorable discharge, or three years of JROTC. Students must show leadership potential and meet the necessary physical and academic standards. Students participating in the Basic Program have no military service obligation.

**The Advanced Program.** Satisfactory completion of six semester hours in the Basic Program, substitute military experience (two years of active duty with an honorable discharge), or three years of JROTC qualifies students for entrance into the Advanced Program, if they have also shown leadership potential and have met the necessary physical and academic standards. The student must be an academic junior or senior with acceptance to graduate school to qualify for the advanced program.

Normally taken during the student's junior and senior years, the Advanced Program offers a maximum of 12 semester hours. It provides instruction in techniques of effective leadership, tactics, military law, logistics, administration, responsibility of the officer, and the exercise of command. It is designed to further the development of the student's leadership qualities. Advanced Program students receive a tax-free subsistence allowance of \$150 per month for 10 academic months per year, and are paid approximately \$800 for the five-week summer camp they are required to attend after completion of their junior year. The total subsistence and pay amounts to more than \$3,000 while enrolled in the Advanced Program. Cadets graduating from the ROTC program receive a second lieutenant's commission upon completing their undergraduate degree requirements.

The Advanced Program cadet may elect to enter active duty for three years or participate in the Reserve Force Duty Program (R.F.D.) as means for fulfilling the incurred obligation for military service. Under the R.F.D. program, students are commissioned in either the National Guard or the U.S. Army Reserves for a total of eight years, during which time they attend monthly paid drill periods. This enables individuals to pursue civilian careers and serve their nation at the same time. The R.F.D. program can be guaranteed if the student desires. Moreover, students' preferences concerning the occupational specialty in which they wish to serve are taken into consideration prior to assignment. The options offered are numerous and attractive.

**ROTC Activities.** In addition to normal classroom instruction, the Military Science Department sponsors numerous extracurricular activities. These activities are designed to complement and reinforce classroom skills and techniques. Participation is voluntary and no academic credit is awarded. The activities presently offered are the rifle team, and the Rangers. A chapter of the National Military Honor Society of Scabbard and Blade is available for student participation. Adventure activities such as rappelling, orienteering, mountaineering and white water rafting are open for participation.

# MAJORS, MINORS, AND PROGRAMS

## Bachelor's Degrees

\*Accounting  
 Advanced Manufacturing Management  
 Art Education  
 Art Studio (Graphic Design)  
 Biology  
 Chemistry  
 Child Development and Family Studies  
 Communication (*concentrations in communication studies, mass media and public relations*)  
 Commercial Music  
 Community Health  
 Computer Information Systems  
 Computer Science  
 Criminal Justice  
 Cybersecurity  
 Early Childhood Education  
 \*Economics/Finance  
 Elementary Education  
 Engineering Technology Management  
 English  
 \*Entrepreneurship and Innovation  
 Exercise and Sport Science  
 Health Informatics  
 History  
 Information Management and Systems  
 Interdisciplinary Studies  
 \*Logistics and Supply Chain Management  
 \*Management  
 \*Marketing  
 Mathematics  
 Middle Level Education  
 Nursing  
 Physical Education  
 Political Science  
 Psychology (Experimental)  
 Secondary Education  
 (*concentrations in biology, chemistry, English, mathematics, social studies/history, and Spanish*)  
 Sociology  
 Special Education: Learning Disabilities  
 Spanish  
 Theatre

## Pre-professional Programs

Pre-Chiropractic	Pre-Occupational Therapy
Pre-Dental	Pre-Pharmacy
Pre-Engineering	Pre-Physical Therapy
Pre-Law	Pre-Physician Assisting
Pre-Medical	Pre-Veterinary Medicine
Pre-Optometry	

## Certification

Early Childhood Education	Physical Education
Elementary Education	Secondary Education
Middle Level Education	Special Education: Learning Disabilities

## \*\*\*Undergraduate Certification

Critical Disability Studies Certificate  
 Global Competence Certificate  
 Women and Gender Studies Certificate

## Post-Baccalaureate Certification

Child Advocacy Studies  
 Informatics  
 Teaching English to Speakers of Other Languages

## Master's Degrees

M.Ed., Applied Learning and Instruction  
 M.Ed. or M.A.T., Special Education: Visual Impairment  
 M.S., Business Analytics  
 M.S., Informatics  
 M.S.N., Master of Science in Nursing / Clinical Nurse Leader (CNL) /  
 Nursing Educator / Nursing Leadership

## Minors

African American Studies	Health Informatics
American Sign Language Interpreting	History
American Studies	Information Management and Systems
Art History	International Studies
Biology	Jazz Studies
Business Administration	Mass Media
Business and Entrepreneurship	Mathematics
Chemistry	Nonprofit Administration
Child Advocacy Studies	Organizational Communication
Coaching	Philosophy
Commercial Music	Political Science
Communication Studies	Pre-Law
Computer Science	Psychology
Creative Writing	Public Relations
Criminal Justice	Religion
Economics	Sociology
Education	Southern Studies
English	Spanish
Film Studies	Spanish Translation/Interpreting
French	Sport Strength and Conditioning
German Studies	Theatre
Global Studies	Women's and Gender Studies
Health Communication	

\*Spring 2021 pending CHE approval

\*\*\*Undergraduate certificates are available only to students who are concurrently enrolled in baccalaureate degree programs.



# Honors Program

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The USC Upstate Honors Program offers enhanced educational opportunities tailored to the special needs, aspirations and motivations of students with outstanding intellectual and creative abilities.

*Up* is where we live.

**UPSTATE**  
University of South Carolina

## VISION

The USC Upstate Honors Program underscores the commitment of USC Upstate to academic excellence and the life of the mind. The Honors Program offers enhanced educational opportunities tailored to the special needs, aspirations, and motivations of students with outstanding intellectual and creative abilities. By bringing together talented students and dedicated and accomplished professors in small classes and individual research settings, the Honors Program creates a community united by a passion for learning and driven by a hunger for knowledge.

In addition to traditional honors course work oriented toward interdisciplinary approaches to problem solving, honors students complete research projects, internships, and service learning activities that challenge them to reach their full potential and to imagine even more ambitious goals for themselves and their world. The Honors Program enriches the learning experience with study abroad opportunities, research assistantships, faculty and community mentoring, and a range of co-curricular activities and experiences that build a shared sense of intellectual curiosity and achievement of the highest standards of academic excellence.

## MISSION STATEMENT

The goals of the USC Upstate Honors Program are as follows:

- to encourage an intellectual orientation by providing a challenging curriculum that emphasizes critical thinking, creative and active learning, integration of academic disciplines, in-depth exploration of new fields of study, and application of learning to other environments;
- to develop the skills and qualities necessary for leadership both at USC Upstate and in the larger community through an emphasis on service learning and public presentations;
- to provide a center of intellectual identity and community; and
- to meet the needs of outstanding students for engagement and intellectual pursuits beyond the classroom walls.

## ADMISSION

Admission to the Honors Program is selective and competitive. Great care is taken to admit the best-qualified applicants.

### Eligibility for Admission to the Honors Program:

First year students, sophomore-level and above students, and transfer students are eligible for admittance in the Honors Program upon review and approval by the director of the Honors Program and the Honors Faculty Council.

**A first-year student** is eligible to apply to the Honors Program if the student meets at least two of the following criteria:

- a minimum SAT score of 1100 or ACT of 24;
- a ranking in the top 10 percent of high school graduating class;
- a cumulative high school grade point average of at least 3.5 on a 4.0 scale;
- a Merit Award Program finalist;
- a Chancellor or Valedictorian Scholar;
- evidence of motivation and commitment to academic excellence.

**A current USC Upstate sophomore or junior** is eligible to apply to the Honors Program if the student meets the following criteria:

- a cumulative GPA of 3.25 or higher on a minimum of 30 hours from USC Upstate;
- evidence of motivation and commitment to academic excellence.

**A transfer student** is eligible to apply to the Honors Program if the student meets the following criteria:

- a cumulative GPA of 3.25 or higher from other academic institutions;
- evidence of motivation and commitment to academic excellence.

## APPLICATION PROCESS

Students apply for the Honors Program by submitting the following:

- an application that includes student's academic record; significant extracurricular, community, and service activities (including employment); accomplishments, awards, and talents; and any involvement in academic research; a 500-word essay discussing the goals and aspirations for an honors college experience; and
- two letters of recommendation attesting to academic eligibility.
- an interview with the Director of the Honors Program may be required.

*Exceptions to these requirements may be considered by the Director of the Honors Program.*

Students who have not been admitted to the Honors Program but have a cumulative GPA of 3.25 may participate in honors courses with the permission of the director of the Honors Program in consultation with the faculty member teaching the honors course.

### An Upstate Honors Student....

- is intellectually curious and participates in undergraduate research, attends and hosts speakers and other extracurricular events, and explores the world through study abroad.
- is a global citizen and contributes to his or her community and society through thoughtful service learning activities.
- is a leader and shares his or her ideas publicly through presentations and projects.
- is academically accomplished and has achieved two of the following criteria: a minimum high school GPA of 3.25, SAT verbal and math score of 1100, or top 10 percent of their graduating class.
- is an active part of the honors learning cohort and enrolls regularly in honors courses. These courses include yearly honors seminars: The Life of the Mind (HONS 101), Self and Society (HONS 201), The Ethical Factor (HONS 301), and The Process of Progress (HONS 401).

## HONORS CREDITS FROM OTHER INSTITUTIONS

Up to nine credit hours or three courses from other National Collegiate Honors Council institutions may be accepted for honors credit into the USC Upstate Honors Program. These courses must be compatible with the USC Upstate Honors Program. A syllabus or complete description of courses offered for acceptance into the program may be required for review by the Director of the Honors Program. All credits must be approved by the Director of the Honors Program.

## COMPLETION REQUIREMENTS

To complete the Honors Program, honors students must earn a USC Upstate degree, satisfy all major and Honors Program requirements, and remain in good standing throughout their college careers. Honors students must:

- maintain a minimum GPA of 3.00 each semester and achieve a cumulative GPA of 3.25 at the time of graduation;
- complete a minimum of 18 credit hours through the honors program;
- demonstrate significant contributions to honors activities either by serving on the Honors Student Council or by participating in the programming of the Honors Program.

Students who fall below the required minimum cumulative GPA of 3.0 in any semester are placed on honors probation. At the end of the probationary semester, students with a cumulative GPA of 3.0 or higher are returned to regular honors status. Students with a cumulative GPA lower than 3.0 but with a semester cumulative GPA of 3.0 or higher remain on honors probationary status. Students whose probationary semester cumulative GPA is lower than 3.0 are dismissed from the Honors Program. Students may apply for readmission to the Honors Program if their cumulative GPA is 3.0 or higher.

### REQUIREMENTS FOR GRADUATING WITH HONORS

To graduate from the Honors Program, students must:

- complete at least 18 credit hours of honors seminars, courses, internships, and tutorials of 100-level or above. All honors students, including those who transfer to USC Upstate with junior standing are required to complete the upper-level honors seminars: The Self and Society (HONS U201), The Ethical Factor (HONS U301), and The Process of Progress (HONS U401). Honors students who enter USC Upstate as first-year students will typically complete over 24 credit hours of honors courses, including 100-level courses and the Life of the Mind seminar (HONS U101).
- maintain an average cumulative GPA of 3.25 or higher.
- compile an electronic Honors Portfolio of projects and reflections from the honors seminar courses (HON U101, u201, U301, and U401), internships, research experience, service learning activities, and extracurricular activities. The final portfolio will also include a Statement of Purpose describing the student's accomplishments in the capstone honors project and the interdisciplinary theme or focus of study that underlies the student's honors experience.
- present to a public audience a capstone project designed and proposed in fall in HON U401 (The Process of Progress) and completed in spring in a three-credit tutorial or internship under the guidance of an honors faculty member. Students are encouraged to pursue creative project formats, including multimedia, performance, experiential, or application-based projects, although conventional thesis projects may also be accepted. Projects must be approved by the director of the Honors Program.
- complete a minimum of 20 hours of service learning activities, typically as a course requirement in Honors U201. Other service learning or community service must be approved by the Director of the Honors Program. Short reflection essays about this community engagement will be included in the electronic Honors Portfolio.
- demonstrate significant contributions to honors activities by serving on the Honors Student Council and/or participating in the programming of the Honors Program, such as research assistantships, study abroad, and cultural activities. Each semester, honors students must attend four events that are approved by the Director of the Honors Program. Short reflection essays about these events will be included in the electronic Honors Portfolio.

### CURRICULUM

To enroll in honors courses, students must be members of the Honors Program or granted approval by the director of the Honors Program in consultation with the faculty teaching the course.

To teach an honors course, faculty members must apply to the Honors

Program and be approved by the Faculty Honors Council. The honors course must also be approved by the Honors Council. The course application must include a description of the proposed honors course that emphasizes participatory classroom styles, intense and in-depth study of subject matter, the use of primary source material, team or group teaching, an interdisciplinary theme, and an element of independent study. Honors courses include intensive reading, writing, and research. Faculty are encouraged to offer courses encouraging civic responsibility, global awareness, service learning, or community service. All honors courses are limited to a maximum enrollment of 20 students.

Priority enrollment in honors courses is given to students in the Honors Program, but students meeting the admission criteria for the Honors Program may enroll in honors courses with permission of the Director of the Honors Program and the approval of faculty teaching the courses.

### Honors Students and General Education

All graduates of USC Upstate should demonstrate five core competencies as described in the Academic Programs section of the Academic Catalog. These competencies include the following: (1) the ability to communicate effectively in English in writing and orally, (2) comprehension and application of scientific and quantitative reasoning, (3) critical thinking and integration of information, (4) understanding and awareness of linguistic and cultural diversity, and (5) facility with information technology. A USC Upstate honors student must develop and refine these competencies by completing a coherent set of introductory-level courses which may be drawn from both honors and regular course offerings.

Honors students are encouraged to take an interdisciplinary approach to the general education competencies by enrolling in Honors Arts and Humanities, Honors Natural Science and Mathematics, Honors Social and Behavioral Sciences, the Honors General Education Tutorials, and special honors courses. Students will coordinate with the Director of the Honors Program and their major advisors to satisfy the general education competency requirements through no fewer than 30 credit hours in general education courses, including at least one course in each of the three main divisions: the humanities and fine arts, social and behavioral sciences, and natural sciences and mathematics.

In addition, students must fulfill any particular general education requirements that serve as foundational courses for their designated major. For example, an honors student majoring in biology must complete Precalculus I and II as well as General Chemistry and General Chemistry and Qualitative Analysis. Working with their major advisors, honors students will identify these courses by the end of their first year at USC Upstate.

In addition to completing the honors focus of study, honors students select an academic major and fulfill the requirements of that major. Courses designated as honors courses, such as BIO 110H or ENGL 102H, can substitute for non-honors courses. Special honors courses, tutorials, or internships may substitute for comparable general education courses or courses in the major program of study, or serve as electives. Honors students will work in coordination with the director of the Honors Program to fulfill the requirement to graduate with honors.

### Honors Sections of Regular Courses or Labs (0-4 cr. hrs.)

An open call for honors courses is issued each semester to faculty. Proposals

are reviewed by the Honors Faculty Council and approved through the course approval process outlined in the Faculty Manual.

Courses designated as honors courses can substitute for non-honors courses. Honors courses cover the same material as regular courses, but they must be different from regular courses by requiring coursework that is more challenging and enriching for honors students. Honors sections may involve a different teaching approach, additional readings, or special requirements. Course descriptions for honors sections must show greater rigor, more in-depth study, higher expectations, intensive reading, writing, and research than non-honors courses. Honors courses are not necessarily taught every semester, although some courses may be offered regularly.

### **Special Honors Courses (1-3 credit hours)**

An open call for special, one-time-only honors courses is issued each semester to faculty. Proposals are reviewed and approved by the Honors Faculty Council and the standard approval process for one-time-only courses.

Special honors courses may substitute for regular courses or may be new courses. Special honors courses cover topics not covered in existing courses, allow faculty to experiment with new teaching methods, incorporate new ideas, take risks, introduce cutting-edge material, and develop individual research. Course descriptions must show greater rigor, more in-depth study, higher expectations, more intensive reading, writing, and research than non-honors courses.

Special honors courses may meet general education, major, cognate/minor, or elective requirements. Honors Faculty Advisors recommend to deans course substitutions that allow incorporation of honors courses into the curriculum.

### **HONORS COURSES (HONS)**

*To enroll in honors courses, students must be members of the Honors Program or granted approval by the director of the Honors Program in consultation with the faculty teaching the course.*

*Honors courses require coursework that is more challenging and enriching for honors students; projects and assessments that offer more opportunities for creativity and problem-solving; assignments that include more intensive reading, writing, and research; and increased opportunities for co-curricular activities that complement course content. Honors sections may involve team-teaching or an interdisciplinary approach to the topics.*

**HONS U101. The Life of the Mind (3)** A facilitated seminar taught by multiple faculty members with an interdisciplinary theme centered around the life of the mind, including questions about the nature of education, knowledge, and the self. Introduction is provided to various academic fields through interdisciplinary projects and problem solving and significant interactions with honors faculty and other USC Upstate departments and resources. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U120. Honors Fine Arts and Humanities (3)** An interdisciplinary approach to introductory fine arts and humanities studies. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include art therapy, ekphrasis, or the history of religious art. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U121. Honors Natural Science and Mathematics (3)** An interdisciplinary approach to introductory natural science and mathematics studies. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include the history of physics, introductory bioinformatics or the statistics of gender. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U122. Honors Social and Behavioral Sciences (3)** An interdisciplinary approach to introductory social and behavioral science courses. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include the psychology of elections, sociology of relationships, or work and economics. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U199. General Education Tutorial (3)** An introduction to one or more of the disciplines included in select general education distribution areas (Fine Arts, Humanities, Natural Science, Mathematics, Social and Behavioral Sciences) that addresses applications of the field/s of study and or takes an interdisciplinary perspective. Examples include introductory legal philosophy, biomedical ethics, or behavioral economics. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U201. Self and Society (3)** An interdisciplinary seminar centered on community, leadership, and societal problem solving through projects and community-based problem-solving. Scholarly reflection on service projects and significant interactions with community leaders. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U250. Honors Travel (1-3)** Visits to and study of international or US sites of historic, cultural, and/or literary significance. Content and itinerary will vary depending on the instructor's area of interest. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U301. The Ethical Factor (3)** A seminar with an interdisciplinary theme centered on ethics and ethical problem solving. Examples include America's evolving moral landscape and civil rights, or science, ethics and religion. Interdisciplinary research projects and problem solving, scholarly reflection through written and oral communication, and interactions with guest speakers from the University and the wider community foster leadership and advanced academic skills. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U350. Honors Travel (3)** Visits to and study of international or U.S. sites of historic, cultural, scientific, and/or literary significance. The focus and work product for the course vary depending on the instructor's area of interest. Prerequisite: Admission to Honors Program or overall GPA of 3.25 at USC Upstate or accredited institution with permission of the Director of the Honors Program.

**HONS U398. Honors Special Topics (3)** Interdisciplinary approaches to enduring issues or current topics. Technology-based and/or presentation-based projects may be required. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U399. Honors Tutorial (3-4).** Directed research and reading of a complex and comprehensive nature in keeping with individual interests

and goals and culminating in a final project and/or written report. Research may involve both primary and secondary sources in one or more disciplines. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director. May be repeated with the consent of the Director of the Honors Program for a total of no more than eight hours of undergraduate Honors credit.

**HONS U400. Honors Internship (1-4)** Directed hands-on practicum experience in keeping with individual interests and goals. Honors interns complete additional research and reading and prepare a written report at the end of the term. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director. May be repeated with the consent of the Director of the Honors Program for a total of no more than eight hours of undergraduate Honors credit. A University contract must be completed with all required signatures.

**HONS U401. The Process of Progress(3)** A seminar with an interdisciplinary theme centered on the nature of research and research-based problem solving. Tracing the process of design and discovery of a documented well-known research project leads to the application of that model to individualized honors projects. Example project models might include the human genome project and its implications for the limits of humanity, or the TED movement. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director and 9 Honors credits.

#### **ORIENTATION AND ADVISING**

The Director of the Honors Program assists the academic Chair or Dean in identifying at least one faculty advisor in each academic unit to advise honors students in the unit. The Honors Program provides an advising workshop to honors advisors each semester.

#### **EXTRACURRICULAR ACTIVITIES**

The Honors Program sponsors a full range of activities open to both honors students and the entire university community. Such activities include new honors student luncheons; guest lecturers and speakers; coffees with USC Upstate faculty lectures; field trips; cultural events; dinners at faculty houses; receptions; Honors Day ceremonies; and research symposia.

#### **SPECIAL BENEFITS**

Benefits for honors students include availability of the Honors Student Lounge, participation in honors activities, priority registration, faculty research mentors, and the opportunity to attend Honorary Society meetings. Students graduating in the Honors Program receive special notation on their diplomas and transcripts, an Honors Certificate, and special recognition at graduation. Honors students are identified by a stole at graduation.

#### **HONORS STUDENT COUNCIL**

The Honors Student Council is an honor student committee serving as a liaison with the Honors Faculty Council. The Honors Student Council represents the needs and concerns of honors students to the Honors Faculty Council and the Director of the Honors Program. The Honors Student Council assists the Director in arranging academic, social, cultural, and service activities.

# Academic Centers

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Our academic centers are innovative resources for students.

## **Center for African American Studies**

Minor: African American Studies

## **Center for Interdisciplinary Studies**

Major: Interdisciplinary Studies

Minor: Nonprofit Administration

## **Center for Women's and Gender Studies**

Minor: Women's & Gender Studies

## **Watershed Ecology Center**

*Up* is where we live.

**UPSTATE**  
University of South Carolina

# CENTER FOR AFRICAN AMERICAN STUDIES

An interdisciplinary approach to history, culture and experience of African Americans from the fifteenth century to the present, the minor program attracts students interested in the African American heritage and rich intellectual traditions. This minor also explores African American struggles, successes, as well as art and literature.

Students completing the minor program will be introduced to seven major themes throughout their studies:

- Connections to the African American Past, where students will learn about the pre-Atlantic slave trade world Africa with emphasis on West African civilizations and societies;
- Becoming African American, where students examine the effects of enslavement on African identity and the construction of an American identity;
- Race and Identity Issues will examine the political, social and economic impact of the construction of blackness for African Americans;
- Resistance and Agency will examine the strategies used by African Americans to combat their disempowerment;
- Spirituality will trace the impact of African American spirituality on culture, community life and political activism;
- Cultural Expression will examine the material and intellectual contributions of African Americans to literature, music and art;
- and Liberation will include discussions on how the struggle for freedom and inclusion has shaped the African American experience and impacted the definition of freedom in the United States.

## Minor in African American Studies

### Student Worksheet

Courses required for the Minor <sup>1,2,3,4,5,6,7</sup>		
	credit hrs.	Completed
AFAM U201: Intro to African Amer. Studies	3	
AFAM U204: African American Culture	3	
<b>One of the following:</b> ENGL U391: African American Literature or ENGL U429: Harlem Renaissance	3	
<b>One of the following:</b> HIST U310: African American History to 1865 or HIST U311: African American History Since 1860	3	
<b>Two of the courses selected from the following disciplines:</b>	6	
AFAM U398: Topics in African American Studies		
ARTH U210: African Art		
ARTH U304: Southern Folk Art		
CRJU U380: Minorities, Crime and Criminal Justice		

CRJU U451/POLI U451: Civil Rights and Civil Liberties	
ENGL U391: African American Literature or ENGL U429: Harlem Renaissance <sup>7</sup>	
HIST U495: Topics in African American History or HIST U310: African American History to 1865 or HIST U311: African American History since 1860	
JOUR U480: Diversity and the Media	
MUSC U310: Jazz History	
SOCY U433: Race and Ethnic Relations	
<b>Total Hours Required</b>	<b>18</b>
<p><i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i></p> <p><i>2 Minimum grade of C is required for all coursework.</i></p> <p><i>3 A minimum of 12 hours of upper division coursework is required.</i></p> <p><i>4 English U102 must be completed before taking courses in the minor.</i></p> <p><i>5 There are additional pre-requisites for courses in Criminal Justice, Sociology, and Government which may be met with general education or elective credit.</i></p> <p><i>6 Topics courses numbered U398 may be used when the subject matter pertains to African American Studies.</i></p> <p><i>7 Students may not use the same course to satisfy both the specified requirements and a selected requirement.</i></p>	

# CENTER FOR INTERDISCIPLINARY STUDIES

The Center for Interdisciplinary Studies (IDS) offers the Bachelor of Interdisciplinary Studies on the USC Upstate campus and on the USC Upstate Greenville campus. Interdisciplinary studies provides students the opportunity to broaden their education by developing, in consultation with an advisor, a multidisciplinary or individualized program of study to meet their educational and career goals. The IDS major is available to students at all levels of their academic careers from the beginning freshman to the returning degree-completion student with previously earned credits. IDS transfers who have earned an AA or AS degree from a regionally-accredited (for college transfer) technical or community college or have completed the general education requirements at an accredited baccalaureate institution will have satisfied the general education requirements for the bachelor of arts or bachelor of science degrees in IDS. A minimum of 30 semester hours must be completed in residence at USC Upstate after acceptance into the IDS program.

## Bachelor of Interdisciplinary Studies

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102, HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U102, U120, U121, U122, U126, U127, U141, U142, U202, U231	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U243/L; CHEM U101/L, U106L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-12 <sup>1</sup>	Any Mathematics or Natural Sciences course/s listed above or BIOL U206, U240, U270; ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; PSYC U225; SOCY U201	
<b>III. Info Technology</b>	Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; HONS U120; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, U106	
	Fine Arts, Humanities, and/or History	0-9 <sup>1</sup>	Any Fine Arts or History course/s listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3-9 <sup>1</sup>	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	3-9 <sup>1</sup>	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Ed. Electives</b>	Gen. Ed. Elect.	0-9 <sup>1</sup>	May include any courses listed above and ASLG U102; CHIN U102; HONS U199, U398; FREN U102; GERM U102; SPAN U102; LIBR U201	

<sup>1</sup> IDS majors and their advisors will determine the appropriate number of hours for each of these distributions areas. IDS requires no less than 43 General Education hours.



<b>Major Requirements<sup>1</sup></b>		
<b>Track 1</b>		
	<b>credit hrs.</b>	<b>Completed</b>
IDST U300: Introduction to IDS <i>or</i> IDST U301: Ethics in the Professions	3	
<b>Discipline I</b> <i>(Upper division hours selected from one area of study<sup>2</sup>)</i>	15	
<b>Discipline II</b> <i>(Upper division hours selected from a different area of study<sup>2</sup> than Discipline I)</i>	9	
IDST U490: Senior Seminar in IDS	3	
<b>Minor</b> <i>(All IDS majors in Track I must complete a minor. Area of study<sup>2</sup> for minor must differ from areas of study in Disciplines I and II.)</i>	18-21	
<b>Electives</b>	20-29	
<b>Total Hours Required</b>	<b>120</b>	
1 A minimim grade of C is required for all major, minor, and cognate courses. 2 For areas of study, see Majors and Minors in the index.		

<b>Major Requirements<sup>1</sup></b>		
<b>Track 2 (Individualized Program)</b>		
<i>With the approval of the IDS Director, a student may pursue the Individualized Program.</i>		
	<b>credit hrs.</b>	<b>Completed</b>
IDST U300: Introduction to IDS <i>or</i> IDST U301: Ethics in the Professions	3	
<b>Individualized: Upper division hours in two or more areas of study<sup>2</sup>.</b>	24	
IDST U490: Senior Seminar	3	
<b>Cognate or Minor</b>		<b>12-21</b>
<b>Cognate<sup>3</sup></b>	12	
<b>Minor<sup>3</sup></b>	18-21	
<b>Electives</b>	26-35	
<b>Total Hours Required</b>		<b>120</b>
1 A minimim grade of C is required for all major, minor, and cognate courses. 2 For areas of study, see Majors and Minors in the index. 3 Cognate hours and area of study for minor must differ from individualized areas of study.		

# Minor in Nonprofit Administration<sup>1,2,3</sup>

## Student Worksheet

Courses required for the Minor <sup>1,2</sup>	18	
	hrs.	Completed
NPAD U301: The Nonprofit Sector in the U.S.	3	
NPAD U302: Nonprofit Leadership	3	
NPAD U303: Nonprofit Financial Administration	3	
NPAD U304: Nonprofit Fundraising	3	
NPAD U399: Independent Study or NPAD U499: Nonprofit Field Experience	3	
JOUR U350: Social and Emerging Media or INFO U201: Concepts of Info Mgmt & Systems	3	
<b>One course from any of the following:</b>	<b>3</b>	
ENGL U371: Grant Writing		
NPAD U401: Topics in Nonprofit Leadership		
NPAD U404: Social Entrepreneurship		
POLI U364: State and Local Government		
POLI U370: Introduction to Public Administration		
POLI U374: Introduction to Public Policy		

POLI U390: Urban Planning and Policy		
POLI U462: The Legislative Process		
POLI U481: The Politics of Inequality		
POLI U491: Topics in Political Science <sup>4</sup>		
SOCY U311: Social Problems		
SOCY U323: Urban Sociology		
SOCY U341: Sociology of Families		
SPCH U303: Ethics in Human Communication		
SPCH U350: Communication and Gender		
SPCH U448: Organizational Communication		
SPCH U450: Communication for Social Change		

Total Hours Required	21 credit hours
<i>1 Up to 6 hours of General Education (&gt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>2 Minimum grade of C is required for all coursework</i>	
<i>3 A minimum of 12 course hours of upper division coursework is required</i>	
<i>4 Can use POLI U491 Topics in Political Science when the topic is Civic Engagement</i>	

# CENTER FOR WOMEN'S AND GENDER STUDIES

The Center for Women's and Gender Studies (CWGS) familiarizes students with an interdisciplinary framework in which gender is the central category of analysis. Courses and cultural events encourage critical thinking, writing, and speaking about gender throughout history, around the world, and across the disciplines. Through curricular and co-curricular programming, CWGS provides opportunities for the campus community to examine cultural assumptions about gender as it intersects with race, class, ethnicity, age, sexual orientation and disability, facilitating critical thinking about the interrelationship between gender and power. The CWGS serves as the coordinating site for coursework in Women's and Gender Studies. USC Upstate offers a minor and certificate in Women's and Gender Studies. Specific requirements for the minor are listed below. A major in interdisciplinary studies with a single area of focus in Women's and Gender Studies is also available. For more details on this opportunity, consult with the Directors of Interdisciplinary Studies and Women's and Gender Studies.

## Minor in Women's & Gender Studies<sup>1</sup>

### Student Worksheet

Introductory Course <sup>2</sup>		3
	credit hrs.	Completed
WGST U101: Introduction to Women's and Gender Studies		
Theory Course		3
WGST U301: Feminist Theory and Methods		
Additional Courses		12
12 credit hours from the following list, with no more than two courses from any individual discipline (except WGST), and no more than one course from within the student's major program		
ARTH U301: Women and Gender in Art		
CRJU U352: Sexual Misconduct		
CRJU U382: Women and Crime		
ENGL U389: Gay and Lesbian Literature		
ENGL U437: Women Writers		
HIST U351: Women in Early Modern Europe and America		
HIST U352: Women in Modern Europe and America		
HIST U378: Women and Gender in Modern China		
HIST U496: Topics in Women's History		
JOUR U450: Women in the Media		
POLI U350: Women and American Politics		
POLI U420: Women and Politics: A Global Perspective		

PSYC U442: Psychology of Women	
RELG U306: Religion and Gender	
SOCY U335: Fat Studies	
SOCY U337: Gender and Society	
SPCH U350: Communication and Gender	
WGST U345: Girls Studies	
WGST U355: U.S. Women's Movement	
WGST U365: LGBTQ Studies	
WGST U375: Feminist Disability Studies	
WGST U380: Gender, Disability, Eugenics: US and Germany, 1900-1945	
WGST U385: Mad Feminism	
WGST U398: Topics in Women's and Gender Studies <sup>4</sup>	
WGST U399: Independent Study	
WGST U499: Internships	

Total Hours Required	18
<sup>1</sup> Minimum grade of "C" for all courses required. <sup>2</sup> Course may also be used to satisfy general education requirements. If used for general education, students will have satisfied the requirement for the minor and will be excused from the credit hour requirements for the preparatory course. <sup>3</sup> With the written approval of the director of Women's and Gender Studies, students may apply relevant special topics courses, one-time only courses, internships and independent studies to the minor. <sup>4</sup> This course may be repeated for credit when topics vary.	

# WATERSHED ECOLOGY CENTER

Serving the upstate metropolitan region of South Carolina, the Watershed Ecology Center is encouraging watershed awareness through education and community outreach. The Center places special emphasis on watershed conservation, water quality, and the study of organisms living in the area encompassed by a watershed.

The Center serves as a repository for regional ecological information, providing education and research assistance to individuals, communities, and governmental organizations. The Center is also dedicated to providing research opportunities for the faculty and students at the University of South Carolina Upstate.

## **Watershed Ecology Center - Research**

Water Quality	Biodiversity Studies	Population Studies
Pacolet River	Cowpens Battlefield	Nerodia (Water Snakes)
Lawson's Fork	King's Mountain	Turtles (Duncan Park, Spartanburg)
Upper Broad River		

## **Watershed Ecology Center - Service**

Education programs are provided for the Spartanburg Water System, Startex, Jasper, Duncan Water District, Greer Public Works and Spartanburg County.

## **Watershed Ecology Center - Educational Programs**

Under the direction of Dr. Jack Turner, the Watershed Ecology Center began its educational outreach program in 2001, serving students in K-8th grade. Each year the Center contacts more than 10,000 students in Spartanburg County and offers a variety of water-related, grade-specific programs designed to meet and correlated to the South Carolina science standards, including:

### ***Hurray for Habitats! (First grade)***

This hands-on program uses live animals to introduce students to the concept of habitat and the need to preserve our local aquatic habitats.

### ***Water, Water Everywhere (Second grade)***

In this activity from *Access Nature*, participants raise their awareness about how little water is actually available for human use, discuss how humans use water, and formulate ideas to conserve water. Two hands-on activities reinforce concepts covered.

### ***Marsh Munchers (Third grade)***

This program uses a salt marsh as an example of the interconnectedness of aquatic ecosystems. The program teaches the concepts of food webs, camouflage, and mimicry through a fun *Project Wild Aquatic* game involving the entire class.

### ***The Water Cycle - An Incredible Journey (Fourth grade)***

Through the use of an engaging game from the *Project Wet* curriculum, students are challenged to answer questions like "Where will the water you drink today, be tomorrow?" in their quest to understand the water cycle.

### ***Wise up About Watersheds (Fifth grade)***

In this hands-on program, students learn about the watershed we live in and are introduced to the concept of non-point source water pollution. Using "Waste Not, Want Not" from the *Water Sourcebook* curriculum and the EnviroScape watershed model, students see how a watershed becomes polluted as each student is asked to add various pollutants to the models.

### ***Talkin' Trash (Sixth grade)***

Using an EnviroScape landfill model, students get an in-depth look at how a landfill is designed. They learn about what happens to their garbage when it leaves the curb. They will also be introduced to the innovative process of converting waste to energy used by BMW and Waste Management.

### ***From H to OH! (Seventh and eighth grades)***

In this activity from *Healthy Water Healthy People*, students simulate the creation of acids and bases; manipulate acidic and basic solutions and discuss how acid rain is formed. Students explore runoff pollution and how pH of water can affect weathering of the Earth's surface and stream health.

Other educational outreach programs of the Watershed Ecology Center include: *Rocks Speak*, *H2O Below*, *Macro What?* and *Green Driver*, where high school students learn about the environmental responsibilities associated with driving a car, with particular emphasis on changing their oil.

### **Watershed Ecology Center - Service Centers**

The Educational programs are provided for the Spartanburg Water, Startex-Jasper-Welford-Duncan Water District, Greer Public Works, City and County of Spartanburg, Woodruff Roebuck, and Blue Ridge Rural Water District.

### **Watershed Ecology Center - Community Outreach**

**Adopt-A-Stream** – Offering Certification Workshops for volunteer citizen water quality monitors in Spartanburg County following a QA/QC protocol established by SC DHEC and approved by the EPA.

**Rain Barrels** – Through a partnership with the Coca-Cola Bottling Company, Spartanburg County Storm Water Management and the Watershed Ecology Center, rain barrels and installation kits are provided to Spartanburg County residents at workshops throughout the county, free of charge.

**Community Events** – The WEC participates in community events such as Earth Day celebrations and Discover Your Watershed which are designed to highlight environmental issues and strategies in a fun and inviting way.

**Storm Drain Marking** – To help raise community awareness of non-point source water pollution, the Watershed Ecology Center has been marking storm drains county-wide, with the message that anything going down the storm drain will flow into a nearby stream or other body of water.

**Community Outreach Series** – The WEC provides a selection of watershed related programs for any group, club, organization, or Home Owners Association in Spartanburg County, free.

**Summer Camps** – One week of educational fun for students going into grades 1-6! Camp Discovery offers campers fun, games, experiments, craft projects, and hands-on activities with artifacts and visits from animals from the Center to ensure that campers have fun while learning. Camps are located on the USC Upstate campus and run from 9am to 12 noon, check the website for the date and topics of this year's camps!

### **Watershed Ecology Center - Academic Outreach**

Each grade specific program meets State Educational Standards for that grade and that subject.

For a full listing of the Educational Programs or more information about any of the other opportunities seen here, please visit the Watershed Ecology Center's website at [www.uscupstate.edu/wec](http://www.uscupstate.edu/wec), email [wec@uscupstate.edu](mailto:wec@uscupstate.edu), or call 864.503.5728.

# College of Arts, Humanities, and Social Sciences

The College of Arts, Humanities, and Social Sciences is comprised of the following academic units:

## Department of Fine Arts and Communication Studies

Majors: Art Education, Art Studio (Graphic Design), Commercial Music, Communication, Theatre

Minors: Art History, Commercial Music, Communication Studies, Health Communication, Jazz Studies, Mass Media, Organizational Communication, Public Relations, Theatre

## Department of History, Political Science, Philosophy and American Studies

Majors: History, Political Science

Minors: African American Studies, American Studies, History, Philosophy, Political Science, Pre-Law, Religion, Southern Studies

## Division of Languages, Literature and Composition

Majors: English, Spanish

Minors: American Sign Language & Interpreting, Creative Writing, English, Film Studies, French, German Studies, Global Studies, Spanish, Spanish Translation/Interpreting

## Department of Psychology

Major: Psychology

Minors: Psychology, Child Advocacy Studies

## Department of Sociology, Criminal Justice and Women's Studies

Majors: Sociology, Criminal Justice

Minors: Criminal Justice, Sociology, Women's & Gender Studies

Area of Study: Crime Analysis

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**UPSTATE**  
University of South Carolina

# FINE ARTS AND COMMUNICATION STUDIES

The aim of the Division of Fine Arts and Communication Studies (FACS) is to support the overall mission of USC Upstate by enhancing the intellectual, ethical, cultural and professional development of fine arts and communication students. The faculty is committed to preparing students to become competent professionals in art, media arts, journalism and mass communication, music, organizational communication, speech communication and theatre. FACS offers the Bachelor of Arts degree in communication with concentrations in public relations, mass media, and communication studies, as well as the Bachelor of Arts in Art Studio with an emphasis in graphic design, the Bachelor of Arts in Art Education, the Bachelor of Arts in Theatre, and the Bachelor of Arts in commercial music.

The Bachelor of Arts Degree in Art Education is intended to prepare students for careers as K-12 art teachers, for graduate work in art education and for employment in schools, museums, and community art organizations. During the semester that a student completes 60 hours, he/she must apply to the Division of Fine Arts and Communication Studies to be admitted to the professional art education program which comprises his or her junior and senior years. Admission of applicants is based on individual consideration. Each applicant must fulfill the following requirements:

- Completion of English 101 and 102, Speech 201 and Art 103 or their equivalents, with grades of C or better;
- Successful completion of Math 120 or higher;
- GPA of at least 2.75 on at least 60 hours earned;
- The achievement of passing scores on all three sections of the Praxis Pre-Professional Skills Test (PPST);

- Two letters of recommendation from faculty
  - Clear criminal record from South Carolina Law Enforcement Division
- When the student completes the required content course work and practicum hours, he/she will apply for admission to a directed (student) teaching course. The following criteria must be met:

- Admission to the Professional Program
- Minimum 2.75 GPA
- 90 semester hours completed (at end of the current semester)
- 100 hours of practicum in the schools
- A grade of C or better in the Professional Education courses
- FBI fingerprint card

*Detailed guidelines and requirements may be obtained from the USC Upstate Admissions Office and the Division of Fine Arts and Communication Studies.*

## Bachelor of Arts in Art Education *Student Worksheet*

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U102, U120, U121, U122	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any course in Mathematics or Natural Sciences listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; MATH U126, U127, U141, U142, U202, U231; PHYS U101; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	6	ARTH U105, U106; ENGL U208; SOST U201	
	History	3	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	

*(Continued on next page)*

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	6	Any two courses from any section above or ASLG U102; CHIN U102; FREN U102; GERM U102; SPAN U102; AFAM U204; AMST U101, U102; ARTH U101; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; LIBR U201; MUSC U110, U140; PHIL U102, U211; RELG U103; THEA U161, U170	

<b>Content Concentration*</b>	<b>36 credit hours</b>	
	<b>credit hrs.</b>	<b>Completed</b>
ARTS U103: Fundamentals of Two Dimensional Design	3	
ARTH U306: History of 20th Century Art	3	
Art History elective 200 or above: _____	3	
ARTS U104: Fundamentals of Three Dimensional Design	3	
ARTS U108: Computer Graphics I	3	
ARTS U110: Drawing I	3	
ARTS U210: Drawing II	3	
ARTS U211: Introduction to Painting	3	
ARTS U207: Printmaking I	3	
ARTS U229: Crafts of Diverse Cultures	3	
ARTS U203: Color and Composition	3	
Art Studio Elective	3	
<b>Professional Education*</b>	<b>42 credit hours</b>	
	<b>credit hrs.</b>	<b>Completed</b>
EDFO U200: Teacher Education Colloquium	0	
EDFO U210: Foundations of Education**	3	
ARTE U330: Foundations in Art Education**	3	
EDFO U333: Educational Development of the Lifelong Learner**	3	
EDFO U341: Education Procedures for Exceptional Children**	3	
EDRE U418: Literacy in the Middle and Secondary School	3	
ARTH U400: Theory and Criticism	3	
ARTE U429: Art for Elementary and Middle Schools	3	
ARTE U430: Secondary Art Methods	3	
ARTE U450: School Art Program	3	
ARTE U459: Art Education Seminar	3	
ARTE U460: Directed Teaching	12	
	<b>credit hrs.</b>	<b>Completed</b>
<b>Total hours for major</b>	<b>78</b>	
<b>Total credit hours for degree</b>	<b>121-122</b>	

\*must have a "C" or above in the courses

\*\*Does not have to be admitted to the Professional Program



The Bachelor of Arts degree, major in Art Studio with an emphasis in graphic design, is intended to prepare students for careers in graphic design in a variety of settings. The program integrates the content areas of design theory, production, history, criticism, and aesthetics and utilizes traditional art and design techniques with industry standards in digital technology. Graduates from the BA program are prepared to locate employment in creative departments in corporations, retail establishments, advertising design and public relations firms, and print and web publishing organizations.

## Bachelor of Arts in Art Studio with Emphasis in Graphic Design

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U102, U120, U121, U122	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, 111/L, 112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any course in Mathematics or Natural Sciences listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; MATH U126, U127, U141, U142, U202, U231; PHYS U101; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	6	ARTH U105, U106; ENGL U208; SOST U201	
	History	3	HIST U101, U102, U105, or U106	
	Fine Arts, Humanities, and/or History	0		
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	3	Any course from any section above or ASLG U102; CHIN U102; FREN U102; GERM U102; SPAN U102; AFAM U204; AMST U101, U102; ARTH U101; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; LIBR U201; MUSC U110, U140; PHIL U102, U211; RELG U103; THEA U161, U170	

Major Requirements <sup>1</sup>		
	credit hrs.	Completed
<b>Art History</b>		
ARTH U306: History of 20th Century Art <i>or</i> (with advisor approval another upper-level art history may be substituted for ARTH U306)	3	
ARTH U308: History of Graphic Design <i>or</i> (with advisor approval another upper-level art history may be substituted for ARTH U308)	3	
<b>Art Studio</b>		
ARTS U103: Fundamentals of Two Dimensional Design	3	
ARTS U104: Fundamentals of Three Dimensional Design	3	
ARTS U108: Computer Graphics I	3	
ARTS U110: Drawing I	3	
ARTS U214: Graphic Design I	3	
ARTS U314: Graphic Design II	3	
ARTS U315: Graphic Design III	3	
ARTS U318: Interface Design I	3	
<b>Professional Options<sup>1</sup></b>		<b>15</b>
(Students choose 15 credits from 200-level or above art studio courses with advisor's approval). ARTS U255 Arts Practicum may not be used.		
	credit hrs.	Completed

Senior Seminar <sup>1</sup>	credit hrs.	Completed
ARTS U490: Senior Seminar Graphic Design	3	

*Students may complete a minor or complete their degree requirements with electives.*

Minor Option:	18-27	
	credit hrs.	Completed

Electives <i>(sufficient to reach 120 credit hours)</i>		
	credit hrs.	Completed

Total Hours Required	120
<sup>1</sup> A minimum grade of C is required in major courses.	
<sup>2</sup> Students must successfully pass portfolio review to register for ARTS U314.	

The Commercial Music program at USC Upstate provides students with the skills to adapt and thrive in today's rapidly changing music industry. Our curriculum prepares students for careers in performance, songwriting, composing and arranging, recording and producing, music instruction, worship music, music publishing, artist management, event promotion, musical theatre, or music journalism. Students develop core skills in performance, musicianship and theory, music history, digital production technology, and music business. Students also gain ample performing experience with our five musical ensembles, take private lessons and learn the music business from working professionals, and get hands-on experience with industry-standard music technology. Minors are also available in Commercial Music and Jazz Studies.

## Bachelor of Arts: Major in Commercial Music

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U102, U120, U121, or U122	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any course in Mathematics or Natural Sciences listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; MATH U126, U127, U141, U142, U202, U231; PHYS U101; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	MUSC U162 <sup>1</sup>	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	6	MUSC U110 <sup>1</sup> , U140 <sup>1</sup>	
	History	3	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	3	Any course from any section above or AFAM U204; AMST U101, U102; ARTH U101, U105, U106; ASLG U102; CHIN U102; CSCI U138; CSCI U150; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; FREN U102; GERM U102; INFO U101; LIBR U201; PHIL U102, U211; RELG U103; SPAN U102; THEA U161, U170	

Major Requirements <sup>1</sup>		
	credit hrs.	Completed
<b>Music Core</b>		<b>33</b>
MUSC U100: Recital Attendance (six semesters)	6	
MUSC U115: Commercial Music Theory & Aural Skills I <sup>2</sup>	3	
MUSC U116: Commercial Music Theory & Aural Skills II	3	
MUSC U155: Group Piano I	1	
MUSC U156: Group Piano II	1	
MUSC U215: Commercial Music Theory & Aural Skills III	3	
MUSC U216: Commercial Music Theory & Aural Skills IV	3	
MUSC U255: Group Piano III	1	
MUSC U303: Western Music History & Repertoire	3	
MUSC U361: Music Business	3	
MUSC U364: Music Entrepreneurship	3	
MUSC U490: Senior Seminar	3	
<b>Group A: Composition Track</b>		<b>26</b>
MUSC U111C: Applied Music in Composition	2	
MUSC U111: Applied Music (primary instrument)	3	
MUSC U311C: Applied Music in Composition	2	
MUSC U311: Applied Music (primary instrument)	1	
100- and 300-level Ensembles <sup>3</sup>	6	
MUSC U366: Composition (or three additional credits of U311C)	3	
MUSC U367: Arranging for Ensembles	3	
Two additional courses from Commercial Music Emphasis	6	
<b>Group B: Music Technology Track</b>		<b>26</b>
MUSC U111A: Applied Music in Bass	1	
MUSC U111D: Applied Music in Percussion	1	
MUSC U111G: Applied Music in Guitar	1	
MUSC U111P: Applied Music in Piano	1	
MUSC U111V: Applied Music in Voice	1	
MUSC U111: Applied Music (primary instrument)	2	
MUSC U311: Applied Music (primary instrument)	1	
100- and 300-level Ensembles	6	
MUSC U362: Music Technology	3	

MUSC U499 Internship <sup>4</sup>	3	
Two additional courses from Commercial Music Emphasis	6	
<b>Group C: Performance Track</b>		<b>26</b>
MUSC U111: Applied Music (primary instrument)	3	
MUSC U311: Applied Music (primary instrument)	4	
100-level Ensembles	3	
300-level Ensembles	4	
Four courses from Commercial Music Emphasis	12	
<b>Group D: Singer-Songwriter Track</b>		<b>26</b>
MUSC U111G: Applied Music in Guitar <i>or</i> MUSC U111P: Applied Music in Piano	2	
MUSC U111Z: Applied Music in Songwriting	3	
MUSC U111V: Applied Music in Voice	3	
MUSC U311Z: Applied Music in Songwriting	1	
MUSC U311V: Applied Music in Voice	1	
100- and 300-level Ensembles	7	
MUSC U365: Songwriting (or three additional credits of U311Z)	3	
MUSC U367: Arranging for Ensembles	3	
One additional course from Commercial Music Emphasis	3	

#### Commercial Music Emphasis:

Students will choose their additional music emphasis courses from the list below with advisor's approval. The total number of credits will vary depending on the student's track.

MUSC U310: Jazz History	3	
MUSC U315: Analysis of Popular Music	3	
MUSC U325: Jazz Theory	3	
MUSC U345: Jazz Improvisation I	3	
MUSC U356: Jazz Improvisation II	3	
MUSC U362: Music Technology	3	
MUSC U365: Songwriting	3	
MUSC U366: Composition	3	
MUSC U367: Arranging for Ensembles	3	
MUSC U398: Selected Topics in Music	3	
MUSC U499: Internship in Commercial Music	3	

(Continued on next page)

Certificate, Cognate <sup>1</sup> , or Minor 12-18 hrs.	Completed
<b>Total Hours</b>	

Electives	0-6 hrs.	hrs.	Completed
<b>Total Hours</b>			

<b>Total Hours Required</b>	<b>120</b>
<p><i>1 A minimum grade of C is required in all major and cognate courses.</i></p> <p><i>2 Prerequisites for MUSC U115 include successful completion of the Music Theory and Aural Skills placement exam or MUSC U101 and/or 102.</i></p> <p><i>3 Students in the Composition and Performance Tracks must play their primary instrument in the ensemble.</i></p> <p><i>4 Internships for the Music Technology Tracks must be related to music technology.</i></p>	

# Bachelor of Arts: Major in Communication

## Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U102, U120, U121, or U122	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any course in Mathematics or Natural Sciences listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; MATH U126, U127, U141, U142, U202, U231; PHYS U101; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
	Fine Arts, Humanities, and/or History	3	Any course in Fine Arts or History listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	3	Any course from any section above or ASLG U102; CHIN U102; FREN U102; GERM U102; SPAN U102; LIBR U201	

Major Requirements <sup>1</sup>	15 hrs.	Completed
<i>All students must complete the following five courses with a minimum grade of C</i>		
SPCH U301: Theories & Principles of Human Communication		
SPCH U333: Advanced Public Speaking		
JOUR U305: Mass Comm.Theory		
COMM U375: Communication Research Methods		
COMM U490: Senior Seminar		

(Continued on next page)

<b>Students must complete the required credit hours from either Group A: Communication Studies, Group B: Mass Media or Group C: Public Relations with minimum grade of C.</b>		
<b>GROUP A: COMMUNICATION STUDIES</b>		
<i>Students must complete a minimum of 6 hours from each of the following categories and three additional courses from the category list for a total of 27 credit hours.</i>		
	<b>hrs.</b>	<b>Completed</b>
<b>Writing and Presentation Skills:</b>	<b>6</b>	
ENGL U318: Writing in Digital Environments		
INFO U345: Technical Presentation and Comm.		
SPCH U313: Performance Studies		
SPCH U340: Voice and Diction		
SPCH U360: Visual Rhetoric		
SPCH U440: Argumentation & Debate		
<b>Culture and Communication:</b>	<b>6</b>	
SPCH U311: Dark Side of Interpersonal Comm.		
SPCH U312: Rhetorical Theory & Criticism		
SPCH U347: Environmental Communication		
SPCH U350: Communication and Gender		
SPCH U379: Health Narrative		
SPCH U380: Intercultural Communication		
SPCH U430: Communicating Difference in Social Institutions		
SPCH U450: Communication for Social Change		
<b>Professional Practices:</b>	<b>6</b>	
COMM U399: Intern. or Indep. Study in Mass Comm.		
JOUR U303: Law & Ethics of the Mass Media		
JOUR U360: Copyediting		
SPCH U303: Ethics in Human Communication		
SPCH U309: Small Group Communication		
SPCH U330: Interviewing		
SPCH U348: Introduction to Organizational Communication		
SPCH U448: Organizational Communication		
<b>Three additional courses from the above categories</b>	<b>9</b>	
<i>Note: SPCH U398: Topics in Speech Comm. may be used in any category w/ approval of advisor.</i>		

<b>GROUP B: MASS MEDIA</b>		
<i>Students must take all mass media core courses with a minimum of three hours from each of the remaining four categories and an additional course from the category list for a total of 27 credit hours.</i>		
	<b>hrs.</b>	<b>Completed</b>
<b>Mass Media Core</b>	<b>9</b>	
JOUR U201: Survey of Mass Communication		
JOUR U303: Law & Ethics of the Mass Media		
JOUR U304: Writing for the Media		
<b>Writing</b>	<b>3</b>	
JOUR U328: Fundamentals of Public Relations		
JOUR U333: News and Feature Writing		
JOUR U334: Writing for Broadcasting		
JOUR U350: Social and Emerging Media		
<b>History and Theory</b>	<b>3</b>	
JOUR U302: Journalism's Role in History		
JOUR U310: Mass Media and Society		
JOUR U315: International Media		
JOUR U348: Illness, Culture and the Media		
JOUR U450: Women in the Media		
JOUR U480: Diversity in the Media		
POLI U365: Politics and Media		
Approved 300-level or above SPCH course		
<b>Film</b>	<b>3</b>	
FILM U342: Film Genre		
FILM U360: Film Directors		
FILM U425: Film History to 1967		
FILM U435: Film History since 1967		
FILM U475: International Film		
FILM U481: Cultural Diversity and Difference in Film		
FILM U482: Film Theory and Criticism		
<b>Professional Options</b>	<b>3</b>	
COMM U399: Intern. or Indep. Study in Mass Comm.		
ENGL U318: Writing in Digital Environments		
FILM U326: Motion Picture and Video Techniques		
FILM U426: Advanced Video Production		
JOUR U328: Fundamentals of Public Relations		
JOUR U330: TV Studio Production		
JOUR U335: Video Editing		
JOUR U349: Health Messaging and the Media		
JOUR U350: Social and Emerging Media		
JOUR U360: Copyediting		
JOUR U428: Public Relations Campaigns		

JOUR U430: Media Management		
MKTG U350: Principles of Marketing		
<b>Two additional courses from the above categories</b>	<b>6</b>	
<i>Note: COMM U399 may be taken twice with appropriate consent to fulfil additional course categories. Note: JOUR U398: Special Topics in Journalism and SPCH U398: Topics in Speech Communication may be used in any category if appropriate.</i>		

**GROUP C: PUBLIC RELATIONS**

*Students must take all Public Relations core courses and a minimum of 3 hours from each of the following two categories for a total of 27 credit hours.*

	hrs.	Completed
<b>Public Relations Core</b>	<b>15</b>	
JOUR U201: Survey of Mass Communication		
JOUR U303: Law & Ethics of the Mass Media		
JOUR U328: Fundamentals of Public Relations		
JOUR U350: Social and Emerging Media		
JOUR U428: Public Relations Campaigns		
<b>Media History &amp; Theory</b>	<b>3</b>	
JOUR U302: Journalism's Role in History		
JOUR U310: Mass Media and Society		
JOUR U348: Illness, Culture and the Media		
JOUR U450: Women in the Media		
JOUR U480: Diversity in the Media		
POLI U365: Politics and Media		
SPCH U312: Rhetorical Theory		
Approved 300-level or above FILM course		
Approved 300-level or above SPCH course		
<i>Note: JOUR U398: Special Topics in Journalism and SPCH U398: Topics in Speech Communication may be used if appropriate.</i>		
<b>Professional Options</b>	<b>3</b>	
COMM U399: Intern. or Indep. Study in Mass Comm.		
FILM U326: Motion Picture and Video Techniques		
FILM U426: Advanced Video Production		
JOUR U304: Writing for the Media		
JOUR U330: TV Studio Production		
JOUR U333: News and Feature Writing		
JOUR U335: Video Editing		
JOUR U349: Health Messaging and the Media		
JOUR U360: Copyediting		
JOUR U429: Crisis Communication		
JOUR U430: Media Management		
MKTG U350: Principles of Marketing		

Another Marketing course for which MKTG U350 is the prerequisite		
PSYC U311: Industrial and Organizational Psychology OR SPCH U448: Organizational Communication		
<i>Note: JOUR U398: Special Topics in Journalism and SPCH U398: Topics in Speech Communications may be used if appropriate.</i>		

<b>Two additional courses from the above categories or any 300-level or above SPCH course</b>	<b>6</b>	
<i>Note: COMM U399 may be taken twice with appropriate consent to fulfil additional course categories.</i>		

<b>Cognate<sup>1</sup> (with approval of advisor) or Minor</b>	<b>12-21</b>	
	hrs.	Completed

<b>Electives</b>	<b>13-23</b>	
	hrs.	Completed

<b>Total Hours Required</b>	<b>120</b>
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<sup>1</sup> A minimum grade of C is required in major courses.



# Bachelor of Arts in Theatre

## Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U102, U120, U121, or U122	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any course in Mathematics or Natural Sciences listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; ECON U291; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; HONS U121; MATH U126, U127, U141, U142, U202, U231; PHYS U101; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
	Fine Arts, Humanities, and/or History	3	Any course in Fine Arts or History listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	3	Any course from any section above or ASLG U102; CHIN U102; FREN U102; GERM U102; SPAN U102; LIBR U201	

Major Requirements		18
<b>All students must complete the following six courses with a minimum grade of "C"</b>		
	hrs.	Completed
THEA U300: Script Analysis	3	
THEA U301: Dramatic Theory and Criticism	3	
THEA U377: Stagecraft	3	
THEA U373: Fundamentals of Play Directing	3	
THEA U385: Theatre History I	3	
THEA U386: Theatre History II	3	

**Students must complete the required 21 credit hours from Group A: Performance or Group B: Production and earn a minimum grade of C in all courses.**

GROUP A: PERFORMANCE		21
	hrs.	Completed
THEA U261: Rehearsal and Performance	3	
THEA U370: Voice for the Actor	3	
THEA U374: Intermediate Acting	3	
THEA U375: Audition Techniques	3	
THEA U376: Stage Movement for the Actor	3	
THEA U402: Alternative Styles in Acting OR THEA U401: Classical Styles in Acting	3	
THEA U473: Advanced Play Directing	3	

GROUP B: PRODUCTION		21
	hrs.	Completed
THEA U260: Theatre Laboratory	3	
THEA U310: Stage Makeup	3	
THEA U378: WYSIWYG Design	3	
THEA U379: Lighting Design	3	
THEA U380: Scene Design	3	
THEA U384: Technical Directing	3	
THEA U400: Scenography	3	

Supporting Courses		6
	hrs.	Completed
<b>All students must complete two of the following courses:</b>		
SPCH U340: Voice and Diction	3	
COMM U350: Foreign Study London	3	
THEA U378: Playwriting	3	
THEA U382: Theatre for Youth	3	
THEA U399: Internship or Indep.Study in Theatre	3	
ENGL U405: Shakespeare Survey	3	
ENGL U406: Studies in Shakespeare	3	
ENGL U422: Modern Drama	3	

Senior Seminar		3
	hrs.	Completed
THEA U490: Senior Seminar in Theatre	3	

Cognate (with approval of advisor) OR Minor		12-18
	hrs.	Completed

Electives		11-17
	hrs.	Completed

<b>Total Hours Required</b>	<b>120</b>
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## Minor in Art History *Student Worksheet*

Required Courses <sup>1,2,3</sup>	6 credit hours	
	credit hrs.	Completed
ARTH U105: History of Western Art: Prehistory - Middle Ages	3	
ARTH U106: History of Western Art: Renaissance - Present	3	
Additional Courses	12 credit hours	
Select four additional ARTH courses at or above the 200 level.		

Minimum Hours Required	18 credit hours	
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>		
<i>2 Minimum grade of C is required for all coursework.</i>		
<i>3 A minimum of 12 hours of upper division coursework is required.</i>		

## Minor in Commercial Music<sup>1,2,3</sup> *Student Worksheet*

Requirements	hrs.	Completed
MUSC U115: Commercial Music Theory and Aural Skills I	3	
MUSC U361: Music Business	3	
MUSC U364: Music Entrepreneurship	3	
One class selected from the following:		
MUSC U140: History of Rock Music <sup>4</sup>	3	
MUSC U310: Jazz History		
MUSC U302: Music History II		
Any 100- or 300-level music performance group (3 semesters for one credit each)	3	

3 credits selected from the following:	hrs.	Completed
MKTG U350: Principles of Marketing		
MUSC U398: Selected Topics in Music	3	
MUSC U111/U311: Applied Music (1-3)		
MUSC U325: Jazz Theory		

Total Hours Required	18 credit hours	
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>		
<i>2 Minimum grade of C is required for all coursework.</i>		
<i>3 A minimum of 12 hours of upper division coursework is required.</i>		
<i>4 Students taking MUSC U140 must take 300-level performance courses in order to meet the required 12 hours of upper-division coursework.</i>		

## Minor in Communication Studies<sup>1</sup> *Student Worksheet*

Required Courses <sup>1</sup>	3 credit hours	
	hrs.	Completed
SPCH U210: Interpersonal Communication	3	
Writing & Presentation Skills	<i>(3 credit hours: Choose one of the following)</i>	
INFO U345: Technical Presentation and Communication	3	
SPCH U313: Performance Studies	3	
SPCH U333: Advanced Public Speaking	3	
SPCH U360: Visual Rhetoric	3	
SPCH U440: Argumentation & Debate	3	
Culture & Communication <sup>2</sup>	<i>(6 credit hours: choose two of the following)</i>	
JOUR U480: Diversity in the Media	3	
SPCH U311: Dark Side of Interpersonal Comm.	3	
SPCH U312: Rhetorical Theory and Criticism	3	
SPCH U347: Environmental Communication	3	

SPCH U379: Health Narrative	3	
SPCH U380: Intercultural Communication	3	
SPCH U430: Communicating Difference in Social Institutions	3	
SPCH U450: Communicating for Social Change	3	
Professional Practices	<i>(6 credit hours: choose two of the following)</i>	
JOUR U303: Law & Ethics of the Mass Media	3	
JOUR U310: Mass Media and Society	3	
SPCH U303: Ethics in Human Commun.	3	
SPCH U309: Small Group Communication	3	
SPCH U330: Interviewing	3	
SPCH U348: Introduction to Organizational Communication	3	
Total Hours Required	18	
<i>1 A minimum grade of C is required in all courses.</i>		
<i>2 SPCH U398: Topics in Communication (3) may be taken in place of any category depending on department approval.</i>		

# Minor in Health Communication

## Student Worksheet

Courses required for the Minor <sup>1,2</sup> <i>(you may also specify acceptable subs.)</i>		
	hrs.	Completed
<b>Core Courses for the Minor (6 credits):</b>		
JOUR U349: Health Messaging and the Media (Required)	3	
SOCY U101: Introduction to Sociology (Required) <sup>3</sup>	3	
<b>Communication Emphasis (6 credits: Choose two of the following):</b>		
COMM U399: Internship or Independent Study in Mass Communication <sup>4</sup>	3	
JOUR U304: Writing for the Media	3	
JOUR U305: Mass Communication Theories	3	
JOUR U328: Fundamentals of Public Relations	3	
JOUR U348: Illness, Culture & the Media	3	
JOUR U398: Special Topics in Journalism <sup>5</sup>	3	
SPCH U301: Theories & Principles of Human Communication	3	
SPCH U309: Small Group Communication	3	
SPCH U311: Dark Side of Interpersonal Comm.	3	
SPCH U379: Health Narrative	3	
SPCH U398: Topics in Speech Communication <sup>5</sup>	3	
SPCH U448: Organizational Communication	3	

Applied Topics Regarding Health, Culture, and Society (6 credits: Choose two of the following):		
CAST U301: Introduction to Child Maltreatment	3	
CRJU U381: Alcohol, Drugs, and Public Policy	3	
EDHL U221: Lifelong Health and Wellness	3	
HIMS U201: Understanding Healthcare Organizations	3	
HIMS U250: Fundamentals of Healthcare Administration	3	
NURS U301: Nutrition	3	
POLI U374: Introduction to Public Policy	3	
SOCY U335: Fat Studies	3	
SOCY U357: Sociology of Mental Health & Mental Illness	3	
SOCY U361: Medical Sociology	3	
SOCY U363: Sociology of Death and Dying	3	

Minimum Hours Required	18 credit hours
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>2 A minimum of 12 hours of upper division coursework is required.</i>	
<i>3 If already taken as a Gen. Ed. course, any other course from this list may be substituted.</i>	
<i>4 Must be conducted in a health communications setting.</i>	
<i>5 Approval required from the Health Communication Coordinator for Special Topics courses.</i>	

# Minor in Jazz Studies<sup>1,2,3</sup>

## Student Worksheet

Requirements		
	hrs.	Completed
MUSC U115: Commercial Music Theory and Aural Skills I	3	
MUSC U310: Jazz History	3	
MUSC U325: Jazz Theory	3	
(4) credits to be completed from: MUSC U327: Jazz Band (1) and/or MUSC U326: Vocal Jazz (1)	4	
(2) credits to be completed from MUSC U111 (1) and/or MUSC U311: Applied Music (1)	2	

One course from any of the following:	3	
MUSC U345: Jazz Improvisation I (3)		
MUSC U361: Music Business (3)		
MUSC U364: Music Entrepreneurship (3)		
MUSC U398: Selected Topics in Music (3)		

Total Hours Required	18 credit hours
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>2 Minimum grade of C is required for all coursework.</i>	
<i>3 A minimum of 12 hours of upper division coursework is required.</i>	

# Minor in Mass Media

## Student Worksheet

Required Courses <sup>1</sup>		
	hrs.	Completed
JOUR U201: Survey of Mass Communication	3	
JOUR U303: Law & Ethics of the Mass Media	3	
JOUR U304: Writing for the Media	3	

Choose 9 credit hours from the following:		
	hrs.	Completed
Any 300-level JOUR course	3-9	
<b>or</b> FILM U326: Motion Picture and Video Techniques	3	
<b>or</b> COMM U399: Internship or Independent Study in Communication <sup>2</sup>	3	

<b>Total Hours Required</b>	<b>18</b>	
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<sup>1</sup> Minimum grade of C is required for all coursework.

<sup>2</sup> Students may complete COMM U399 as one 3-credit course or as two courses of 1 and 2 credits.

# Minor in Organizational Communication

## Student Worksheet

Courses required for the Minor <sup>1,2,3</sup> <i>(you may also specify acceptable subs.)</i>		
	hrs.	Completed
<b>Core Courses for the Minor (9 credits):</b>		
SPCH U201: Public Speaking	3	
SPCH U348: Introduction to Organizational Communication	3	
SPCH U448: Organizational Communication	3	
<b>Organizational Emphasis (Choose three of the following):</b>		<b>9</b>
SPCH U303: Ethics in Human Communication		
SPCH U309: Small Group Communication		
SPCH U330: Interviewing		
SPCH U333: Advanced Public Speaking		
SPCH U347: Environmental Communication		
SPCH U350: Communication and Gender		
SPCH U380: Intercultural Communication		
SPCH U430: Communicating Difference in Social Institutions		
SPCH: U450: Communicating for Social Change		

Applied Topics Regarding Organizational Communication (Choose one of the following):	3
ENGL U245: Business Writing *ENGL U345: Topics in Professional Writing *FREN U201: Intermediate French *FREN U308: Business French *GERM U201: Intermediate German *GERM U308: Business German *JOUR U328: Fundamentals of Public Relations *JOUR U349: Health Messaging and the Media *JOUR U428: Public Relations Campaigns *MGMT U371: Principles of Organizational Management *MGMT U374: Management of Human Resources *MGMT U377 Advanced Organizational Behavior *MGMT U378: The International Business Enterprise *NPAD U301: The Nonprofit Sector in the United States NPAD U302: Nonprofit Leadership *NPAD U304: Fundraising for Nonprofit Organizations *SPAN U201: Intermediate Spanish *SPAN U315: Spanish for the Professions: Business  *Prerequisite required; consult catalog	

<b>Total Hours Required (must be a minimum of 18)</b>	<b>21</b>
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<sup>1</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor.

<sup>2</sup> Minimum grade of C is required for all coursework.

<sup>3</sup> A minimum of 12 hours of upper division coursework is required.

# Minor in Public Relations

## Student Worksheet

Courses required for the Minor <sup>1,2,3</sup>		
<i>(you may also specify acceptable subs.)</i>		
	hrs.	Completed
<b>PR Minor Core (15 hours):</b>		
JOUR U201: Survey of Mass Communication	3	
JOUR U303: Law and Ethics of the Mass Media	3	
JOUR U328: Fundamentals of Public Relations	3	
JOUR U350: Social and Emerging Media	3	
JOUR U428: Public Relations Campaigns	3	
<b>Choose from one (1) of the following (3 hours):</b>		
COMM U399: Internship or Independent Study in Communication	1-3	
ENGL U318: Writing in Digital Environments	3	

ENGL U345: Topics in Professional Writing	3	
FILM U326: Motion Picture and Video Techniques	3	
FILM U426: Advanced Video Production	3	
Any other 300-level or above JOUR class	3	
Any 300-level or above SPCH class	3	

Minimum Hours Required	18 credit hours
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>2 Minimum grade of C is required for all coursework.</i>	
<i>3 A minimum of 12 hours of upper division coursework is required.</i>	

# Minor in Theatre

## Student Worksheet

Required Courses <sup>1,2,3,4</sup>		
	hrs.	Completed
THEA U161: Introduction to Theatre Art	3	
THEA U170: Fundamentals in Acting	3	
THEA U301: Dramatic Theory and Criticism or THEA U385: Theatre History I or THEA U386: Theatre History II	3	
THEA U377: Stagecraft or THEA U379: Lighting Design or THEA U380: Scene Design	3	
THEA U370: Voice for the Actor or THEA U376: Stage Movement for the Actor or THEA U373: Fundamentals of Play Directing	3	

THEA U374: Intermediate Acting or THEA U401: Classical Styles in Acting or THEA U402: Alternative Styles in Acting or THEA U378: Playwriting	3	
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Minimum Hours Required	18 credit hours
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>2 Minimum grade of C is required for all coursework.</i>	
<i>3 A minimum of 12 hours of upper division coursework is required.</i>	
<i>4 Any course taken to satisfy the requirements for the Communication major may not also be counted toward the requirements for the minor in Theatre.</i>	

# DEPARTMENT OF HISTORY, POLITICAL SCIENCE, PHILOSOPHY AND AMERICAN STUDIES

The Department of History, Political Science, Philosophy and American Studies in the College of Arts, Humanities, and Social Sciences offers the Bachelor of Arts degree in history and political science. Minors are offered in African American studies, history, political science, philosophy, pre-law, religion, southern studies, and American studies. Courses are also offered in the areas of logic and military science. In general, assignments for courses numbered U300 or above are more rigorous and the grading standards more demanding than for courses numbered U299 or lower.

## Bachelor of Arts Major in History

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U120, U121, U122, U126, U127, U141, U142, U231	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	Any Natural Science course/s listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201; GEOL U104, U120, U201; HONS U121; PHYS U101	
		3-4	Any Mathematics course listed above or one course from the following: ECON U291; LOGC U205, U207; MATH U102; PSYC U225; SOCY U201	
<b>III. Information Tech.</b>	Info. Tech.	3	CSCI U138, U150; INFO U101	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110; THEA U161, U170	
	History	3	HIST U102	
	Fine Arts, Humanities, and/or History	3	AMST U101, U102; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASGL U101; CHIN U101; FREN U101; GERM U101; SPAN U101; or placement in a 102 or higher level language course	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	POLI U101 and one course from the following: AFAM U201; ECON U221, U222; GEOG U101, U103; HONS U122; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Ed. Electives	0-3	Any approved general education course or courses.	

Major Requirements <sup>2,3</sup>		
	credit hrs.	Completed
HIST U300 <sup>4,5</sup>	3	
<b>History courses numbered 301 or higher</b> At least one course must be taken in each of the following areas:	<b>21</b>	
<b>United States history prior to 1877</b> (courses numbered U301-U305, U310, U312, U315, U318, U320, U322, U323, U351, U492, U495, U496)		
<b>United States history since 1865</b> (courses numbered U306-U308, U311-U313, U321-U323)		
<b>European history pre-1815</b> (courses numbered U330-U333, U347, U348, U351, U353, U354, U355, U493, U496)		
<b>European history post-1815</b> (courses numbered U335-U341, U349, U352, U353, U493, U496)		
<b>Asian history</b> (courses numbered U313, U370-U375)		
<b>Non-Western history excluding Asia</b> (courses numbered HIST U360, U361, U380, U381)		
History U500: Senior Seminar <sup>5</sup>	3	

Cognate or Minor	12-21
<b>History majors may select a cognate (12 hours) OR a minor (18-21 hours)</b>	

Cognate <sup>1</sup>		12
	credit hrs.	Completed

Minor <sup>1</sup>		18-21
	credit hrs.	Completed

Supporting Courses		15
	credit hrs.	Completed
History U101 <sup>2</sup>	3	
102-level foreign language	3	
History U105 <sup>2</sup>	3	
History U106 <sup>2</sup>	3	
<b>One course selected from:</b> American literature; American Studies; Art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech, theatre; world literature	3	

Electives		11-23
	credit hrs.	Completed

Total Hours Required	120
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<sup>1</sup>A minimum grade of C is required in all major, cognate or minor courses.  
<sup>2</sup>Fifteen credit hours of history, including senior seminar, applied toward graduation must be awarded by USC Upstate. In order to enroll in senior seminar, a student must have completed all the prerequisites with a minimum grade of C.  
<sup>3</sup>At least 12 hours of upper-level history courses w/ a grade of C or better are required for enrollment in HIST U500.  
<sup>4</sup>History majors must complete HIST U300, with a minimum grade of C, prior to enrolling in HIST U500.  
<sup>5</sup>This course may not be attempted more than twice. Attempts include receiving a "W," "WF," and "Audit." Appeals to this policy may be made to the Department of HPPA Academic Affairs Committee.



# Bachelor of Arts

## Major in Political Science

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U120, U121, U122, U126, U127, U141, U142, U231	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3	Any Mathematics course listed above or one course from the following: ECON U291; LOGC U205, U207; MATH U102; PSYC U225; SOCY U201	
<b>III. Information Tech.</b>	Info. Tech.	3	CSCI U138, U150; INFO U101, U102	
<i>Choose a minimum of one fine arts course and one history course.</i>				
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110; SOST U201; THEA U161, U170	
	History	3	HIST U101, U102, U105, U106	
	Fine Arts, Humanities, and/or History	3	ENGL U252; HONS U120; PHIL U102, U211; RELG U103	
<i>The minimum acceptable level of competency for a political science major is completion of the 102 level of a language. Students who place into the 201 or higher level of a language satisfy the language requirement but will have additional hours in general education electives.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	6	ASGL U101 & U102; or CHIN U101 & U102; or FREN U101 & U102; or GERM U101 & U102; or SPAN U101 & U102; or placement in a 201 or higher level language course	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	POLI U101 <sup>1</sup> and either ECON U221 or U222	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Ed. Electives	0-6	Any General Education course or courses.	

Major Requirements <sup>1</sup>			One course from each of the following four sub-fields: <b>American Politics:</b> POLI U238, U312, U324, U350, U360, U361, U362, U363, U364, U365, U366, U450, U451, U452, U462 or U463 <b>International and Comparative Politics:</b> POLI U310, U320, U325, U326, U327, U328, U330, U340, U345, U400, U408, U409, U420, U460 or U461 <b>Public Administration:</b> POLI U370, U374, U380, U390, U445, U571 or U572 <b>Political Theory:</b> POLI U300, U349, U385, U386, U387, U403 or U481	12
	credit hrs.	Completed		
POLI U210	3			
POLI U310	3			
POLI U320	3			
POLI U500 <sup>1,2</sup> : Senior Seminar	3			

<b>Other POLI courses</b> (300-Level and above):	<b>12</b>	
<b>Cognate or Minor</b>	<b>12-21</b>	
<b>Political Science majors may select either a cognate (12 hours) Or minor (18-21 hours).</b>		
<b>Cognate Option<sup>1</sup></b>	<b>12</b>	
	<b>credit hrs.</b>	<b>Completed</b>
<b>Minor Option<sup>1</sup> (Discipline)</b>	<b>18-21</b>	
	<b>credit hrs.</b>	<b>Completed</b>

<b>Supporting Courses</b>		
	<b>credit hrs.</b>	<b>Completed</b>
An additional 100-level history course or American Studies course	3	
<b>Three courses selected from the following:</b> African American Studies, American Studies, Anthropology, Criminal Justice, Economics, History, Philosophy, Psychology, Religion, Sociology and Women and Gender Studies	9	

<b>Electives</b>		<b>5-16</b>
	<b>credit hrs.</b>	<b>Completed</b>

<b>Total Hours Required</b>	<b>120</b>
<i>1 A minimum grade of C is required.</i>	
<i>2 Fifteen credit hours of political science, including senior seminar, applied to graduation must be awarded by USC Upstate.</i>	
<i>3 At least 12 hours of upper-level political science courses with a grade of C or better are required for enrollment in POLI U500.</i>	

# Minor in African American Studies

## Student Worksheet

Courses Required for the Minor <sup>1,2,3,4,5,6,7</sup>		
	credit hrs.	Completed
AFAM U201: Intro to African Amer. Studies	3	
AFAM U204: African American Culture	3	
<b>One of the following:</b> ENGL U391: African American Literature or ENGL U429: Harlem Renaissance	3	
<b>One of the following:</b> HIST U310: African American History to 1865 or HIST U311: African American History Since 1860	3	
<b>Two of the courses selected from the following disciplines:</b>	6	
AFAM U398: Topics in African American Studies		
ARTH U210: African Art		
ARTH U304: Southern Folk Art		
CRJU U380: Minorities, Crime and Criminal Justice		

CRJU U451/POLI U451: Civil Rights and Civil Liberties	
ENGL U391: African American Literature or ENGL U429: Harlem Renaissance <sup>7</sup>	
HIST U495: Topics in African American History or HIST U310: African American History to 1865 or HIST U311: African American History since 1860	
JOUR U480: Diversity and the Media	
MUSC U310: Jazz History	
SOCY U433: Race and Ethnic Relations	
<b>Total Hours Required</b>	<b>18</b>
<sup>1</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor. <sup>2</sup> Minimum grade of C is required for all coursework. <sup>3</sup> A minimum of 12 hours of upper division coursework is required. <sup>4</sup> English U102 must be completed before taking courses in the minor. <sup>5</sup> There are additional pre-requisites for courses in Criminal Justice, Sociology, and Government which may be met with general education or elective credit. <sup>6</sup> Topics courses numbered U398 may be used when the subject matter pertains to African American Studies. <sup>7</sup> Students may not use the same course to satisfy both the specified requirements and a selected requirement.	

# Minor in American Studies<sup>1,2</sup>

## Student Worksheet

Minor Requirements		
<i>Note: a minimum grade of C is required in all courses. A minimum of 12 hours of upper-level coursework is required.</i>		
	credit hrs.	Completed
AMST U101 or U102 <sup>1</sup>	3-6	
Any AMST Course numbered 300-level or above <sup>2</sup>	3-9	
<b>Additional Coursework</b>	<b>3-12</b>	
<i>No more than 6 hours from a single group. Only one course from the student's major, and the course cannot be counted for both major and minor credit.</i>		
<b>Group A: History</b> HIST U301, U302, U303, U304, U305, U306, U307, U310, U311, U312, U313, U320, U321, U322, U323, U380, U381		
<b>Group B: Literature</b> ENGL U307, U342, U383, U391, U425, U426, U427, U428, U429, U430, U447, U483		

<b>Group C: Fine Arts, Journalism and Languages</b> ARTH U205, U206, U304; JOUR U302, U303, U360; MUSC U310; SPAN U204, U332, U333; THEA U301		
<b>Group D: Social and Other Sciences</b> ANTH U102; GEOG U340, U424; GEOL U120; CRJU U310, U320, U321, U342; ECON U301; POLI U300, U340, U350, U361, U363, U364, U374, U385, U386, U450, U463; NPAD U301; SOCY U301, U310, U311, U320, U321, U323, U325, U327, U328, U329, U330, U333, U335, U337, U341, U343, U345, U347, U351, U353, U355, U357, U372; WGST U301, U355		
<b>Total Hours Required</b>	<b>18</b>	
<sup>1</sup> Students may take both AMST U101 and U102 if all other coursework is at the 300-level or above. <sup>2</sup> AMST U398, Topics may be used more than once with a change of topic.		

## Minor in History<sup>1</sup> Student Worksheet

Minor Requirements		
	credit hrs.	Completed
History U105 or U106 <sup>2</sup>	3	
History U101 or U102 <sup>2</sup>	3	
<b>Five history courses at 300-level or above.</b> At least one course must be taken in each of the following areas <sup>3</sup> : <b>United States history</b> (courses numbered U301-U323, U351-U352, U492, U495) / <b>European history</b> (courses numbered U330-U355, U493) / <b>Non-Western history</b> (courses numbered U313, U360-U391, U494)	15	


<b>Total Hours Required</b>	<b>20-21</b>
<sup>1</sup> A minimum grade of C is required in all courses. <sup>2</sup> Courses may also be used as general education credit. <sup>3</sup> With approval, students may apply relevant 400-level special topics courses, one-time-only courses, internships, and independent studies to the minor.	

## Minor in Philosophy<sup>1</sup>

### Student Worksheet

Required Courses		
	credit hrs.	Completed
Logic (Either LOGC U205 or U207)	3	
History of Philosophy (Either PHIL U201 or PHIL U202)	3	
Ethics (Either PHIL U211 or PHIL U311)	3	

Additional Philosophy Courses (numbered 201 or above)	9	

<b>Total Hours Required</b>	<b>18</b>
<sup>1</sup> A minimum grade of C is required	

## Minor in Political Science<sup>1</sup> Student Worksheet

Introductory Course	credit hrs.	Completed
POLI U101: American National Government	3	
Course Options (15 hours)		
15 credit hours from the following list, with no more than two courses from any subfield.		
<b>American Government</b> POLI U350: Women and American Politics POLI U362: Voting and Elections POLI U363: Southern Politics POLI U364: State and Local Government POLI U366: Politics and Social Media POLI U380: Environmental Policy POLI U450: Constitutional Law POLI U451: Civil Rights & Civil Liberties POLI U463: The American Presidency POLI U491: Topics in Political Science <sup>2</sup>		
<b>Political Process</b> POLI U340: U.S. Foreign Policy POLI U361: Political Behavior POLI U452: Judicial Process POLI U462: Legislative Process POLI U491: Topics in Political Science <sup>2</sup>		
<b>Public Administration</b> POLI U370: Intro to Public Administration POLI U374: Intro to Public Policy POLI U390: Urban Planning and Policy POLI U491: Topics in Political Science <sup>2</sup>		

<b>International and Comparative Politics</b> POLI U310: International Politics POLI U320: Comparative Politics POLI U325: African Politics POLI U326: Middle East Politics POLI U327: East Asian Politics POLI U328: East European Politics POLI U330: International Organizations POLI U345: Security Studies POLI U408: Democratization POLI U409: Politics of Non-Democracies POLI U420: Women/Politics: Global Perspective POLI U460: International Law POLI U461: Comparative Political Behavior POLI U491: Topics in Political Science <sup>2</sup>		
<b>Political Theory</b> POLI U300: Intro to Political Theory POLI U385: American Political Thought POLI U387: Democratic Theory POLI U403: History of Western Political Thought POLI U491: Topics in Political Science <sup>2</sup>		

<b>Total Hours Required</b>	<b>18</b>
<sup>1</sup> A minimum grade of C is required in all courses. <sup>2</sup> With written permission from a Political Science faculty member, students may apply POLI U491: Topics in Political Science to any appropriate subfield. This course may be repeated as topics vary.	

## Minor in Pre-Law<sup>1</sup> Student Worksheet

Required Courses		
	credit hrs.	Completed
PLAW U101: Introduction to Pre-Law	1	
POLI U101: American National Government	3	
LOGC U205: Introduction to Logic <b>OR</b> LOGC U207: Deductive Logic	3	
PLAW U495: Pre-Law Internship	3	
Course Options		
<b>Law</b> BADM U347: Legal Environment of Business CRJU U321 <sup>2</sup> : Criminal Law POLI U450: Constitutional Law POLI U460: International Law JOUR U303 <sup>2</sup> : Law and Ethics of the Mass Media	3	

<b>Ethics</b> PHIL U211: Contemporary Moral Issues PHIL U311: Ethics SPCH U303: Ethics in Human Communication	3	
<b>Communication</b> SPCH U312: Rhetorical Theory SPCH U440: Argumentation and Debate ENGL U245: Professional Writing CRJU U325 <sup>2</sup> : Criminal Trial Practice	3	
Additional Course (from the list below or any other 300- or 400-level course listed above) PLAW U350: Prelaw Studies Abroad POLI U452: The Judicial Process	3	

<b>Total Hours Required</b>	<b>22</b>
<small>1 A minimum grade of C is required 2 Prerequisite required; consult catalog.</small>	

## Minor in Religion<sup>1</sup> Student Worksheet

Required Courses		
	credit hrs.	Completed
RELG U100: American Religious Experience <b>or</b> RELG U103: Comparative Religion	3	
RELG U300: Asian Religious Traditions <b>or</b> RELG U301: Western Religious Traditions	3	
<b>Additional Courses</b>	12	
<i>Four courses from the following:</i>		
RELG U300: Asian Religious Traditions		

RELG U301: Western Religious Traditions		
RELG U305: Religion, Health & Healing		
RELG U306: Religion and Gender		
RELG U360: Modern Islam		
RELG U399: Topics in Religion (May be repeated when topics vary)		
<b>Total Hours Required</b>	<b>18</b>	
<small>1 A minimum grade of C is required</small>		

## Minor in Southern Studies Student Worksheet

Courses required for the Minor <sup>1,2,3</sup>		
	credit hrs.	Completed
<b>Required Courses</b>	12	
SOST U201: Intro to Southern Studies		
HIST U321: The South since 1865		
ENGL U447: Southern Literature		
HIST U310: African American History to 1865		
<b>Group A</b> <i>6 hours from the following list, with at least two disciplines represented.<sup>6</sup></i>	6	
HIST U305: Sectionalism and the Southern War		
HIST U320: The South to 1865		
HIST U322: The History of South Carolina		
HIST U323: Our Past: Upstate History		
MUSC U310: Jazz History		

POLI U363: Southern Politics <sup>7</sup>		
POLI U390: Urban Planning & Policy		
GEOG U101: The Upstate		
GEOL U120: Geology of the Southeast		
<b>Group B</b> <i>Minimum 3 hours from the following list.<sup>6</sup></i>	3	
SOST U399: Independent Study in South Studies (1-6 credit hours) <sup>4,5</sup>		
SOST U499: Internship in Southern Studies <sup>8</sup>		

<b>Total Hours Required</b>	<b>21</b>
<small>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor. 2 Minimum grade of C is required for all coursework. 3 A minimum of 12 hours of upper division coursework is required. 4 Prerequisite: SOST U201 and consent of instructor. 5 May be repeated when topics vary. 6 Substitutions will be allowed as appropriate with the consent of the chair of HPPA. 7 Prerequisite: written consent of instructor. 8 Prerequisites: SOST U201, junior or senior standing and consent of instructor.</small>	

# DIVISION OF LANGUAGES, LITERATURE AND COMPOSITION

The Division of Languages, Literature and Composition in the College of Arts, Humanities, and Social Sciences offers the Bachelor of Arts degree with majors in English and Spanish and minors in Creative Writing, English, Film Studies, French, German Studies, Global Studies, Spanish, and Spanish Translation/Interpreting. In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

## Bachelor of Arts: Major in English

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	<b>6</b>	ENGL U101, ENGL U102; HONS U101	
	Speech	<b>3</b>	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics <sup>1</sup>	<b>3-4</b>	MATH U102, U120, U121, U122, U126, U127, U141, U142, U231	
	Natural Science (w/ lab)	<b>4</b>	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	<b>3-4</b>	Any additional course listed above or one of the following: ASTR U111; BIOL U206, U240, U270; CHEM U106, ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; PSYC U225; SOCY U201	
<b>III. Info. Tech.</b>	Info. Technology	<b>3</b>	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	<b>3</b>	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	<b>3</b>	HIST U101, U102, U105, or U106	
	FA, Humanities, and/or History	<b>3</b>	An additional Fine Arts course listed above or one of the following: AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	<b>6</b>	A foreign language must be completed at the 102 level: ASLG U101, U102; CHIN U101, U102; FREN U101, U102; GERM U101, U102; SPAN U101, U102	
<b>VI. Social &amp; Behavioral Sci.</b>	Social & Behavioral Sci.	<b>3</b>	ANTH U102; AFAM U201; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. Gen. Ed. Elect.</b>	Gen. Ed. Elect.	<b>3</b>	Any approved general education course or courses.	

Major Requirements <sup>2</sup>				
	credit hrs.	Completed		
<b>Core Courses</b>	<b>18</b>			
The following courses are required for all majors:				
Six credits from the following: ENGL U275, U279, U280, U289, U290, World Language U201 (CHIN, FREN, GERM, SPAN) or ENGL U252	6		Introduction to the Study of Literature: ENGL U300	3
			Any Cultural Difference and Diversity literature course 300-level or above, such as ENGL U383, U387, U391, U437	3
			Any Shakespeare course 300-level or above, such as ENGL U405 or ENGL U406	3
			English U490: Senior Seminar	3

*(Continued on next page)*

Students must complete the required credit hours from either Group A: Literature/Film, Group B: Writing/Rhetoric, Group C: English for Speakers of Other Languages, or Group D: General English Studies

GROUP A: LITERATURE/FILM		27
	hrs.	Completed
ENGL U301, World Language (ASLG, CHIN, FREN, GERM or SPAN) U201 (if not taken above), U202, U250, SPAN U300 or higher, or ENGL U387 or ENGL U398 with world language topic	3	
Any 400-level American Literature (ENGL U425-U430)	3	
Any 400-level British Literature (ENGL U400-U424)	3	
Any 300- or 400-level film course (FILM U326-U499)	3	
Theory (ENGL U483, FILM U482)	3	
Four additional English/Film/ENSL courses 300- or 400-level course or internship	12	

GROUP B: WRITING/RHETORIC		27
	hrs.	Completed
ENGL U308, World Language (CHIN, FREN, GERM or SPAN) U201 (if not taken above) U202, U250, SPAN U300 or higher, GLST U301, or ENGL U387 or ENGL U398 with world language topic	3	
Any 300- or 400-level Professional/Technical Writing course or Internship	3	
Any 300- or 400-level Creative Writing course or Internship	3	
Any 300- or 400-level literature course	3	
Any 300- or 400-level rhetoric course	3	
Four additional English/Film/ENSL courses 300- or 400-level	12	

GROUP C: ENGLISH FOR SPEAKERS OF OTHER LANGUAGES		27
	hrs.	Completed
ENGL U252, World Language (ASLG, CHIN, FREN, GERM or SPAN) U201, U202, U250, SPAN U300 or above	3	
Any 300- or 400-level writing course or Internship	3	
ENSL U351	3	
Any 300- or 400-level ENSL course or Internship	3	
Five additional English/Film/ENSL/World Language courses 300- or 400-level, with no more than three credits coming from world languages	15	

GROUP D: GENERAL ENGLISH STUDIES		27
	hrs.	Completed
<b>Three courses from the following categories:</b>		
World Language (ASLG, CHIN, FREN, GERM or SPAN) U201 (if not taken above), U202, U250, SPAN U300 or above, GLST U301, or ENGL U387 or ENGL U398 with world language topic	9	
ENGL U301		
Any 300- or 400-level writing course or Internship		
Any 300- or 400-level Linguistics or English for Speakers of Other Languages course		
Theory (ENGL U459, U483, FILM U482)		
Six additional 300- or 400-level English/Film/ENSL courses or internship	18	

Cognate or Minor <sup>2</sup> <i>(in consultation with advisor)</i>	12-18* hrs.	Completed

Electives	15-23 hrs.	hrs.	Completed

<b>Total Hours Required</b>	<b>120</b>
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<sup>1</sup> Statistics is recommended for majors with an Applied Writing Focus Area.  
<sup>2</sup> A minimum grade of C is required.

# Minor in American Sign Language Interpreting

## Student Worksheet

Courses Required for the Minor <sup>1,2,3</sup>		
	credit hrs.	Completed
ASLG U202: Intermediate Sign Language II	3	
ASLG U310: Introduction to Interpreting	3	
ASLG U311: ASL-English Interpreting I	3	
ASLG U312: English-ASL Interpreting I	3	

ASLG U313: ASL-English Interpreting II	3	
ASLG U314: English-ASL Interpreting II	3	

<b>Total Hours Required (must be a minimum of 18)</b>	<b>18</b>
<i>1 Students must have successfully completed ASLG U202 or demonstrate equivalent proficiency through an interview with the instructor as a prerequisite for all 300- or 400-level ASLG courses</i> <i>2 Minimum grade of C is required for all coursework.</i> <i>3 A minimum of 12 hours of upper division coursework is required.</i>	

# Minor in Creative Writing

## Student Worksheet

Courses Required for the Minor <sup>1,2</sup> (you may also specify acceptable subs.)		
	credit hrs.	Completed
ENGL U208: Intro to Creative Writing or ENGL U308: Interm. Wkshp in Creative Writing	3	
ENGL U468: Advanced Creative Writing	3	
<b>Two courses chosen from the following:</b>	<b>6</b>	
ENGL U308 (if not taken above)		
ENGL U362: Writing in the Fantasy Genre		
ENGL U364: Fiction Workshop		
ENGL U366: Poetry Workshop		
ENGL U368: Life Writing Workshop		

ENGL U370: Creative Nonfiction Workshop		
ENGL U397: Topics in Creative Writing		
THEA U378: Playwriting		
<b>Two additional English classes numbered 300 or above.</b>	<b>6</b>	

<b>Total Hours Required</b>	<b>18</b>
<i>1 Minimum grade of C is required for all coursework.</i> <i>2 A course taken in the major cannot also be counted toward the minor.</i>	

# Minor in English

## Student Worksheet

Courses Required for the Minor <sup>1,2,3,4</sup>		
	credit hrs.	Completed
<b>Two of the following:</b> English U208, U245, U250, U252, U275, U279, U280, U283, U289, U290, U291, U300	3 3	
<b>Four additional English courses at the 300- or 400-level.</b>	<b>12</b>	
English minors may complete any combination of upper-level English courses or may select one of four focus areas based on course topics and themes: American Literature, British Literature, Writing, or Literature and Culture.		


<b>Total Hours Required</b>	<b>18</b>
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i> <i>2 Minimum grade of C is required for all coursework.</i> <i>3 A minimum of 12 hours of upper division coursework is required.</i> <i>4 With approval, students may apply relevant ENGL special topics courses, one-time only courses, internships, and independent studies to the minor.</i>	



# Minor in Film Studies

## Student Worksheet

Courses Required for the Minor <sup>1,2,3,4,5</sup>		
	credit hrs.	Completed
FILM U240: Introduction to Film	3	
FILM U425: Film History to 1967 or FILM U435: Film History after 1967	3	
<b>Four courses from the following:</b>	<b>12</b>	
FILM U326: Motion Picture and Video Techniques		
FILM U341: Literature and Film		
FILM U342: Film Genre (may be repeated for credit if topic changes)		
FILM U360: Film Directors (may be repeated for credit if topic changes)		
FILM U398: Special Topics in Film (may be repeated for credit if topic changes)		

FILM U425: Film History to 1967 (if not taken as requirement)	
FILM U426: Advanced Cinema Production	
FILM U435: Film History after 1967 (if not taken as requirement)	
FILM U475: International Film	
FILM U480: Interdisciplinary Approaches to Film (may be repeated for credit if topic changes)	
FILM U481: Cultural Diversity and Difference in Film (may be repeated for credit if topic changes)	
FILM U482: Film Theory & Criticism	

Total Hours Required	18
<sup>1</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor. <sup>2</sup> Minimum grade of C is required for all coursework. <sup>3</sup> A minimum of 12 hours of upper-division coursework is required. <sup>4</sup> With approval of advisor, students may apply relevant courses to the minor if the topic relates to film; special topic courses; one-time only courses, internships; and independent studies. <sup>5</sup> A course taken in the minor cannot also be counted toward the major.	

# Minor in French

## Student Worksheet

Courses Required for the Minor <sup>1</sup>		
The minor in French prepares students for careers working with companies, organizations, schools, and communities from throughout the francophone world, including Europe, Africa, Asia, and North and South America.		
	credit hrs.	Completed
<b>One of the following:</b> (requirement may be completed through exemption credit):	<b>3</b>	
FREN U202: Intermediate French II		
FREN U210: French Oral Communication		
<b>Five of the following:</b>	<b>15</b>	
FREN U308: Business French		
FREN U309: French Grammar and Comp.		
FREN U310: French Conversation		

FREN U320: French Civilization	
FREN U330: Survey of French Literature I	
FREN U331: Survey of French Literature II	
FREN U250 or U350: Selected French Studies Abroad	
FREN U398: Topics in French Language or Literature	
FREN U399: Independent Study	
FREN U402: Masterpieces of French Drama	
FREN U403: Masterpieces of the French Novel	
FREN U499: Internship	

Total Hours Required	18
<sup>1</sup> A minimum grade of C is required for all coursework.	

# Minor in German Studies

## Student Worksheet

Courses required for the Minor <sup>1</sup>		
The minor in German Studies prepares students for careers working with multinational companies, organizations, schools, and communities in the Upstate and throughout the German-speaking world, including Europe, Africa, and North and South America.		
	credit hrs.	Completed
GERM U201: Intermediate German I (requirement may be completed through exemption credit)	3	
GERM U202: Intermediate German II (requirement may be completed through exemption credit)	3	

Four of the following:	12	
GERM U210: German Oral Communication		
GERM U250 or U350: Selected German Studies Abroad		
GERM U308: Business German		
GERM U310: German Conversation		
GERM U325: Modern German Literature in Translation		
GERM U398: Topics in German Literature/Language		
GERM U399: Independent Study		
GERM U499: Internship		
HIST U340: Germany since 1871		
<b>Total Hours Required</b>	<b>18</b>	
<i>1 A minimum grade of C is required for all coursework.</i>		

# Minor in Global Studies

## Student Worksheet

Courses Required for the Minor <sup>1,2</sup>		
The minor in Global Studies is intended to prepare students for careers that engage the global community either at home or abroad. Students who complete the minor demonstrate their experience and ability to live and work in international environments and to communicate effectively across global cultures. Completion of this minor will fulfill the world language and intercultural competence requirements of USC Upstate's Peace Corps Prep Program.		
	credit hrs.	Completed
ANTH U102: Understanding Other Cultures	3	
GLST U301: Global Cultures and Identities	3	
World Language requirement (6 hours)		
Two courses (U201 or U202) of either Chinese, French, German or Spanish. Courses may be exempted by placement test or advanced standing by successfully completing a world language course for which U202 is a prerequisite.	6	
Experience Abroad		
Study abroad coursework, internship, service learning, or independent study, such as FREN U350, GERM U350, SPAN U350, ENGL U350, ENGL U355, POLI U355, or similar course in another field.	3	

One additional course from among the following:	3	
Any 300- or 400-level world language, literature, or culture course in FREN, GERM, or SPAN.		
ENGL U275: Masterpiece of World Literature		
ENGL U387: Topics in Literature, Culture, and Difference (focused on international topic)		
ENGL U398: Topics in Language and Literature (focused on international topic)		
FILM U475: International Film		
POLI U310: International Politics		
POLI U320: Comparative Politics		
POLI U330: International Organizations		
SPCH U380 Intercultural Communication		
Any 300- or 400-level course examining an international topic or country other than the United States.		
<b>Total Hours Required</b>	<b>18</b>	
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>		
<i>2 Minimum grade of C is required for all coursework.</i>		

# Global Competence Certificate

## Student Worksheet

Courses Required for the Certificate <sup>1,2,3,4</sup>	
Global competence is one of the most important career skills in the 21st-century economy. The Global Competence Certificate prepares students to understand international issues and the interdependence of local and global communities; navigate intercultural encounters and relationships; communicate and collaborate with people from diverse cultures, perspectives, and languages; and take actions to ensure prosperity within a global marketplace and within the global economy of the Upstate region.	
	Credit Hrs.
Four 300- or 400-level globally-focused courses from at least two disciplines chosen from the following:	12
CRJU U383; CRJU U386/SOCY U359; ECON U303; ENGL U387; FINA U461; FILM U475; FREN U308-U499; GERM U308-U499; GLST U301-U499; HIST U374-U378; HIST U381; JOUR U315; MGMT U378; POLI U310-U320; POLI U325-U327; POLI U330, U408, U420, U460; RELG U300, U360; SOCY U329-U330; SOCY U343-U349; SPAN U304-U499; SPCH U380; or any 300- or 400-level USC Upstate study abroad, special topics, or internship course with a global and/or intercultural focus. <sup>4</sup>	

Total Hours Required	12
<p><i>1 Minimum grade of C is required for all coursework.</i></p> <p><i>2 A course taken in the major cannot also be counted toward the certificate.</i></p> <p><i>3 Only degree-seeking students enrolled at USC Upstate are eligible to complete this certificate in conjunction with their degree requirements.</i></p> <p><i>4 Consult the Academic Catalog for course prerequisites or placement requirements for all upper-division courses.</i></p>	

# Bachelor of Arts Major in Spanish

## Student Worksheet

The Spanish major prepares students to communicate in Spanish, to understand Hispanic cultures worldwide, to participate in multilingual communities, to draw comparisons and connections between various cultural and linguistic systems, and to connect Spanish with other disciplines in the University and with various professions in the competitive global marketplace of the Upstate and beyond.

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U102, U120, U121, U122, U126, U127, U141, U142, U231	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Sci.	3-4	Any additional course listed above or one of the following: ASTR U111; BIOL U206, U240, U270; CHEM U106, ECON U291; GEOG U201, U202; GEOL U104, U120; HONS U121; LOGC U205, U207; PSYC U225; SOCY U201	
<b>III. Info. Technology</b>	Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208 ; HONS U120; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	3	HIST U101, U102, U105, U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. World Languages &amp; Culture</b>	World Language	6	SPAN U101 and U102 (or placement into SPAN U201 or above)	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behav. Sci.	3	AFAM U201; ANTH U102 (recommended for students pursuing the Peace Corps Prep Program); ECON U221, U222; GEOG U101, U102; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Elect.</b>	Gen. Ed. Elec.	6	Any approved general education course or courses, including humanities courses not listed above.	

Major Requirements <sup>1</sup>		
	credit hrs.	Completed
<b>Core Courses</b>	<b>27-33</b>	
The following courses are required for all majors:		
SPAN U201 (or appropriate placement)	3	
SPAN U202 (or appropriate placement)	3	
One course related to the study of cross cultural encounters such as ANTH U102, ENGL U275, ENGL U387, GLST U301, SPCH U380	3	
SPAN U301: Introduction to Hispanic Literature	3	

SPAN U309: Advanced Spanish Language I	3	
SPAN U310: Advanced Oral Practice	3	
SPAN U314: Advanced Spanish Language II	3	
<b>One Spanish Language Course:</b> SPAN U300, U311, U312, U315, U350, U454, U398/ U399/U499 (lang. topic),	3	
<b>One Spanish Culture Course:</b> SPAN U304, U320, U321, U350, U398/U399/U499 (culture topic)	3	
<b>One Spanish Literature Course:</b> SPAN U340, U341, U420, U431, U398/U399/U499 (literature topic)	3	
SPAN U490: Senior Seminar	3	

<b>Four additional Spanish courses 300- to 400-level. At least one course beyond SPAN U490 must be 400-level.</b>	<b>12</b>	
<b>Cognate or Minor<sup>1</sup></b>	<b>12-18 hrs.</b>	<b>hrs. Completed</b>

<b>Electives</b>	<b>13-26 hrs.</b>	<b>hrs.</b>	<b>Completed</b>
<b>Total Hours Required</b>			<b>120</b>
<i>1 A minimum grade of C is required for all courses.</i>			

## Minor in Spanish *Student Worksheet*

<b>Courses Required for the Minor<sup>1,2,3</sup></b>		
The minor in Spanish will require 18 hours, with at least 15 hours of upper division courses: 3 credit hours from SPAN U202 (may be exempted by placement test or consent of the instructor); 15 credit hours from upper division courses.		
	<b>credit hrs.</b>	<b>Completed</b>
<b>Required Course:</b> <i>(may be exempted by placement test or consent of instructor)</i>	<b>3</b>	
SPAN U202: Intermediate Spanish		

<b>Any five 300- or 400-level courses:</b>	<b>15</b>	
<b>Total Hours Required</b>		<b>18</b>
<i>1 A minimum grade of C is required.</i>		
<i>2 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>		
<i>3 With approval, students may apply relevant Spanish special topics courses, one-time-only courses, internships, and independent studies to the minor.</i>		

## Minor in Spanish Translation/Interpreting *Student Worksheet*

<b>Courses Required for the Minor<sup>1,2,3</sup></b>		
	<b>credit hrs.</b>	<b>Completed</b>
<b>Required Courses:</b>	<b>12</b>	
SPAN U309: Advanced Spanish Language I	3	
SPAN U311: Introduction to Translation	3	
SPAN U312: Introduction to Interpreting	3	
ENGL U252: Understanding English Grammar	3	
<b>One of the following:</b>	<b>3</b>	
SPAN U499: Internship		

ENGL U245: Business Writing		
ENGL U318: Writing in Digital Environments		
ENGL U345: Topics in Professional Writing		
ENGL U371: Grant Writing		
<b>One of the following:</b> Any additional upper-division Spanish course, 300-level or higher	<b>3</b>	
<b>Total Hours Required</b>		<b>18</b>
<i>1 Up to two courses (6 credit hours) may be used to satisfy requirements of both the minor and general education and/or the minor and the Spanish major.</i>		
<i>2 Minimum grade of C is required for all coursework.</i>		
<i>3 All 300-level Spanish courses require SPAN U202 or exemption by placement test as a prerequisite.</i>		

# DEPARTMENT OF PSYCHOLOGY

The Department of Psychology, in the College of Arts, Humanities, and Social Sciences, offers the Bachelor of Science and the Bachelor of Arts degrees in psychology. A minor is also offered in psychology. In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

## Bachelor of Science and Bachelor of Arts<sup>1</sup> Major in Psychology Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101 <sup>2</sup> , ENGL U102 <sup>2</sup> ; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U121, U122, U126, U127, U141, U142	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L, U243/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	6-8	Two additional courses from the lists above, or from the following: BIOL U206, U240, U270; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; HONS U121; MATH U102, U202	
<b>III. Information Tech.</b>	Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSCU110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105 or U106	
	Fine Arts, Humanities, and/or History	3	One additional course from the fine arts or history lists above, or from the following: AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency for a psychology major is completion of the 102 level of a language. Students who place into the 201 or higher level of a language satisfy the language requirement but will have additional hours in general education electives.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U102; CHIN U102; FREN U102; GERM U102; SPAN U102; or placement in a 201 or higher level language course.	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	3	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>	Gen. Ed. Elect.	3	LIBR U201 or any course listed above	

Major Requirements <sup>3,4,5,6</sup>		
	credit hrs.	Completed
PSYC U101	3	
PSYC U225	3	
PSYC U325	4	

	credit hrs.	Completed
<b>At least FIVE CORE courses, one from each group</b>	15	
PSYC U305: Sensation and Perception PSYC U308: Physiological Psychology		

PSYC U303: Learning and Memory PSYC U304: Cognitive Psychology PSYC U306: Cognitive Neuroscience		
PSYC U307: Social Psychology PSYC U309: Personality Psychology		
PSYC U302: Developmental Psychology PSYC U310: Psychological Disorders PSYC U312: Health Psychology		
PSYC U311: Ind. / Org. Psychology PSYC U330: Applied Psychology		
<b>Elective psychology courses selected from core and/or other psychology courses</b>	<b>9</b>	
One 400-level psychology course	3	
PSYC U502: Senior Seminar	3	
<b>Cognate or Minor</b>		<b>12-21</b>
<b>Psychology majors may select either a cognate (12 hours) OR a minor (18-21 hours)</b>		
<b>Cognate Option<sup>2</sup></b> (Courses selected in conjunction with psychology advisor. See Cognate section of catalog for description)		<b>12</b>
	<b>credit hrs.</b>	<b>Completed</b>

<b>Minor Option<sup>2</sup></b> (See Minor section of catalog for description and requirements)		<b>18-21</b>
	<b>credit hrs.</b>	<b>Completed</b>

<b>Electives</b> (for a B.A. degree 6 hours of elective credit must be Foreign Language 201-202)		<b>13-25</b>
	<b>credit hrs.</b>	<b>Completed</b>

<b>Total Hours Required<sup>3</sup></b>	<b>120</b>
<p><i>1 Normally students will receive a Bachelor of Science degree. Students who wish to pursue a Bachelor of Arts degree must complete foreign language U201 and U202.</i></p> <p><i>2 A minimum grade of C is required.</i></p> <p><i>3 A minimum grade of C is required in all major courses.</i></p> <p><i>4 To enroll in all psychology courses, prerequisites must be completed with a C or higher.</i></p> <p><i>5 18 credit hours of psychology (12 credit hours from core courses, three credit hours from courses at the 400-level and three credit hours from senior seminar) applied toward graduation must be awarded by USC Upstate. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C.</i></p> <p><i>6 A psychology course used to meet major requirements may not be attempted more than twice. Attempts include receiving a "W", "WF", and "Audit." Appeals to this policy may be made to the Psychology Academic Affairs Committee.</i></p>	

## Minor in Child Advocacy Studies

### Student Worksheet

<b>Required Courses<sup>1</sup></b>		
	<b>credit hrs.</b>	<b>Completed</b>
<b>Choose one of the following courses:</b> PSYC U101, SOCY U101, CRJU U101	3	
CAST U301: Intro. to Child Maltreatment	3	
CAST U401: CA I: Sys. Respon. to Child Maltr.	3	
CAST U402: CA II: Prevent/Interven. Strat.	3	
CAST U499: Child Advocacy Internship	3	
<b>Course Options<sup>1</sup></b>		
<b>Choose two of the following courses:</b> PSYC U302, SOCY U341, CRJU U384, CRJU U325, CRJU U343, CRJU U350, CRJU U382, CAST U398*, WGST U345	6	
<b>Total Hours Required</b>		<b>21</b>
<p><i>1 A minimum grade of C is required for all coursework.</i></p> <p><i>*May be repeated when topics vary.</i></p>		

## Minor in Psychology<sup>1,2</sup>

### Student Worksheet

<b>Required Courses</b>		
	<b>credit hrs.</b>	<b>Completed</b>
Psychology U101	3	
One Course from the following: U303, U304, U305, U306, U308	3	
One Course from the following: U302, U307, U309, U310, U311, U312, U330	3	
Two Additional Courses from either group listed above	6	
Two Additional Psychology Courses at the 300-level or above	6	
<b>Total Hours Required</b>		<b>21</b>
<p><i>1 A minimum grade of C is required for all courses.</i></p> <p><i>2 Nine credit hours of psychology (including at least three credit hours from each group) applied toward graduation must be awarded by USC Upstate.</i></p>		

# SOCIOLOGY, CRIMINAL JUSTICE AND WOMEN'S & GENDER STUDIES

The Department of Sociology, Criminal Justice and Women's & Gender Studies in the College of Arts, Humanities, and Social Sciences offers the Bachelor of Arts degree in sociology and the Bachelor of Science degree in criminal justice. Minors are offered in sociology, criminal justice, and women's and gender studies. In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

## Bachelor of Arts Major in Sociology *Student Worksheet*

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3	MATH U120 or MATH U121	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L	
	Logic and Natural Science	6	LOGC U205 or U207 and one of the following: ASTR U111, BIOL U206, U240, U270; CHEM U106; GEOG U103, U201, U202; GEOL U104, U120; HONS U121	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138; DGST U101; or INFO U101, U102	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	3	HIST U101 or U102	
<i>The minimum acceptable level of competency is completion of the 102 level of a language. Students who place into the 102 level of a language must complete three (3) hours of language and will have an additional three (3) hours in general education electives. Students who place into the 201 level or higher of a language satisfy the language requirement but will have an additional six (6) hours in general education electives.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	6	ASLG U101, U102; CHIN U101, U102; FREN U101, U102; GERM U101, U102; HONS U250, U350; SPAN U101, U102	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	POLI U101 and one of the following ANTH U102; HONS U122, U201, U301; PSYC U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Ed. Electives	0	Any General Education course or courses.	



Major Requirements <sup>1,2,3</sup>		
	credit hrs.	Completed
<b>Five core sociology courses</b>	<b>15</b>	
SOCY U101		
SOCY U201		
SOCY U301		
SOCY U302		
SOCY U499: Senior Seminar		
<b>Seven additional upper-level sociology courses</b>	<b>21</b>	

Cognate or Minor	12-21
Sociology majors may select either a cognate (12 hours) or a minor (18-21 hours).	

Cognate Option <sup>4</sup>		
	credit hrs.	Completed

Minor Option <sup>5,6</sup>		
	credit hrs.	Completed

Supporting Courses		
	credit hrs.	Completed
<b>Choose two courses from Fine Arts, Humanities, History:</b> African-American Studies, Art History, History, Music, Theatre, American Studies, English, Film, Philosophy, Religion	6	
<b>Choose two courses from Social and Behavioral Sciences:</b> Anthropology, Economics, Geography, Political Science, Psychology, Women's and Gender Studies	6	

Electives		
	credit hrs.	Completed

Total Hours Required	120
<p><small>1 A minimum grade of C is required.</small></p> <p><small>2 Note: 15 credit hours of sociology (beyond SOCY U101) including senior seminar, applied toward graduation, must be awarded by USC Upstate.</small></p> <p><small>3 A sociology course used to meet major requirements may not be attempted more than twice. Attempts include receiving a "W," "WF," and "Audit." Appeals to this policy may be made to the Department of Sociology, Criminal Justice and Women's Studies Academic Affairs Committee.</small></p> <p><small>4 A minimum grade of "C" is required</small></p> <p><small>5 18 hours minimum</small></p> <p><small>6 Must include 12 hours of upper division coursework.</small></p>	

## Minor in Sociology

### Student Worksheet

Minor Requirements <sup>1</sup>		
	credit hrs.	Completed
SOCY U101: Introductory Sociology	3	
SOCY U301: Sociological Theory	3	
SOCY U302: Sociological Research Methods	3	

Three upper-level sociology courses (310 or above)	9	
<b>Total Hours Required</b>	<b>18</b>	
<small>1 A minimum grade of C is required in all coursework.</small>		

# Bachelor of Science Major in Criminal Justice\*

*Student Worksheet*

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	<b>6</b>	ENGL U101, ENGL U102; HONS U101	
	Speech	<b>3</b>	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	<b>3</b>	MATH U120 or MATH U121	
	Natural Science (w/ lab)	<b>4</b>	ASTR U111/U111L; BIOL U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; or PHYS U101/U101L	
	Math, Logic and/or Natural Science	<b>3</b>	LOGC U205, U207; GEOG U201; <i>or</i> HONS U121	
<b>III. Information Technology</b>	Information Technology	<b>3</b>	CSCI U138; DGST U101; INFO U101, U102 or MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	<b>3</b>	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	<b>3</b>	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	<b>6<sup>1</sup></b>	<b>Choose any 2:</b> ASLG U101, U102; CHIN U101, U102; FREN U101, U102; GERM U101, U102; HONS U250, U350; SPAN U101, U102	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	<b>9</b>	HONS U122, U201, U301; PSYC U101, SOCY U101, & POLI U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Ed. Electives	<b>0-6</b>	Any General Education course or courses.	

*1 Students who place into the 102 level of a language must complete three (3) hours of language and will have an additional three (3) hours in general education electives. Students who place into the 201 level or higher of a language satisfy the language requirement but will have an additional six (6) hours in general education electives. It is not necessary for all 6 hours to be from the same language.*

Major Requirements <sup>1</sup>		
	credit hrs.	Completed
CRJU U101: Introduction to Criminal Justice	3	
CRJU U210: Policing in America	3	
CRJU U220: The Criminal Courts	3	
CRJU U230: Introduction to Corrections	3	
CRJU U361: Crim. Justice Research Methods	3	
CRJU U371: Criminological Theory	3	
CRJU U501: Criminal Justice Senior Seminar	3	
<b>Additional upper-level criminal justice courses</b> (A maximum of 6 hours may be earned from CRJU U490: Internship. Palmetto College students may not have the option of an internship)	<b>15</b>	
To enroll in all criminal justice courses, prerequisites must be completed with a C or higher.		
A criminal justice course used to meet major requirements may not be attempted more than twice. Attempts include receiving a "W," "WF," and "AUDIT." Appeals to this policy may be made to the Department of Sociology, Criminal Justice, and Women's Studies Academic Affairs Committee.		

Supporting Courses			9
	credit hrs.	Completed	
Statistics <sup>1</sup> : CRJU U362 <i>or</i> MATH U102 <i>or</i> PSYC U225 <i>or</i> SOCY U201			
Ethics: CRJU U403 <i>or</i> PHIL U211, U311, <i>or</i> U321, <i>or</i> SPCH U303			
<b>One course from the following disciplines:</b> African American Studies, Anthropology, Child Advocacy Studies, History, Philosophy, Political Science, Psychology, Sociology, Women's & Gender Studies.			

OPTIONAL: Crime Analysis Concentration			15
	credit hrs.	Completed	
CRJU U272: Foundations of Crime Analysis	3		
CRJU U365: Tactical Crime Analysis	3		
CRJU U366: Strategic Crime Analysis	3		
CRJU U468: Advanced Topics in Crime Analysis	3		
CRJU U498: Practical Crime Analysis	3		

Cognate or Minor	12-27
<b>Criminal justice majors may select a cognate (12 hours) or a minor (18-21 hours)</b> <i>Palmetto College students need to select a cognate. No minors are currently offered online.</i>	

Cognate <sup>1</sup>			12
	credit hrs.	Completed	

Minor <sup>1</sup> (Discipline)			18-27
	credit hrs.	Completed	

Electives			0-17
	credit hrs.	Completed	

Total Hours Required	120
<sup>1</sup> A minimum grade of C is required in all major courses. Note: Fifteen credit hours of criminal justice (beyond CRJU U101), including senior seminar, applied toward graduation must be awarded by USC Upstate.	

\*The B.S. in Criminal Justice is also offered through Palmetto College. Currently enrolled USC Upstate students who wish to transfer to the Palmetto College must have permission of the Chair of the Department of Sociology, Criminal Justice, and Women's Studies. For more information, visit <http://palmettocollege.sc.edu>.

The Palmetto College Bachelor of Science Degree in Criminal Justice is intended to provide students who have earned 60 hours of college credit with the opportunity to complete their degree in an online program. Course work is typically offered in a fast-paced 8-week format. For more information visit <http://palmettocollege.sc.edu>.

## Bachelor of Science Palmetto College Major in Criminal Justice Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	<b>6</b>	ENGL U101, ENGL U102; HONS U101	
	Speech	<b>3</b>	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	<b>3</b>	MATH U120 or MATH U121	
	Natural Science (w/ lab)	<b>4</b>	ASTR U111/U111L; BIOL U110/L, U143/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; or PHYS U101/U101L	
	Math, Logic and/or Natural Science	<b>3</b>	LOGC U205, U207; GEOG U201; <b>or</b> HONS U121	
<b>III. Information Technology</b>	Information Technology	<b>3</b>	CSCI U138; DGST U101; INFO U101, U102 or MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	<b>3</b>	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	<b>3</b>	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	<b>6<sup>1</sup></b>	<b>Choose any 2:</b> ASLG U101, U102; CHIN U101, U102; FREN U101, U102; GERM U101, U102; HONS U250, U350; SPAN U101, U102	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	<b>9</b>	HONS U122, U201, U301; PSYC U101, SOCY U101, & POLI U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Ed. Electives	<b>0-6</b>	Any General Education course or courses.	

<sup>1</sup> Students who place into the 102 level of a language must complete three (3) hours of language and will have an additional three (3) hours in general education electives. Students who place into the 201 level or higher of a language satisfy the language requirement but will have an additional six (6) hours in general education electives. It is not necessary for all 6 hours to be from the same language.

Major Requirements <sup>1</sup>		
	credit hrs.	Completed
CRJU U101: Introduction to Criminal Justice	3	
CRJU U210: Policing in America	3	
CRJU U220: The Criminal Courts	3	
CRJU U230: Introduction to Corrections	3	
CRJU U361: Crim. Justice Research Methods	3	
CRJU U371: Criminological Theory	3	
CRJU U501: Criminal Justice Senior Seminar	3	
<b>Additional upper-level criminal justice courses</b>	<b>15</b>	

Supporting Courses		
	credit hrs.	Completed
Statistics <sup>1</sup> : CRJU U362 <i>or</i> MATH U102 <i>or</i> PSYC U225 <i>or</i> SOCY U201		
Ethics: CRJU U403 <i>or</i> PHIL U211, U311, U321		
<b>One course from the following disciplines:</b> African American Studies, Anthropology, Child Advocacy Studies, History, Philosophy, Political Science, Psychology, Sociology, Women's & Gender Studies.		

OPTIONAL: Crime Analysis Concentration		
	credit hrs.	Completed
CRJU U272: Foundations of Crime Analysis	3	
CRJU U365: Tactical Crime Analysis	3	
CRJU U366: Strategic Crime Analysis	3	
CRJU U468: Advanced Topics in Crime Analysis	3	
CRJU U498: Practical Crime Analysis	3	

Cognate <sup>1</sup>		
	credit hrs.	Completed

Electives		
	credit hrs.	Completed

Total Hours Required	120
<p><sup>1</sup> A minimum grade of C is required in all major courses.</p> <p><b>Note:</b> Fifteen credit hours of criminal justice (beyond CRJU U101), including senior seminar, applied toward graduation must be awarded by USC Upstate.</p> <p>To enroll in all criminal justice courses, prerequisites must be completed with a C or higher.</p> <p>A criminal justice course used to meet major requirements may not be attempted more than twice. Attempts include receiving a "W." Appeals to this policy may be made to the Department of Sociology, Criminal Justice, and Women's Studies e Academic Affairs Committee.</p> <p>*The Bachelor of Science in Criminal Justice offered through the Palmetto College is a separate degree from the USC Upstate Bachelor of Science in Criminal Justice. Currently enrolled USC Upstate students who wish to transfer to the Palmetto College must have permission of the Chair of Department of Sociology, Criminal Justice, and Women's Studies.</p>	

## Minor in Criminal Justice, *Student Worksheet*

Minor Requirements <sup>1</sup>		15
	credit hrs.	Completed
CRJU U101: Introduction to Criminal Justice	3	
CRJU U210: Policing in America	3	
CRJU U220: The Criminal Courts	3	
CRJU U230: Introduction to Corrections	3	
CRJU U371: Criminological Theory	3	

Additional upper-level Criminal Justice courses <i>A maximum of 3 hours may be earned from CRJU U490: Internship</i>	6	

<b>Total Hours Required</b>	<b>21</b>
<i>1 A minimum grade of C is required.</i>	

## Minor in Women's & Gender Studies<sup>1</sup>

### *Student Worksheet*

Introductory Course <sup>2</sup>		3
	credit hrs.	Completed
WGST U101: Introduction to Women's and Gender Studies		
Theory Course		3
WGST U301: Feminist Theory and Methods		
Additional Courses		12
12 credit hours from the following list, with no more than two courses from any individual discipline (except WGST), and no more than one course from within the student's major program		
ARTH U301: Women and Gender in Art		
CRJU U352: Sexual Misconduct		
CRJU U382: Women and Crime		
ENGL U389: Gay and Lesbian Literature		
ENGL U437: Women Writers		
HIST U351: Women in Early Modern Europe and America		
HIST U352: Women in Modern Europe and America		
HIST U378: Women and Gender in Modern China		
HIST U496: Topics in Women's History		
JOUR U450: Women in the Media		
POLI U350: Women and American Politics		
POLI U420: Women and Politics: A Global Perspective		

PSYC U442: Psychology of Women	
RELG U306: Religion and Gender	
SOCY U335: Fat Studies	
SOCY U337: Gender and Society	
SPCH U350: Communication and Gender	
WGST U345: Girls Studies	
WGST U355: U.S. Women's Movement	
WGST U365: LGBTQ Studies	
WGST U375: Feminist Disability Studies	
WGST U380: Gender, Disability, Eugenics: US and Germany, 1900-1945	
WGST U385: Mad Feminism	
WGST U398: Topics in Women's and Gender Studies <sup>4</sup>	
WGST U399: Independent Study	
WGST U499: Internships	

<b>Total Hours Required</b>	<b>18</b>
<i>1 Minimum grade of "C" for all courses required.</i>	
<i>2 Course may also be used to satisfy general education requirements. If used for general education, students will have satisfied the requirement for the minor and will be excused from the credit hour requirements for the preparatory course.</i>	
<i>3 With the written approval of the director of Women's and Gender Studies, students may apply relevant special topics courses, one-time only courses, internships and independent studies to the minor.</i>	
<i>4 This course may be repeated for credit when topics vary.</i>	

## \*Critical Disabilities Studies Certificate

### Student Worksheet

Courses Required for the Certificate <sup>1</sup>	
The field of Critical Disability Studies introduces students to an interdisciplinary body of scholarship that recovers the histories, philosophies, and artistic contributions of people with disabilities and counteracts their exclusion from a variety of academic disciplines, social institutions, and built environments.	
	Credit Hrs.
Up to 6 hours selected from ASLG U310, U311, U312, U313, <b>or</b> U314	
EDFO U341: Introduction to Exceptional Learners/Special Education	
ENGL U347: Accessibility and Professional Writing	

ENGL U375: Disability and Rhetoric	
ENGL U388: Disability and Literature	
SPCH U379: Health Narrative	
WGST U375: Feminist Disability Studies	
WGST U380: Gender, Disability, and Eugenics: U.S. and Germany, 1900-1945	
WGST U385: Mad Feminism	
<b>Total Hours Required<sup>2</sup></b>	
<b>12</b>	
<sup>1</sup> Minimum grade of C is required for all coursework. <sup>2</sup> Certificates must require a minimum of 12 hours.	

## \*Women's and Gender Studies Certificate

### Student Worksheet

Courses Required for the Certificate <sup>1</sup>	
A certificate in Women's and Gender Studies improves career-readiness for majors across the disciplines as a marker of cultural sensitivity regarding social inequalities related to gender and its intersectional relationship to race, sexuality, age, disability, religion, nationality, and other categories of social inequality.	
At least one upper level WGST course	
	Credit Hrs.
WGST U301: Feminist Theory and Methods	
WGST U345: Girls' Studies	
WGST U355: U.S. Women's Movement	
WGST U365: LGBTQ Studies	
WGST U375: Feminist Disability Studies	
WGST U380: Gender, Disability, and Eugenics: US and Germany, 1900-1945	
WGST U385: Mad Feminism	
WGST U398: Topics in Women's and Gender Studies	
WGST U399: Independent Study	
WGST U499: Internship	

Three additional courses from WGST courses above or approved electives in other disciplines listed below	
	Credit Hrs.
ARTH U301: Women and Gender in Art	
CRJU U352: Sexual Misconduct	
CRJU U382: Women and Crime	
ENGL U389: Gay and Lesbian Literature	
ENGL U437: Women Writers	
HIST U351: Women in Early Modern Europe and America	
HIST U352: Women in Modern Europe and America	
HIST U378: Women and Gender in Modern China	
HIST U496: Topics in Women's History	
JOUR U450: Women in the Media	
POLI U350: Women and American Politics	
POLI U420: Women and Politics: A Global Perspective	
PSYC U442: Psychology of Women	
RELG U306: Religion and Gender	
SOCY U335: Fat Studies	
SOCY U337: Gender and Society	
SPCH U350: Communication and Gender	
<b>Total Hours Required<sup>2</sup></b>	
<b>12</b>	
<sup>1</sup> Minimum grade of C is required for all coursework. <sup>2</sup> Certificates must require a minimum of 12 hours.	

\*pending CHE approval

# George Dean Johnson, Jr. College of Business and Economics

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Students of the Johnson College benefit from first class student services at “The George” (as the downtown building is affectionately called).

## **Bachelor of Science in Business Administration:**

\*Majors: Accounting, Economics/Finance,  
Entrepreneurship & Innovation, Logistics & Supply  
Chain Management, Management, Marketing

Minors: Business Administration, Business & Entrepreneurship, Economics

*\*Spring 2021 pending CHE approval*

*Up is where we live.*

**UPSTATE**  
University of South Carolina



## ACCREDITATION

Business programs are accredited by AACSB International—The Association to Advance Collegiate Schools of Business (600 Emerson Road, Suite 300, St. Louis, Mo. 63141-6762; Telephone 314-872-8481).

## MISSION

The mission of the Johnson College of Business and Economics is to prepare diverse students to excel in the dynamic Upstate and global economies through quality business education that emphasizes cognitive and experiential learning and engagement with the Upstate community. Our strategic goals are to:

- Deliver an excellent business education that produces career-ready graduates.
- Attract, develop, and retain exceptional faculty and staff.
- Positively impact the economic well-being of the Upstate community.

## DEGREE PROGRAMS

The Johnson College of Business and Economics offers programs leading to the degree of Bachelor of Science in Business Administration in accounting, economics and finance, entrepreneurship and innovation, logistics and supply chain management, management, and marketing. In addition to the Spartanburg downtown campus on East St. John Street, select courses are offered at the Greenville campus.

All Johnson College students are required to take the specified general education courses. All students then take a common business and economics core sequence, spanning the full range of business functions. Finally students select a concentration.

Students should begin with the recommended curriculum as early as possible. This sequence includes a combination of business, economics and general education courses suggested for each semester in which the student is enrolled. It is imperative that students begin their mathematics/statistics sequence in the first semester of their freshman year and continue this sequence each semester to make adequate progress in any of the business concentrations. Students in business administration and economics are advised by the faculty and professional staff from the Johnson College of Business and Economics.

Students not pursuing a business degree may earn a maximum of 29 semester hours in business courses, excluding ECON U221, U222, U291, and U292, providing they meet the course prerequisites and have earned 54 credit hours before enrolling in 300-level and above courses.

Students pursuing a Bachelor of Science degree in Business may also pursue any university approved minor except the economics minor, the business and entrepreneurship minor, and the business administration minor. See catalog section concerning minors. Usually, completing the degree with a minor will require more than the minimum 120 credit hours to graduate.

## ADMISSION TO THE PROFESSIONAL PROGRAM (Upper Division)

Students seeking a degree in business must be admitted to the Professional Program (upper division) before enrolling in 300-level or above courses

offered through the Johnson College of Business and Economics.

## APPLICATION PROCESS

The professional program application form may be obtained from the Johnson College of Business and Economics (JCBE) Office of Student Services or on the JCBE website. The application must be filed with the JCBE Office of Student Services no earlier than the term in which students anticipate completing 54 credit hours.

## APPLICATION DEADLINES

Students must be accepted into the professional program before they are eligible to register for upper level (300 and above) business and economics courses.

## ADMISSION REQUIREMENTS

Admission of applicants is based on individual consideration. Each applicant must fulfill the following requirements:

- Successful completion of 54 credit hours
- Life Scholarship GPA of at least 2.2
- Completion with a C or better: ENGL U101, ENGL U102, SPCH U201, and MATH U122
- Successful completion of ACCT U225 and ECON U221 or U222

## PROBATIONARY ADMISSION

Students may be granted probationary admission to the Professional Program for the semester applied for in order to register for upper division courses for that semester. To receive probationary admission, a student must be registered for all additional courses required for full admission to the Professional Program as stated above. If the student does not satisfactorily complete all of the required courses in the semester applied for, he/she may not enroll in any additional upper division courses until all requirements are met and a new program application is submitted and approved. In such cases, it is the student's responsibility to make the necessary schedule adjustments for the following semester, that is, to make sure that he/she is not enrolled in any upper division business or economics courses until he/she has received full admission to the Professional Program.

### *Transfer Students and Probationary Approval*

Transfer students who have met the 54-credit hour and GPA requirements at time of admission may be granted conditional admission for one semester in order to complete the specific course requirements.

## HONOR SOCIETIES

**Beta Gamma Sigma** is the international honor society serving business programs accredited by AACSB International - The Association to Advance Collegiate Schools of Business. The Mission of Beta Gamma Sigma is "to encourage and honor academic achievement in the study of business, to foster personal and professional excellence, to advance the values of the Society, and to serve its lifelong members." Membership in Beta Gamma Sigma is by invitation only and is limited to seniors and rising seniors who are in the top 10 percent of their class, who have completed 30 or more semester hours in residence at USC Upstate and at least nine hours of the JCBE Upper Level Core.

**Beta Alpha Psi** is an international honor organization for accounting, finance and information systems students attending universities accredited by the Association to Advance Collegiate Schools of Business or the European Quality Improvement System. Beta Alpha Psi has a stellar reputation for instilling the principles of excellence, achievement and service in tomorrow's financial information leaders. The purpose of Beta Alpha Psi is to recognize

outstanding academic achievements in the field of accounting, finance, and information systems; promote the study and practice of professional fields related to these disciplines; provide opportunities for self-development and association among members and practicing financial professionals; encourage a sense of ethical, social, and public responsibilities. Membership in Beta Alpha Psi is by invitation only.

### GRADUATION REQUIREMENTS

In addition to meeting the curriculum requirements for a degree from the Johnson College of Business and Economics, graduation requires a minimum overall GPA of 2.0. A minimum grade of C (S in BADM U499) is required for any course submitted for fulfillment of a major requirement, except one D is permitted in a 200-level course. At least 50 percent of the business and economics credit hours applied toward graduation must be awarded by USC Upstate.

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## JCBE Pathway to Degree Completion

### Freshman Year—Fall

English U101  
Math U122 (or appropriate math placement)  
Computer Science U138  
Foreign Language  
Free Elective (University U101 suggested)

### Freshman Year—Spring

English U102  
Math U122 or Natural Lab Science  
(if Math U122 completed)  
History U101 or U102  
Fine Arts  
Social/Behavioral Science

### Sophomore Year—Fall

Speech U201  
Economics U291  
Accounting U225  
Economics U221 or U222  
Natural Lab Science (if not completed) or  
Management U290

### Sophomore Year—Spring

Accounting U226  
Economics U221 or U222  
Economics U292  
Fine Arts, Humanities, and/or History  
Management U290 (if not completed) or  
Non-lab Natural Science

### Junior Year—Fall

Marketing U350  
Management U371  
Business Concentration Course  
Free Elective  
Free Elective

### Junior Year—Spring

Accounting U347  
Finance U363  
Management U372  
Business Concentration Course  
Free Elective

### Senior Year—Fall

Business International Course  
Business Concentration Course  
Business Concentration Course  
Free Elective  
Free Elective

### Senior Year—Spring

BADM U478  
Business Concentration Course  
Business Concentration Course or Free Elective  
(depending on the concentration requirements)  
Free Elective  
Free Elective

# Bachelor of Science in Business Administration, Major in Accounting

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECON U221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	ECON U303 or FINA U461	3	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
MKTG U350: Principles of Marketing	3		
<b>Accounting Major Courses</b>			
	ACCT U331: Intermediate Accounting I	3	
	ACCT U332: Intermediate Accounting II	3	
	ACCT U333: Accounting for Decision Making & Control	3	
	ACCT U335: Individual Tax Planning	3	
	ACCT U433: Accounting Controls Systems	3	
	ACCT U435: Auditing	3	
	<b>One of the following five courses:</b> ACCT U336: Governmental & Not-for-profit Accounting ACCT U348: Issues in Commercial Law ACCT U432: Advanced Federal Taxation ACCT U437: Advanced Accounting ACCT U455: Topics in Accounting	3	

(Continued on next page)

Electives		17-19
	credit hrs.	Completed

Total Hours Required	120
<p><i>1 To be eligible to take the CPA exam in South Carolina, a person must have 120 semester credit hours, including 24 hours of accounting and 24 hours of other business courses. To qualify for the CPA license in South Carolina, a person must have 150 semester credit hours with a baccalaureate or higher degree with 36 hours in accounting (with at least 24 hours at the junior level or above) and 36 hours of other business courses. Please see an accounting advisor concerning additional requirements.</i></p> <p><i>2 Students planning to take the Certified Public Accountant examination should take ACCT U437 Advanced Accounting in addition to the accounting concentration courses.</i></p> <p><i>3 Consult with advisor regarding the acceptability of ACCT U455 toward satisfying the South Carolina CPA 150 hour rule.</i></p>	

# Bachelor of Science in Business Administration, Major in Economics and Finance

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECONU221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYCU101; SOCY U101; WGSTU101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	ECON U303: International Economics	3	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
MKTG U350: Principles of Marketing	3		
<b>Economics &amp; Finance Major Courses</b>			
	ECON U301: Money & Banking	3	
	ECON U322: Intermediate Macro Theory	3	
	ECON U326: Managerial Economics	3	
	<b>Three of the following:</b> ACCT U333: Acct. for Decision Making & Control ECON U311: Issues in Economics ECON U455: Topics in Economics FINA U364: Financial Institut./Markets FINA U365: Principles of Investments MGMT U390: Strat. Mgmt. of Info Sys. FINA U455: Topics in Finance FINA U461: Intern. Business Finance	9	
<b>Electives</b>			<b>20-22</b>
		credit hrs.	Completed
<b>Total Hours Required</b>			<b>120</b>

# Bachelor of Science in Business Administration, Major in Entrepreneurship and Innovation

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECON U221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYCU101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	ECON U303, FINA U461, MGMT U378, or MKTG U452	3	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
MKTG U350: Principles of Marketing	3		
<b>Entrepreneurship &amp; Innovation Major Courses</b>			
	ACCT U333: Accounting for Decision Making and Control	3	
	ENTR U393: Innovation, Creativity, and Change	3	
	FINA U366: Analysis of Financial Statements and Information	3	
	MGMT U471: New Business Enterprise	3	
	<b>Three of the following:</b> ACCT U335: Individual Tax Planning BADM U499: Business Internship ENTR U455: Topics in Entrepreneurship and Innovation ENTR U492: Business Plan Development LSCM U381: Global Strategic Supply Chain MGMT U475: Advanced Operations Management MKTG U351: Consumer Behavior MKTG U457: Marketing Research MKTG U459: Personal Selling and Sales Management	9	
	INFO U347: Web Page Construction <b>or</b> INFO U415: E-Commerce and the Internet		

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<b>Electives</b>		<b>14-16</b>
	<b>credit hrs.</b>	<b>Completed</b>
<b>Total Hours Required</b>		<b>120</b>

# Bachelor of Science in Business Administration, Major in Logistics and Supply Chain Management

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECONU221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYCU101; SOCYU101; WGSTU101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
	MGMT U378: International Business Enterprise	3	
MKTG U350: Principles of Marketing	3		
<b>Logistics &amp; Supply Chain Management Major Courses</b>			
	LSCM U381: Global Strategic Supply Chain	3	
	LSCM U382: Logistics and Distribution	3	
	LSCM U383: Supply Chain Management	3	
	<b>One of the following:</b> ACCT U333: Accounting for Decision Making and Control ECON U326: Managerial Economics	3	
	<b>Three of the following, if not taken to fulfill above requirements:</b> ACCT U333: Accounting for Decision Making and Control BADM U499: Business Internship ECON U303: International Economics ECON U326: Managerial Economics FINA U461: International Business Finance LSCM U384: International Trade Compliance LSCM U455: Topics in Logistics and Supply Chain Management MGMT U475: Advanced Operations Management MGMT U476: Process Improvement MKTG U452: International Marketing	9	

(Continued on next page)



<b>Electives</b>		<b>14-16</b>
	<b>credit hrs.</b>	<b>Completed</b>
<b>Total Hours Required</b>		<b>120</b>

# Bachelor of Science in Business Administration, Major in Management

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECONU221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYCU101; SOCYU101; WGSTU101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
	MGMT U378: International Business Enterprise	3	
MKTG U350: Principles of Marketing	3		
<b>Management Major Courses</b>			
	MGMT U374: Mgmt. of Human Resources	3	
	MGMT U377: Advanced Organiz. Behavior	3	
	MGMT U390: Strat. Mgmt. of Info Syst.	3	
	MGMT U471: New Business Enterprise	3	
	MGMT U475: Adv. Operations Mgmt.	3	
	<b>One of the following:</b> ACCT U333: Acc. for Deci-mkng / Control ECON U326: Managerial Economics	3	

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	<p><b>One of the following, if not taken to fulfill above requirements:</b>  ACCT U333: Accounting for Decision-making and Control  BADM U499: Business Internship  ECON U303: International Economics  ECON U326: Managerial Economics  ENTR U393: Innovation, Creativity, and Change  ENTR U492: Business Plan Development  FINA U461: Internatl. Business Finance  LSCM U381: Global Strategic Supply Chain Management  LSCM U382: Logistics and Distribution Management  LSCM U384: International Trade Compliance  LSCM U455: Topics in Logistics and Supply Chain Management  MGMT U378: Internl. Business Enterprise  MGMT U455: Topics in Management  MGMT U476: Process Improvement  MKTG U452: International Marketing</p>	3	
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Electives		14-16
	credit hrs.	Completed
<b>Total Hours Required</b>		<b>120</b>

# Bachelor of Science in Business Administration, Major in Marketing

## Student Worksheet

Requirement Area/Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6-7	ECON U291 and either MATH U122 or MATH U141	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U110/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L	
Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; LOGC U205, U207; MATH U142; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101 or U102	
Fine Arts, Humanities, and/or History	3	A Fine Arts or History course listed above or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HIST U105, U106; PHIL U102, U211; RELG U103	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	ECONU221 and one of the following: AFAM U201; ANTH U102; GEOG U101, U103; POLI U101, U320; PSYCU101; SOCYU101; WGSTU101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Major Course Requirements</b>			
<b>Business Core Courses</b>		credit hrs.	Completed
<b>Lower Division</b>	ACCT U225: Financial Accounting	3	
	ACCT U226: Managerial Accounting	3	
	ECON U222: Principles of Microeconomics	3	
	ECON U292: Statistical Inference	3	
	MGMT U290: Intro to Business Info Systems	3	
<b>Upper Division</b>	ACCT U347: Legal Environment of Business	3	
	BADM U478: Senior Sem. Busin. Strat.	3	
	BADM U498: Major Field Test in Business	1	
	ECON U303, MKTG U452, FINA U461, <i>or</i> MGMT U378	3	
	FINA U363: Business Finance	3	
	MGMT U371: Principles of Organiz. Mgmt.	3	
	MGMT U372: Operations Management	3	
MKTG U350: Principles of Marketing	3		
<b>Marketing Major Courses</b>			
	MKTG U351: Consumer Behavior	3	
	MKTG U352: Marketing Communications	3	
	MKTG U457: Marketing Research	3	
	MKTG U458: Marketing Management	3	
	<b>Three of the following:</b> MGMT U377: Adv. Organiz. Behavior MGMT U390: Strat. Mgmt. of Info Syst. MKTG U353: Marketing Channels MKTG U455: Topics in Marketing MKTG U456: Business Marketing MKTG U459: Personal Sell & Sales Mgmt. MGMT U471: New Business Enterprise BADM U499: Business Internship	9	
<b>Electives</b>			<b>14-16</b>
		credit hrs.	Completed
<b>Total Hours Required</b>			<b>120</b>

## Minor in Business Administration

### Student Worksheet

Required Courses <sup>1,2,3</sup>		
	credit hrs.	Completed
ACCT U225: Financial Accounting	3	
ECON U221: Principles of Macroeconomics or ECON U222: Principles of Microeconomics	3	
MKTG U350: Principles of Marketing	3	
MGMT U371: Principles of Organizational Management	3	

<b>Two additional courses</b> to be selected from 300-level ACCT, BADM, ECON, FINA, MGMT, MKTG courses. <b>Recommended courses:</b> ACCT U347, MKTG U351, FINA U369, MGMT U374 and MGMT U390	6	

<b>Total Hours Required</b>	<b>18</b>
<small>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.            2 Minimum grade of C in all coursework.            3 A minimum of 12 hours of upper division coursework is required.</small>	

## Minor in Business and Entrepreneurship

### Student Worksheet

Required Courses <sup>1</sup>		
	credit hrs.	Completed
MGMT U380: Financial Concepts and Applications for New Ventures	3	
ENTR U393: Innovation, Creativity, and Change	3	
MGMT U471: New Business Enterprise	3	

<b>Nine additional credit hours to be selected from:</b> ECON U221 or ECON U222, ENTR U455, ENTR U492, FINA U366, LSCM U381, MGMT U372, MKTG U350, MKTG U351, MKTG U457, MKTG U459	9	

<b>Total Hours Required</b>	<b>18</b>
<small>1 Minimum grade of C in all courses</small>	

## Minor in Economics<sup>1</sup>

### Student Worksheet

Required Courses <sup>1</sup>		
	credit hrs.	Completed
ECON U221: Principles of Macroeconomics <sup>2</sup>	3	
ECON U222: Principles of Microeconomics <sup>2</sup>	3	
ECON U322: Intermed. Macroeconomic Theory	3	
ECON U326: Managerial Economics	3	

Six additional credit hours to be selected from ECON U301, U303, U311, or U455	6	

<b>Total Hours Required</b>	<b>18</b>
<small>1 Minimum grade of C in all courses            2 6 hours may be used to satisfy general education credit</small>	

# School of Education, Human Performance, and Health

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The School of Education, Human Performance, and Health has developed curricula leading to the baccalaureate in nine broad fields:

## **Bachelor of Arts:**

Majors: Child Development & Family Studies, Community Health, Early Childhood Education, Elementary Education, Middle Level Education, Secondary Education: English, Social Studies/History, or Spanish concentrations

## **Bachelor of Science:**

Majors: Exercise & Sport Science, Physical Education, Secondary Education: Biology, Chemistry, or Math concentrations, Special Education: Learning Disabilities

## **School of Education, Human Performance and Health**

Minors: Coaching, Education, Sport Strength & Conditioning

*Up* is where we live.

**UPSTATE**  
University of South Carolina

The School of Education, Human Performance, and Health is a nationally accredited professional school with the chief responsibility of preparing teachers for public schools, grades PK through 12. The School of Education, Human Performance, and Health exercises responsibility for decisions directly affecting the teacher education curriculum and each major aspect of the teacher education process. The School of Education, Human Performance, and Health offers programs in child development and family studies, community health, early childhood education, elementary education and middle level education leading to the Bachelor of Arts degree, in exercise and sport science, physical education and special education leading to a Bachelor of Science degree, and in secondary education leading to either the Bachelor of Arts or Bachelor of Science degree. The unit offers Master's of Education degrees in applied learning instruction and special education with a concentration in visual impairment. In addition to teaching professional coursework, the faculty of the school undertake research projects that contribute to improvement in the theory and practice of their professional fields. Faculty members conduct research, publish scholarly articles, and engage in service activities designed to assist professionals across a wide range of sectors, including health and human services, health care, PK-12 education, and fitness. Faculty and staff from the School of Education, Human Performance, and Health work collaboratively with schools and agencies throughout our region, providing expertise and fostering internship and service learning opportunities for students as they progress through their degree programs.

The School of Education, Human Performance, and Health maintains a curriculum resources center for the use of USC Upstate students, faculty, staff and area public school teachers. This facility provides curriculum aids for instructors at all levels.

### **USC UPSTATE SCHOOL OF EDUCATION, HUMAN PERFORMANCE, AND HEALTH CONCEPTUAL FRAMEWORK SUMMARY**

According to the Council for the Accreditation of Educator Preparation (CAEP), a conceptual framework is: "...an underlying structure in a professional education unit that gives conceptual meanings through an articulated rationale to the unit's operation, and provides direction for programs, courses, teaching, candidate performance, faculty scholarship and service, and unit accountability."

The following are components of the USC Upstate School of Education, Human Performance, and Health conceptual framework:

#### **The USC Upstate School of Education, Human Performance, and Health Vision**

The USC Upstate School of Education, Human Performance, and Health aims to be recognized nationally for its outstanding teacher preparation programs whose graduates are excellent, learner-centered practitioners and professionals.

#### **The USC Upstate School of Education, Human Performance, and Health Mission**

- To prepare effective teachers who are reflective practitioners and professionals.
- To serve the needs of schools in the state of South Carolina, particularly the upstate, working collaboratively with K-12 school personnel.
- To advance understanding of how teaching and learning occur effectively.

#### **The USC Upstate School of Education, Human Performance, and Health Goals**

- The faculty and candidates of the USC Upstate Professional Program demonstrate reflective teaching practice,
- The faculty and candidates of the USC Upstate Professional Program demonstrate learner-centered pedagogy,
- The faculty and candidates of the USC Upstate Professional Program demonstrate performance-based assessment,
- The faculty and candidates of the USC Upstate Professional Program demonstrate a commitment to diversity
- The faculty and candidates of the USC Upstate Professional Program demonstrate a commitment to professional responsibility.

### **The USC Upstate School of Education, Human Performance, and Health Philosophy**

The faculty members and administrators of the SOE have developed a set of consistent principles and values that serves as the foundation of the school's approach to curriculum, pedagogy and program development.

- A general exposure to and an appreciation of the traditional liberal arts and sciences of both western and non-western traditions.
- A specific exposure to the most up-to-date pedagogical theories and practices.
- A set of ethical principles, values, and dispositions.
- A commitment to the principle of equality of educational opportunity for all students regardless of group or individual differences.
- A commitment to knowledge of both theory and practice and an understanding of how one informs and strengthens the other.

### **Theoretical Underpinnings of the USC Upstate School of Education, Human Performance, and Health Program**

The philosophy of the SOE is consistent with the tenants of progressivism and constructivism. Practices and behaviors consistent with these approaches include:

- Application of problem-solving and scientific inquiry;
- Use of cooperative learning experiences and self-discipline;
- Emphasis on how to think not what to think with the teacher serving as a guide;
- Appreciation of the interdisciplinary nature of learning;
- Preparation of all students for full participation in a democracy.

### **Guiding Principles of the USC Upstate School of Education, Human Performance, and Health**

In accordance with its mission, philosophy, and theoretical orientation, the SOE follows these guiding principles based on the Interstate New Teacher Assessment and Support Consortium (INTASC) and the South Carolina Assistance, Development and Evaluation of Professional Teaching (ADEPT) standards. Teachers prepared at USC Upstate:

- demonstrate competence as effective long-range instructional planners;
- demonstrate competence as effective daily instructional planners;
- demonstrate competence in the areas of student assessment and reflective self-assessment;
- establish high expectations for all learners;
- are knowledgeable of and capable of implementing a variety of instructional strategies which utilize state of art instructional technology;
- possess thorough and accurate knowledge of the content they teach;
- effectively monitor student learning and provide meaningful feedback to students;
- maintain a classroom environment that promotes and facilitates learning;

- manage their classrooms effectively with equity, firmness, and fairness;
- strive to develop as a teacher both professionally and personally.

### **Guiding Principles of USC Upstate**

#### **Graduate Education Programs**

Using the model teacher paradigm captured in the propositions of the National Board for Professional Teaching Standards, USC Upstate graduate programs are built around these propositions. Teachers completing USC Upstate graduate programs:

- demonstrate reflective teaching practice.
- demonstrate learner-centered pedagogy.
- demonstrate performance-based assessment.
- demonstrate a commitment to and affirm diversity.
- demonstrate a commitment to professional responsibility.

#### **Multicultural/Diversity Perspectives in USC Upstate Teacher Education Programs**

Its mission, philosophy, principles and organizing themes serve as the root of the USC Upstate School of Education, Human Performance, and Health's commitment to multicultural education. Graduates of SOE programs as reflective teachers:

- believe that all children can learn;
- create a learning environment that is anti discriminatory;
- understand, respect, and accommodate for group and individual differences;
- instruct for empathy and tolerance;
- instruct for altruism;
- promote justice, empathy and tolerance.

#### **Performance Assessment in USC Upstate Teacher Education Programs**

The USC Upstate SOE assessment systems monitor and measure candidate progress through both the undergraduate and graduate programs on a continuous basis. Portfolios are an important tool used to assess both the performance of the candidates and the quality of programs. Portfolios for undergraduate are aligned with INTASC and ADEPT standards; undergraduate portfolios are developed over the course of programs and finally completed during the student teaching semester.

#### **Technology in the School of Education, Human Performance, and Health Professional Program**

Guided by the standards of the International Society for Technology in Education (ISTE) USC Upstate teacher education majors at both the undergraduate and graduate levels:

- Demonstrate a sound understanding of technology operations and concepts;
- Plan and design effective learning environments supported by technology;
- Implement curriculum plans that include methods and strategies for applying technology to maximize student learning;
- Apply technology to facilitate a variety of effective assessment and evaluation strategies; and
- Understand the social, ethical, and legal implications of technology.

#### **ADMISSION TO THE PROFESSIONAL PROGRAM**

Students must apply to the School of Education, Human Performance, and Health for admission to the Professional Program, which is completed during

the junior and senior years. The Professional Program application form may be obtained online from the School of Education, Human Performance, and Health webpage and must be filed in that office in accordance with posted deadlines.

Admission of applicants is based on individual consideration and Professional Program requirements. Each applicant must fulfill the following requirements:

- completion of ENGL U101 and U102 and SPCH U201 or their equivalent with grades C or better;
- successful completion of EDFO U200: Teacher Education Colloquium;
- completion of EDFO U210 with a grade of C or better;
- overall GPA of at least 2.75 on at least 60 hours earned;
- the achievement of passing scores on the PRAXIS CORE or a South Carolina State Board of Education approved score on the SAT or ACT examination;
- completed the Professional Program application in full;
- Standards for Professional Conduct & Dispositions form signed;
- two satisfactory recommendations with one written by a School of Education, Human Performance, and Health faculty member and the other one written by a general faculty member;
- submitted personal affirmation of non-criminal background;
- provided a "cleared" TB test (within 12 months of application);
- provided a current SLED check; and
- provided a current National Sex Offender Registry check indicating "No records found."

Applicants pursuing a major in Early Childhood Education must also fulfill the following requirements:

- completion of MATH U121 (or higher), MATH U231, EDFO U333, EDFO U341, EDEC U349, EDRE U384, and EDHL U221 with grades C or better;
- grades of C or better in support courses completed.

Applicants pursuing a major in Elementary Education must also fulfill the following requirements:

- completion of MATH U121 (or higher), MATH U231, EDFO U333, EDFO U341, EDRE U384, and EDHL U331 with grades C or better;
- grades of C or better in support courses completed.

Applicants pursuing a major in Middle Level and Secondary Education must also fulfill the following requirements:

- completion of EDSC U333 and EDFO U341 with grades C or better.

Action is taken on a student's application for admission to the Professional Program as soon as completed application is submitted and the academic records are verified. Students who are accepted enter the Professional Program. Students whose applications are denied are advised of their alternatives.

Students who plan to meet the requirements for a teaching certificate in Secondary Education while enrolled in another academic unit of the University should consult with the chair of the appropriate department. The student will be assigned an advisor in the appropriate department to guide them through the professional sequence of courses. Such consultation should be held as early as possible in the student's undergraduate career to ensure adequate familiarity with teacher education requirements. Students enrolled in another academic unit of the University should take particular care to inquire about the School of Education, Human Performance, and Health and state certification requirements.



Education courses at the 400-level and above may be taken only after admission to the professional program. Students who complete the Professional Program, pass the appropriate Praxis content exam and Praxis Principles of Learning and Teaching (PLT) exam, complete observations using the Assistance, Development, and Evaluation of Professional Teaching (ADEPT) instrument, and receive FBI fingerprint clearance fulfill initial certification requirements of the South Carolina State Board of Education.

## **SECOND BACCALAUREATE WORK TOWARD TEACHER CERTIFICATION**

Students who have earned a baccalaureate degree from USC Upstate or any other accredited institution of higher education are advised to pursue their teacher certification through the pursuit of a second baccalaureate degree in the School of Education, Human Performance, and Health. Information regarding the second baccalaureate degree can be found in the Academic Regulations section of this catalog. Students pursuing a second baccalaureate degree toward certification must meet all the requirements for admission to the professional program and all requirements for their chosen program of study.

## **ADMISSION TO DIRECTED TEACHING**

Students who wish to enroll in directed teaching (student teaching) must apply a year in advance of the intended semester. The following are requirements for all students admitted to directed teaching:

- prior admission to the professional program;
- completion of all content concentration course work with a grade of C or better in each course completed (exceptions approved by the Dean with faculty advisor's recommendation);
- grade of C or better in support courses completed;
- completion of all coursework prior to the directed student teaching semester;
- 2.5 overall GPA;
- completion of all education methods courses with a grade of C or better in each; and
- completion of Mathematics U231, U232 and U233 with a grade of C or better for elementary education majors and special education: learning disabilities majors;
- completion of Mathematics U231 and U232 or U233 with a grade of C or better for early childhood education majors.
- successful presentation of portfolio;
- submission of a clear TB test, NSOR check and FBI fingerprint card/clearance prior to student teaching;
- completion of a South Carolina Department of Education application for teacher certification.

In addition to these general requirements, there are specific course prerequisites for each major field. No education course may serve as a prerequisite for a subsequent education course until it has been completed with a grade of C or better. These prerequisites may be changed from time to time at the unit's discretion. Students are responsible for enrolling in the appropriate corequisite coursework with directed teaching. It is the responsibility of students to secure from the school office an updated list of prerequisites for directed teaching in their major and to arrange their courses of study with their education advisor so as to meet those prerequisites.

## **TRANSFER ADMISSION**

Transfer students with fewer than 60 semester hours of credit may take courses in the School of Education, Human Performance, and Health if they meet all university admission requirements. Transfer students who have earned 60 hours or more must meet the admission criteria for the professional program at the time of their initial application for admission to the School of Education, Human Performance, and Health as a major. Only 64 semester hours of credit may be accepted for transfer from a two-year institution and applied toward the professional degree.

## **UNDERGRADUATE TRANSFER CREDIT**

Education majors from other colleges and universities wishing to transfer courses into any of the education programs must have all transcripts evaluated by the School of Education, Human Performance, and Health. The dean or associate dean, following the USC Upstate School of Education, Human Performance, and Health Policy Manual guidelines, determines the courses accepted to fulfill requirements of any undergraduate education program. Any **professional education courses** considered for transfer must have been completed within seven years of matriculating at USC Upstate. Professional education courses more than seven years old will not be accepted for transfer.

## **CONTINUATION STANDARDS**

After being admitted to the professional program, candidates must maintain at least a 2.5 GPA for retention in the program; this is in excess of the minimum GPA required by the University for continuing enrollment. Students who do not maintain a 2.5 GPA cannot enroll in any education courses above the 400-level.

## **ACADEMIC REQUIREMENTS**

No education course may serve as a prerequisite for a subsequent education course until it has been successfully completed with a grade of C or better. A minimum grade of C is required for any course submitted for fulfillment of professional education, major concentration and support course requirements. Students who fail to achieve a minimum grade of C in any professional education course will be dismissed from the program. Students may reapply to the program by submitting a letter of petition for readmission to the Dean of the School of Education, Human Performance, and Health for consideration by the School of Education, Human Performance, and Health Appeals Committee. Readmitted students who subsequently receive a second grade of below C in any professional education course will be permanently dismissed from the program.

## **EVALUATION**

In addition to evaluations described in course syllabi, students' dispositions and competencies relative to national, state, and School of Education, Human Performance, and Health objectives and criteria are evaluated both in professional education courses and during directed teaching. Every applicant for admission to the professional program undergoes an appraisal by the advisor. This appraisal provides a source of evaluation on non-academic as well as academic factors relative to teaching potential. Portfolio assessment provides further evidence of each student's professional growth and development over time.

## **DEGREE PROGRAMS**

The School of Education, Human Performance, and Health has developed curricula leading to the baccalaureate in nine broad fields: child development

and family studies, community health, exercise and sport science, early childhood, elementary, middle level, secondary, physical, and special education. Although the number of credit hours required for graduation varies to some extent with the subject that the student prepares to teach, a minimum of 120 hours is required for any baccalaureate degree program in the School of Education, Human Performance, and Health. Students are assigned an advisor with whom they should plan in advance their program of study for each semester or summer session. The School of Education, Human Performance, and Health reserves the right to change requirements and modify programs as necessary to fulfill national accreditation and state certification requirements. Students must periodically request updated information from the school.

**Child Development and Family Studies.** The Child Development and Family Studies Program prepares students for professional work with young children between the ages of birth to six years. Additionally, students are prepared to work with families from diverse cultural, ethnic, and socioeconomic backgrounds. Upon graduation, students will have opportunities to pursue positions as childcare practitioners in child development centers, family learning centers, as teachers in private school settings, Early Head Start and Head Start Programs as well as parent educators in learning centers.

General education requirements for this major consist of coursework in liberal arts thus establishing a broad knowledge base prior to professional coursework. The professional sequence provides knowledge, skills and dispositions in child development, curriculum, and assessment of children from birth to six years of age. Professional courses also include effective ways to communicate and work with families of young children. After completion of the major coursework, students have a semester long internship in a child care or learning center to complete the program.

**Community Health.** Community Health Program prepares students for professional work within their community to teach behaviors that promote wellness and to develop and implement strategies to improve the health of individuals and communities. Community health workers provide a link between the community and healthcare professionals in order to develop and implement strategies and to improve the health of individuals and communities. Additionally, community health workers collect data and discuss health concerns with members of specific populations or communities.

**Early Childhood Education.** The early childhood education program provides preparation for teaching in four- and five-year kindergartens and in the primary grades (PK-3). A substantial portion of the curriculum consists of course work in the liberal arts to establish a broad educational background prior to the professional sequence of courses. The professional sequence provides content and direct opportunities for field clinical experience. The final experience is a semester-long student teaching assignment.

**Elementary Education.** The elementary education program prepares students to teach in grades 2-6. The program consists of a general liberal arts background, professional educational coursework and clinical field experiences. During the semester in which students are enrolled in directed teaching (EDEL 468), they spend all of each school day for a period of fourteen weeks in the elementary school to which they are assigned.

**Middle Level Education.** The program in middle level education prepares students to teach in grades 5-8. The program emphasizes the particular

physical, emotional, attitudinal, and intellectual needs of adolescents as well as the organizational, curricular, and pedagogical practices of the middle school. This is achieved through a core of general liberal arts coursework, professional education coursework (which includes field-based clinical experiences in middle schools), student teaching in middle school settings, and intensive coursework in an academic concentration.

**Secondary Education.** The program in secondary education prepares students to teach in grades 9-12 and does so through a core of general liberal arts course work, professional education course work, including field-based clinical experiences, a student teaching experience, and intensive course work in a specific area of subject specialization. The secondary education curriculum may lead to either a Bachelor of Arts or Bachelor of Science degree, depending upon the chosen area of subject specialization. Areas of subject specialization in secondary education at USC Upstate include biology, chemistry, English, social studies/history, mathematics and Spanish.

**Special Education: Learning Disabilities.** The Bachelor of Science in Special Education/Learning Disabilities prepares future teachers to serve the needs of special education students with learning disabilities in both regular and special education classrooms. Preparation for teaching students with learning disabilities emphasizes appropriate services, curricula, assessment, and instruction required by students with special needs to facilitate their participation in the K-12 general education curriculum. Technology, collaborative and consultation skills, applications of research, and parent consultation skills are stressed throughout the program. Practicum experiences begin the first semester of the professional program and continue throughout the program in K-12 school settings.

**Physical Education.** The Physical Education Teacher Education (PETE) major prepares students to teach physical education in grades K-12. In addition to a core program in the liberal arts, students undertake studies in the professional education area as well as in-depth study of physical education. Directed teaching for PETE majors is arranged at both the elementary and secondary levels. For students desiring a degree in physical education that is not oriented toward K-12 classroom teaching, the School of Education, Human Performance, and Health offers the degree in Exercise and Sport Science.

**Exercise and Sport Science.** Students in the Exercise and Sport Science major are trained for a variety of careers, including fitness specialist, personal training, and strength and conditioning specialist. With graduate training, students can pursue careers in sport nutrition, exercise physiology, cardiac rehabilitation, and physical therapy. Preparation for both the NSCA's Certified Strength and Conditioning Specialist exam and the ACSM's Health Fitness Specialist exam is built into the curriculum, and students passing one of these national exams can expect enhanced job opportunities. See [www.acsm.org](http://www.acsm.org) or [www.nasca-lift.org](http://www.nasca-lift.org) for more information.

# Bachelor of Arts in Child Development and Family Studies

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102; HONS U101	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6	MATH U121, U231	
Natural Science (w/ lab)	4	ASTR U111/L, BIOL U101/L, U102/L, U110/L, U143/L, U220/L, U242/L; CHEM 101/L, U106/L, U109/L, U111/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
Natural Science	3	ASTR U111, BIOL U206, U240, U270; GEOG U201, U202; GEOL U104, U120; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138; DGST U101; INFO U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; HONS U120; MUSC U110 or MUSC U140; THEA U161 or THEA U170	
History	3	HIST U101, U102, U105, U106	
Humanities	3	AFAM U204; AMST U101, U102; PHIL U102, U211; RELG U103; SOST U201	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	POLI U101, PSYC U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	3	HONS U199 or Any General Ed. course or courses.	

Support Courses		6
	credit hrs.	Completed
SOCY U101 : Introduction to Sociology	3	
ANTH U102 : Understanding Other Cultures	3	
<b>Major Requirements</b>		<b>24</b>
	credit hrs.	Completed
EDFO U210 : Foundations of Education	3	
EDFO U341 : Introduction to Exceptional Learners/Special Education	3	
EDFO U333 : Educational Development of the Life-Long Learner	3	
ENGL U245 : Business Writing	3	
ENGL U371 : Grant Writing	3	
CAST U301 : Intro to Child Maltreatment	3	
CAST U401 : System Responses to Child Maltreatment	3	
EDEC U349: Creativity and Play	3	
<b>Major Courses</b>		<b>50</b>
	credit hrs.	Completed
EDCF U201: Intro to Early Care & Educ.	3	
EDCF U346: Intro to Family Studies	3	
EDCF U350 : Development of the Young Child I	3	
EDCF U352: Curriculum Methods and Standards I	4	
EDCF U354: Exceptional Children and Early Intervention	3	
EDCF U356 : Family Interaction and Communication	3	
EDCF U449: Mental Health and Play Therapy in Young Children	3	
EDCF U450 : Dev. of the Young Child II	3	
EDCF U452 : Curriculum Methods and Standards II	4	
EDCF U454 : Guidance / Assess. Methods	3	
EDCF U455: Legal and Ethical Issues in Early Care and Education	3	
EDCF U456 : Working with Parents in Diverse Settings	3	
EDCF U458: Internship	12	
<b>Total Hours Required</b>		<b>123</b>
<i>1 Minimum grade of 'C' for all courses are required.                  2 Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>		

# Bachelor of Arts in Community Health

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed	
<b>I. Communication</b>				
English	6	ENGL U101, U102		
Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>				
Mathematics	3	MATH U121, U122, U126, U127		
Natural Science	6-7	BIOL U101, U110, U240, U243, U244 or CHEM U101, U106, U109; ASTR U111 or PHYS U101, GEOL U104		
<b>III. Information Technology</b>				
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101; MUSC U162		
<b>IV. Fine Arts, Humanities &amp; History</b>				
Fine Arts	3	ARTH U101, U105, U106; MUSC U110 or MUSC U140; THEA U161, U170		
History	3	HIST U101, U102, U105, U106		
Humanities	3	AFAM U201; FILM U240; PHIL U102, U211; RELG U103		
<b>V. Foreign Language &amp; Culture</b>				
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101, U101N		
<b>VI. Social &amp; Behavioral Sciences</b>				
Social & Behavioral Science	9	PSYC U101 and SOCY U101; one additional course from AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; WGST U101		
<b>VII. General Ed. Electives</b>				
<i>Choose from the options below if hours are required in the major.</i>				
Gen. Ed. Elect.	0	Any General Ed. course or courses.		

Core Requirements		18
	credit hrs.	Completed
CHME U200: Introduction to Community Health	3	
CHME U210: Introduction to Health Policy: Systems of Care	3	
CHME U300: Introduction to Research and Ethics in Community Health	3	
CHME U320: Principles of Health Education	3	
EDFO U333: Human Development	3	
NURS U301: Nutrition	3	

Professional Sequence		42
	credit hrs.	Completed
BIOL U230 or NURS U230: Medical Terminology	3	
EDCF U346: Intro to Family Studies	3	
CHME U330: Mental Health and Illness in Community Health	3	
CHME U340: Human Sexuality, Reproduction, and Health	3	
CHME U350: Chronic and Communicable Disease <b>or</b> NURS U308: Pathophysiological Topics in Health care	3	
CHME U400: Environmental Community Health	3	
CHME U410: Case Management and Service Coordination	3	
CHME U420: Program Planning and Implementation <b>or</b> NURS U310: Health Assessment <b>or</b> ENGL U371: Grant Writing	3	
CHME U489: Community Health Internship	9	
CHME U499: Community Health Seminar: Advanced Principles of Community Health	3	

Continued to next page...

<b>Electives</b>		<b>18</b>
<i>Note: Elective courses may require prerequisites</i>		
	<b>credit hrs.</b>	<b>Completed</b>
BIOL U243: Human Anatomy and Physiology I	4	
BIOL U244: Human Anatomy and Physiology II	4	
BIOL U250: Principles of Microbiology <i>or</i> BIOL U330: Microbiology	4	
CAST U301: Introduction to Child Maltreatment	3	
CAST U401: Child Advocacy I: System Response to Child Maltreatment	3	
CAST U402: Child Advocacy II: Prevention/Intervention Strategies	3	
CRJU U210: Policing America <i>or</i> CRJU U230: Introduction to Corrections	3	
CRJU U220: The Criminal Courts	3	
CRJU U343: The Juvenile Justice System	3	
CRJU U381: Alcohol, Drugs, and Public Policy	3	
CRJU U384: Child Sexual Exploitation	3	
EDCF U201: Introduction to Early Care and Education	3	
EDCF U356: Family Interaction and Communication	3	
EDCF U456: Working with Parents in Diverse Settings	3	
EDEC U349: Creativity and Play	3	
EDHL U221: Lifelong Health and Wellness	3	
EXSC U355: Lifestyle Related Disease	3	

GLST U301: Global Cultures and Identities	3	
HIMS U201: Understanding Healthcare Organizations	3	
HIMS U250: Fundamentals of Healthcare Administration	3	
JOUR U348: Illness, Culture and the Media	3	
JOUR U349: Health Messaging and the Media <i>or</i> NURS U427: Digital and Information Literacy for Nurses	3	
NURS U420: Special Topics	3	
PSYC U309: Psychology of Personality	3	
PSYC U310: Psychological Disorders	3	
PSYC U312: Health Psychology	3	
RELG U305: Religion, Health Care and Healing	3	
SOCY U351: Social Deviance	3	
SOCY U361: Medical Sociology	3	
SOCY U363: Sociology of Death and Dying	3	
WGST U345: Girls Studies	3	

<b>Total Hours Required</b>	<b>121-122</b>
<b>NOTE:</b>	
<p><i>Community Health transfer students who have earned an AA or AS degree from a regionally-accredited (for college transfer) technical or community college or have completed the general education requirements at an accredited baccalaureate institution will have satisfied the general education requirements for the bachelor of arts in Community Health. A minimum of 30 semester hours must be completed in residence at USC Upstate after acceptance or transfer. This policy applies only to Community Health in SoEHPH.</i></p>	
<p><i>NURS U306, U340, U360, U375, U441, U461, U497: Credit can be given if previously taken as a part of a nursing major.</i></p>	

# Bachelor of Arts in Education, Major in Early Childhood Education

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6	MATH U121, U231	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L; U103/L; PHYS U101/L	
Natural Science	3-4	Any Natural Science course listed above or BIOL U206, U240, U270; GEOG U201, U202; GEOL U104, U120	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; INFO U101, U102; DGST U101; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	6	Two from the following: ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; THEA U161, U170; SOST U201	
History	3	One of the following: HIST U101, U102, U105, U106	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	POLI U101; SOCY U101	
<b>VII. General Ed. Electives</b>			
Gen. Ed. Elect.	3		

Professional Education		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Edu.	3	
EDFO U333: Educational Development of the Life-long Learner	3	
EDFO U341: Introduction to Exceptional Learners/Special Education	3	
EDFO U485: Diversity, Mgmt, Assessmnt.	3	
EDCI U300: Resources /Tech. in Teaching	3	
EDEC U349: Creativity and Play	3	
EDEC U410: Clinical I in Early Childhd. Ed.	2	
EDEC U420: The Young Child: Behavior / Develop. in Early Childhood	3	
EDEC U422: Survey of Early Childhd. Ed.	3	
EDEC U424: Parent Family Involvement in Early Childhood Ed.	3	
EDEC U440: Clinical II in Early Childhd. Ed.	2	
EDEC U445: Lang. Develop./Comm. Skill	3	
EDEC U446: Math for the Young Child	3	
EDEC U447: Soc. Studies for the Yng Child	3	
EDEC U448: Science for the Young Child	3	
EDRE U414: Emergent and Early Literacy	3	
EDRE U416: Emergent and Early Literacy II	3	
EDEC U468 Education of the Young Child: An Ecological Approach	3	
EDEC U469: Directed Teaching in Early Childhood Education	12	

Support Courses		
	credit hrs.	Completed
MATH U232 Basic Concepts of Elementary Mathematics II <b>or</b> MATH U233: Geometry and Measurement	3	
EDRE U384: Children's Literature	3	
EDHL U221: Lifelong Health and Wellness	3	
PSYC U101: Introduction to Psychology	3	

<b>Total Hours Required</b>	<b>122</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Arts in Education, Major in Elementary Education

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6	MATH U121, U231	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L; GEOL U101/L, U102/L; U103/L; PHYS U101/L	
Natural Science	3	Any Natural Science course listed above or BIOL U206, U240, U270; GEOG U201, U202; GEOL U120	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; INFO U101, U102; DGST U101; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Humanities	3	AFAM U204; AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; PHIL U102, U211; RELG U103; SOCY U201; SOST U201	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	POLI U101 and either PSYC U101 or SOCY U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	0	Any General Ed. course or courses.	

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U333: Educational Development of the Life-long Learner	3	
EDFO U341: Introduction to Exceptional Learners/Special Education	3	
EDHL U331: Health and Physical Education for the Elementary School Child	3	
EDEL U441: Curric./ Teaching in Elem. Sch.	3	
EDCI U300: Res. / Tech. in Teaching	3	
EDFO U483: Org. / Mgmt of Diverse Class.	3	
EDEL U447: Teaching Social Studies in the Elementary School	3	
EDEL U450: Fine Arts in the Curriculum	3	
EDEL U455: Clinical I in Elem. Ed.	2	
EDRE U442: Literacy I: Learn to Read/Wri.	3	
EDFO U487: Student, Teacher, and School Assessment	3	
EDEL U446: Teaching Math in Elem. Schl.	3	
EDEL U448: Teaching Sci. in Elem. School	3	
EDEL U460: Clinical II in Elem. Ed.	2	
EDRE U443: Literacy II: Read/Wri. to Learn	3	
EDRE U444: Literacy III: Addressing Reading & Writing Problems	3	
EDEL U468: Directed Teaching in the Elementary School	12	
EDEL U469: Elem. Ed. Issues and Trends	3	

<b>Support Courses</b>		
	credit hrs.	Completed
MATH U232: Basic Concepts of Elementary Mathematics II	3	
MATH U233: Geometry and Measurement	3	
EDRE U384: Children's Literature	3	
One additional arts and humanities course not repeating the discipline selected from the general education requirement: ARTH U101, U105, or U106; MUSC U110, U140; THEA U161, U170	3	
<b>Electives</b>		
General Ed. Elective	3	

<b>Total Hours Required</b>	<b>122</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Science, Major in Exercise and Sport Science

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101 <b>or</b> HONS U101; ENGL U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6	MATH U102 <b>and</b> MATH U120 or higher (MATH U127 recommended for Health Sciences)	
Natural Science (w/ lab)	8	CHEM U109/L <b>and</b> BIOL U110/L <b>OR</b> CHEM U111/L <b>and</b> BIOL U101/L (Health Sciences Emphasis must take)	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; or THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Fine Arts, Humanities	3	One course selected from: AFAM U204; AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	PSYC U101 and one of the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elect.	3	HONS U199 or any General Ed. course or courses.	

<b>Major Requirements<sup>1</sup></b>		
	credit hrs.	Completed
<b>Sport Science Core (required for all majors)</b>		
EDHL U221: Lifelong Health and Wellness	3	
BIOL U243: Human Anatomy and Physiology I	4	
BIOL U244: Human Anatomy and Physiology II	4	
EDPH U128: Group Fitness	1	
EXSCU280: Introduction to Exercise Science	3	
EXSC U301: Exercise Physiology	4	
EXSC U302: Biomechanics	3	
EXSC U390: Field Experience	3	
EXSC U480: Internship	6	
EXSC U499: Research Seminar	3	

<b>One of the following Academic Concentrations</b>		
	credit hrs.	Completed
<b>Exercise Science</b>	<b>19</b>	
<i>Choose 19 credit hours from the following, including at least 12 credits from EXSC</i>		
EDPH U124: Walk/Jog/Run	1	
EDPH U129: Yoga	1	
EDPH U180: Swimming	1	
EDPH U320: Team Sports I	3	
EDPH U415: Individual Sports	3	
EDPH U325: Principles of Coaching	3	
EXSC U355: Lifestyle-Related Diseases	3	
EXSC U401: Adv. Exercise Physiology	3	
EXSC U455: Fitness Assessment & Prescription	4	
EXSC U456: Clinical Exercise Testing & Prescription	4	
EXSC U457: Essentials of Strength & Conditioning	4	
EXSC U459: Sport Nutrition	3	
EXSC U467: Adv. Strength & Conditioning	3	
<b>Medical Fitness</b>	<b>20</b>	
<i>Choose 2 credit hours from EDPH U124, U129, or U180</i>		
	1	
	1	
EXSC U355: Lifestyle-Related Diseases	3	

(continued on next page)



EXSC U401: Advanced Exercise Physiology	3	
EXSC U455: Fitness Assessment and Prescription	4	
EXSC U456: Clinical Exercise Testing and Prescription	4	
EXSC U459: Sport Nutrition	3	
<b>Strength and Conditioning</b>	<b>19</b>	
EDPH U320: Team Sports I	3	
EDPH U415: Individual/Dual Sports	3	
EXSC U270: Introduction to Athletic Training	3	
EXSC U457: Essentials of Strength & Conditioning	4	
EXSC U459: Sport Nutrition	3	
EXSC U467: Advanced Strength and Conditioning	3	

<b>Minor OR Health Sciences Emphasis</b>	<b>18-24<sup>2</sup></b>
<b>Exercise and Sport Science majors must select either a minor (18-21 hours) or an approved program of study with their academic advisor.</b>	

<b>Minor</b>	<b>18-24<sup>3</sup></b>
	<b>credit hrs. Completed</b>

<b>Health Sciences Emphasis</b>	<b>15-19<sup>2</sup></b>
	<b>credit hrs. Completed</b>
BIOL U102: Biological Science II	4
CHEM U112: Gen. Chemistry & Quant. Analysis	4
PSYC U310: Psychological Disorders	3
PHYS U201: General Physics I	4
PHYS U202: General Physics II	4

<b>Electives</b>	<b>0-7<sup>4</sup></b>
	<b>credit hrs. Completed</b>

<b>Total Hours Required</b>	<b>120</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	
<i>1 A minimum grade of C is required in all Major coursework.</i>	
<i>2 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i>	
<i>3 See current USC Upstate Academic Catalog for specific requirements of the chosen minor.</i>	
<i>4 Electives are based on the number of hours taken in either the minor or health sciences emphasis; students must have 120 hours to satisfy the requirements for the degree.</i>	

# Bachelor of Arts, Major in Middle Level Education

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			<b>9</b>
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			<b>13-15</b>
Mathematics	6-7	One of the following: MATH U120, U121, U122, U126, U127, U141, U142, U202, U231; and either MATH U102 or PSYC U225 or SOCY U201	
Natural Sci. (w/ lab)	4	BIOL U101/L, U110/L	
Natural Science	3-4	ASTR U111, U111/L; BIOL U143/L, U220/L; CHEM U101/L, U106, U106/L, U109/L, U111/L, U112/L; GEOG U201/L, U202; GEOL U101/L, U102/L, U103/L, U104, U120; PHYS U101, U101/L, U201/L, U202/L, U211/L, U212/L	
<b>III. Information Technology</b>			<b>3</b>
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			<b>9</b>
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Fine Arts, Humanities, and/or History	3	AFAM U204; AMST U101, U102; ENGL U208, U250, U252, U279, U280, U283, U289, U290, U291; FILM U240; HIST U102; PHIL U102, U211; RELG U103; THEA U161, U170; SOST U201	
<b>V. Foreign Language &amp; Culture</b> <i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			<b>3</b>
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			<b>6</b>
Social & Behavioral Science	6	Select any two from the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101	

### VII. General Ed. Electives

Choose from the options below if hours are required in the major.

Gen. Ed. Elect.	0	Any General Ed. course or courses.	
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### Professional Education

	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to Special Education	3	
EDHL U221: Lifelong Health and Wellness	3	
EDRE U315: Foundations of Reading	3	
EDRE U418: Literacy in Mid./Sec. Schools	3	
EDSC U333: ML/SE Adolescent Develop.	3	
EDSC U344: Managing the Mid./Sec. Classroom Environment	3	
EDSC U440: Clinical I in Mid Lev/Sec. Ed.	2	
EDSC U441: Mid Lev Curric./Methodology	3	
<b>Middle Level Methods:</b> <i>Select from EDSC U445 (language arts), EDSC U446 (mathematics), EDSC U447 (social studies) and EDSC U448 (science) to match Concentration Area #1 and Concentration Area</i>	3	
EDSC U443: Mid. Lev./Sec. Ed. Assessment	2	
EDSC U450: Clinical II in Mid.Lev./Sec.Ed.	2	
EDSC U485: Senior Seminar	3	
EDSC U480: Dir. Teaching in Middle Level	12	

### Content Concentration

**21**

English Language Arts	credit hrs.	Completed
ENGL U252	3	
American Literature (Above U200)	3	
World Literature (Above U200)	3	
ENGL U300	3	
ENGL U318	3	
ENGL U473	3	
ENGL U485	3	
Mathematics	credit hrs.	Completed
MATH U127	3	
MATH U122 or MATH U141	3-4	
MATH U174	3	
MATH U231	3	
MATH U233	3	
MATH U315	3	

continued on next page

Upper-level MATH/SAT	3	
<b>Social Studies</b>	<b>credit hrs.</b>	<b>Completed</b>
GEOG U103 or GEOG U120	3	
ANTH U102 or GLST U301	3	
HIST U105	3	
HIST U106	3	
HIST U322 or HIST U323	3	
European History (Above U300)	3	
Non-Western History (Above U300)	3	
<b>Science</b>	<b>credit hrs.</b>	<b>Completed</b>
GEOL U101 or GEOL U102	4	
ASTR U111/L	4	
PHYS U101/101L	4	
BIOL U206	3	
BIOL U270	3	
CHEM U106	3	

<b>Cognate<sup>4</sup></b>		<b>12</b>
	<b>hrs.</b>	<b>Completed</b>

<b>Total Hours Required</b>	<b>124-126</b>
<p><i>1 Math U102 and MATH U126 are required for students with math concentrations.</i></p> <p><i>2 For Social Studies concentration, HIST U101 and U102, POLI U101, and ECON U221/222 are required. Course may not duplicate VII History general education course.</i></p> <p><i>3 English concentrations are required to take an ENGL course.</i></p> <p><i>4 Select courses from a different content concentration and discuss your options with your advisor. Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i></p>	

# Bachelor of Arts in Education Major in Secondary Education (English)

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	3-4	MATH U120, U121, U122, U126, U127, U141, U142, U202, U231	
Natural Sci. (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
Natural Science	3-4	Any additional MATH course from those listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Humanities	3	ENGL U275	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	Select any two from the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
General Education Electives	3	AFAM U204; AMST U101, U102; ENGL U250, U252, U279, U280, U283, U289, U290, U291; FILM U240; PHIL U102, U211; RELG U103 or THEA U161, U170	

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Ed.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML / Sec. Adolesc. Develop.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in Mid. Lev./Sec. Ed.	2	
EDSC U442: Sec. Sch. Curric./Method.	3	
EDSC U443: ML/Sec. Ed. Assessment	2	
EDRE U418: Literacy in Mid./Sec. School	3	
EDSC U445: Teach Mid/Sec. Eng./Lang. Arts	3	
EDSC U450: Clinical II in Mid. Lev./Sec. Ed.	2	
EDSC U473: Dir. Teaching in Sec. Sch. Eng.	12	
EDSC U485: Mid. Lev./Sec. Ed. Issues/Trends	3	

<b>Content Concentration</b>		
	credit hrs.	Completed
ENGL U291; ENGL U283, ENGL U387; <i>or</i> other approved course in minority literature	3	
Genre or period elective (300-level or above), ENGL U301 recommended	3	
ENGL U300: Intro to Study of Literature	3	
American Literature (300-level or above)	3	
American Literature (300-level or above)	3	
British Literature (300-level or above)	3	
ENGL U405 <i>or</i> ENGL U406	3	
ENGL U451, ENGL U455, <i>or</i> ENGL U252	3	
ENGL U453: Develop. of the English Lang.	3	
ENGL U208, ENGL U473, <i>or</i> ENGL U459 (ENGL U473 recommended)	3	
ENGL U485: Adolescent Literature	3	
ENGL U490: Senior Seminar	3	

<b>Total Hours Required</b>	<b>124-126</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Arts in Education

## Major in Secondary Education (Spanish)

### Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	3-4	MATH U120, U121, U122, U126, U127, U141, U142, U202, U231	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U 212/L	
Math, Logic, and/or Natural Sciences	3	Any additional MATH course from those listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Humanities	3	ENGL U275, U283, U291	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	6	ASLG U101, U102; CHIN U101, U102; FREN U101, U102; GERM U101, U102; SPAN U101, U102	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	Select any two from the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
General Education Electives	0	Any General Education course or courses.	

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Edu.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML/Sec. Adolescent Develop.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in ML/Sec. Education	2	
EDSC U442: Sec. School Curric./Method.	3	
EDSC U443: ML/Sec. Ed. Assessment	2	
EDRE U418: Literacy in Mid./Sec. School	3	
EDSC U449: Teach Foreign Lang. Sec. School	3	
EDSC U450: Clinical II in ML/Sec. Edu.	2	
EDSC U474: Directed Teaching in Secondary School Foreign Language	12	
EDSC U485: ML/Sec. Edu. Issues & Trends	3	

<b>Content Concentration</b>		
	credit hrs.	Completed
SPAN U201: Intermediate Spanish	3	
SPAN U202: Intermediate Spanish or a Spanish literature course	3	
SPAN U301: Intro. to Hispanic Literature	3	
SPAN U309: Advanced Spanish Lang. I	3	
SPAN U310: Advanced Conversational Spanish	3	
SPAN U314: Adv. Spanish Language II	3	
SPAN U320: Spanish Civilization	3	
SPAN U321: Latin American Civilization	3	
Literature course (SPAN 300 or above)	3	
SPAN U454: Intro to Spanish Linguistics	3	
SPAN U490: Senior Seminar in Spanish	3	

<b>Support Course</b>		
	credit hrs.	Completed
ENSL U351: Linguistics for Language Learners and Teachers	3	

<b>Total Hours Required</b>	<b>124-125</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Science in Education Major in Secondary Education (Biology)

*with add-on Natural Science*

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	3	MATH U127	
Natural Sci. (w/ lab)	16	BIOL U101/L, U143/L; CHEM U111/L; GEOL U101/L; PHYS U201/L	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105 or U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101, U102, U105, or U106	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; or SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	3	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
General Education Electives	0	Any General Education course or courses.	

Professional Education		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Edu.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML/Sec. Ed. Adolesc. Develop.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in ML/Sec. Education	2	
EDSC U442: Sec. School Curric./Method.	3	
EDSC U443: Educational Assessment	2	
EDRE U418: Literacy in Mid./Sec. School	3	
EDSC U448: Teaching Mid./Sec. Science	3	
EDSC U450: Clinical II in ML/Sec. Edu.	2	
EDSC U481: Direct. Teach/Sec. Sch. Nat. Sci.	12	
EDSC U485: ML/Sec. Edu. Issues & Trends	3	

Content Concentration		
	credit hrs.	Completed
BIOL U102: Biological Science II	4	
BIOL U301: Intro to Ecology / Evol. Bio.	4	
BIOL U302: Intro to Cell / Molecular Bio.	4	
BIOL U310: Invertebrate Zoology	4	
BIOL U315: Compar. Vertebrate Anatomy	4	
BIOL U320: Botany <i>or</i> BIOL U525: Plant Taxonomy	4	
BIOL U330: Microbiology	4	
BIOL U350: Genetics	4	

Support Courses		
	credit hrs.	Completed
PHYS U202: General Physics II	4	
CHEM U112: General Chemistry and Quantitative Analysis	4	

<b>Total Hours Required</b>	<b>128</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Science in Education Major in Secondary Education (Chemistry)

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	4	MATH U141	
Natural Science (w/ lab)	12	BIOL U110/L, U143/L; PHYS U201/L, U202/L	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	6	AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
General Education Electives	0	Any General Education course or courses.	

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Edu.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML/Sec. Ed. Adolescent Devel.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in ML/Sec. Educ.	2	
EDSC U442: Sec. School Curric./Method.	3	
EDSC U443: Educational Assessment	2	
EDRE U418: Literacy in Mid./Sec. Schools	3	
EDSC U448: Teaching Mid./Sec. Science	3	
EDSC U450: Clinical II in ML/Sec. Educ.	2	
EDSCU481: Direct Teach/Sec. Sch. Nat. Sci.	12	
EDSC U485: ML/Sec. Ed. Issues & Trends	3	

<b>Content Concentration</b>		
	credit hrs.	Completed
CHEM U111: General Chemistry	4	
CHEM U112: Gen. Chem. / Qual. Analysis	4	
CHEM U321: Quantitative Analysis	3	
CHEM U321/L: Quantitative Analysis Lab	1	
CHEM U331: Organic Chemistry I	3	
CHEM U331/L: Organic Chemistry I Lab	1	
CHEM U332: Organic Chemistry II	3	
CHEM U332/L: Organic Chemistry II Lab	1	
CHEM U541: Physical Chemistry I	3	
CHEM U541/L: Physical Chemistry I Lab	1	
Chemistry U581: Biochemistry	3	

<b>Support Course</b>		
	credit hrs.	Completed
MATH U142: Calculus II	4	
<b>Elective:</b>	3	

**Total Hours Required      122**

*Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.*

# Bachelor of Science in Education

## Major in Secondary Education (Mathematics)

### Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed	
<b>I. Communication</b>				
English	6	ENGL U101, U102		
Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>				
Mathematics	6	MATH U127, MATH U174		
Natural Sci. (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L; U201/L, U202/L, U211/L, U212/L		
Math, Logic, and/or Natural Sciences	3	ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; PHYS U101		
<b>III. Information Technology</b>				
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162		
<b>IV. Fine Arts, Humanities &amp; History</b>				
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170		
History	3	HIST U101, U102, U105, U106		
Fine Arts, Humanities, and/or History	3	ENGL U275, U283, U291; SOST U201		
<b>V. Foreign Language &amp; Culture</b>				
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101		
<b>VI. Social &amp; Behavioral Sciences</b>				
Social & Behavioral Science	6	Select any two from the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; PSYC U101; SOCY U101; WGST U101		
<b>VII. General Ed. Electives</b>				
<i>Choose from the options below if hours are required in the major.</i>				
General Education Electives	0	Any General Education course or courses.		

Professional Education		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Edu.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML/Sec. Ed. Adolesc. Develop.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in ML/Sec. Education	2	
EDSC U442: Sec. School Curric./Method.	3	
EDSC U443: Educational Assessment	2	
EDRE U418: Literacy in Mid./Sec. School	3	
EDSC U446: Teaching Mid./Sec. Math	3	
EDSC U450: Clinical II in ML/Sec. Edu.	2	
EDSC U478: Direct. Teach./Sec. Sch. Math	12	
EDSC U485: ML/Sec. Edu. Issues & Trends	3	

Content Concentration		
	credit hrs.	Completed
MATH U141: Calculus I	4	
MATH U142: Calculus II	4	
MATH U241: Calculus III	4	
MATH U315: Statistical Methods I	3	
MATH U340: Math. Structures and Proof	3	
MATH U531: Geometry	3	
MATH U344: Linear Algebra I	3	
MATH U346: Intro to Modern Algebra	3	
MATH U501: History of Mathematics	3	
MATH U599: Senior Seminar	3	

Elective		
	credit hrs.	Completed
	3	

<b>Total Hours Required</b>	<b>124</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	



# Bachelor of Arts in Education

## Major in Secondary Education (Social Studies/History)

### Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	3-4	MATH U120, U121, U122, U126, U127, U141, U142, U202, U231	
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U110/L, U143/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
Math, Logic, and/or Natural Sciences	3-4	Any additional MATH course from those listed above or ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; PHYS U101	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; SOST U201; THEA U161, U170	
History	6	HIST U101 and U102	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	9	PSYC U101; SOCY U101 and either ECON U221 or U222	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
General Education Electives	0	Any General Education course or courses.	

Professional Education		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Education	3	
EDFO U341: Intro to EL/Special Edu.	3	
EDRE U315: Foundations of Reading	3	
EDSC U333: ML/Sec. Ed. Adolesc. Develop.	3	
EDSC U344: Managing the ML/Sec. Classroom Environment	3	
EDSC U440: Clinical I in ML/Sec. Education	2	
EDSC U442: Sec. School Curric./Method.	3	
EDSC U443: ML/Sec. Edu. Assessment	2	
EDRE U418: Literacy in Mid./Sec. School	3	
EDSC U447: Teach. Mid./Sec. Social Studies	3	
EDSC U450: Clinical II in ML/Sec. Edu.	2	
EDSC U475: Directed Teaching in Secondary School Social Studies	12	
EDSC U485: ML/Sec. Edu. Issues & Trends	3	

Content Concentration		
	credit hrs.	Completed
HIST U105: American History I	3	
HIST U106: American History II	3	
HIST U300: Introduction to Historical Studies	3	
American History (300-level or above)	3	
European History (300-level or above)	3	
Non-Western History (300 level or above) <sup>1</sup>	6	
GEOG U103 <b>or</b> GEOG U121	3	
SOCY U329 <b>or</b> SOCY U330 <b>or</b> SOCY U333 <b>or</b> SOCY U337	3	
POLI U101: American National Government	3	
History U500: Senior Seminar	3	

<b>Total Hours Required</b>	<b>121-123</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	
<i>1 Must reflect two of the following regions: Africa, Asia, Latin America, Middle East.</i>	

# Bachelor of Science in Education

## Major in Physical Education: Teacher Education

### Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	6	MATH U102, U120	
Natural Sci. (w/ lab)	4	BIOL U110/L, U143/L, U220/L; CHEM U101/L, U109/L	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
Fine Arts, Humanities, and/or History	3	Any additional Fine Arts course listed above (but with no more than 3 hours from the same discipline) or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; PHIL U102, U211; RELG U103; SOST U201	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	9	PSYC U101 and SOCY U101 and one of the following: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101; WGST U101	
<b>VII. General Ed. Electives</b>			
<i>Choose from the options below if hours are required in the major.</i>			
Gen. Ed. Elec.	0	Any General Education course or courses.	

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloq.	0	
EDCI U300: Resources / Tech. in Teaching	3	
EDFO U210: Found. of Education	3	
EDFO U333: Educational Development of the Lifelong Learner <b>or</b> PSYC U302: Developmental Psychology	3	
EDPH U460: Issues/Trends in Phys. Ed.	3	
EDPH U312: Teaching Sec. Phys. Ed.	4	
EDRE U418: Reading in Secondary Schools	3	
EDPH U405: Teaching Elem. Phys. Ed.	4	
EDPH U462: PE for the Exceptional Child	3	
EDPH U479: Direc. Teach. in Phys. Ed.	12	

<b>Content Concentration</b>		
	credit hrs.	Completed
EDHL U170: First Aid	1	
EDHL U221: Lifelong Health / Wellness	3	
EDHL U334: The School Health Program	3	
EDPH U165: Officiating of Sports <b>or</b> EDPH U180: Swimming	1	
EDPH U200: Found. of Phys. Ed.	3	
EDPH U235: Dance and Gymnastics	3	
EXSC U301: Exercise Physiology	4	
EXSC U302: Biomechanics	3	
EDPH U304: Motor Learning	3	
EDPH U320: Team Sports I	3	
EDPH U415: Individual Sports	3	
EDPH U420: Team Sports II	3	
EDPH U445: Measurement and Evaluat.	3	
EDPH U453: Organization and Administration of Physical Ed.	3	

<b>Support Course</b>		
	credit hrs.	Completed
BIOL U243: Human Anatomy and Physiology I	4	

<b>Total Hours Required</b>	<b>124</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>	

# Bachelor of Science in Special Education Major in Learning Disabilities

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed	
<b>I. Communication</b>				
English	6	ENGL U101 <i>or</i> HONS U101; ENGL U102		
Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>				
Mathematics	6	MATH U121, U231		
Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U106L, U109/L, U111/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L		
Math, Logic, and/or Natural Sciences	3	Any Natural Sciences course listed above or BIOL U206, U240, U270; GEOG U201, U202; GEOL U104, U120		
<b>III. Information Technology</b>				
Info. Tech.	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162		
<b>IV. Fine Arts, Humanities &amp; History</b>				
Fine Arts	3	ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170		
History	3	HIST U101, U102, U105, U106		
Fine Arts, Humanities, and/or History	3	AFAM U204; AMST U101, U102; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; PHIL U102, U211; RELG U103; SOST U201		
<b>V. Foreign Language &amp; Culture</b>				
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101		
<b>VI. Social &amp; Behavioral Sciences</b>				
Social & Behav. Sci.	6	POLI U101, PSYC U101		
<b>VII. General Ed. Electives</b>				
<i>Choose from the options below if hours are required in the major.</i>				
General Education Electives	0	Any General Education course or courses.		

<b>Professional Education</b>		
	credit hrs.	Completed
EDFO U200: Teacher Ed. Colloquium	0	
EDFO U210: Foundations of Edu.	3	
EDFO U341: Intro to Exc. Learnrs/Spec. Ed.	3	
EDLD U410: Methods of Teaching Stu. w/LD	3	
EDLD U412: Characteristics of Stu. w/ LD	3	
EDLD U411: Practicum in LD I	1	
EDCI U300: Resources / Tech. in Teaching	3	
EDLD U414: Individ. Curric. Stu. w/ Disabil.	3	
EDLD U415: Read. Disor. / Read. Methods	3	
EDRE U442: Literacy I: Learn. to Read/Wri.	3	
EDRE U443: Literacy II: Read/Wri. to Learn	3	
EDLD U440: Prac./Instruct. of Stu. w/Disab.	2	
EDLD U445: Lang. Disor. / Lng. A. Methods	2	
EDLD U425: Pract. in Reading / Language	1	
EDLD U446: Math Disab. / Math Methods	3	
EDLD U449: Issu. / Trends in Exceptionalities	3	
EDLD U483: Assess. of Stu. w/ Disabilities	3	
EDLD U485: Behavior Mgmt. in Spec. Ed.	3	
EDLD U470: Dir. Teach. of Learners w/ LD	12	
<b>Concentration</b>		<b>9</b>
	credit hrs.	Completed
PSYC U302: Developmental Psychology	3	
The remaining 6 hours must be from the following courses: PSYC U303; PSYC U304; PSYC U305; PSYC U307; PSYC U310; PSYC U351; CAST U301; EDEL U448 <sup>1</sup> or U447 <sup>1</sup>	6	
<b>Supporting Courses</b>		
	credit hrs.	Completed
EDRE U384 <i>or</i> ENGL U485	3	
MATH U232: Bsc Concepts of Elem. Math II	3	
MATH U233: Geometry and Measurement	3	
One additional arts and humanities course not repeating the discipline selected from the general education requirement: ARTH U101, U105, or U106; MUSC U110, U140; THEA U161, U170	3	
<b>Total Hours Required</b>		<b>121</b>
<i>Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.</i>		
<i><sup>1</sup> Required for add-on Elementary Education certification.</i>		

## Minor in Coaching<sup>1,2,3</sup>

### Student Worksheet

Minor Requirements		
	credit hrs.	Completed
EDPH U118: Strength Training for Coaches	1	
EDHL U170: First Aid	1	
EDPH U304: Motor Learning and Development	3	
EDPH U318: Sport Ethics	3	
EDPH U325: Principles of Coaching	3	
EDPH U327: Practicum in Coaching	2	

EXSC U270: Introduction to Athletic Training	3	
PSYC U300: Topics in Psychology: Sport Psychology	3	

Total Hours Required	19
<sup>1</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor. <sup>2</sup> Minimum grade of C is required for all coursework. <sup>3</sup> A minimum of 12 hours of upper division coursework is required.	

## Minor in Education<sup>1,2,3</sup>

### Student Worksheet

Minor Requirements <i>(you may also specify acceptable substitutions)</i>		
	credit hrs.	Completed
PSYC U101: Introduction to Psychology <i>or</i> SOCY U101: Introduction to Sociology	3	
EDFO U210: Foundations of Education	3	
EDFO U333: Educational Development of the Lifelong Learner <i>or</i> EDSC U333: Adolescent Development	3	
EDFO U341: Introduction to Special Education	3	
EDFO U397: Minor in Education Seminar	3	
<b>Elective</b>		<b>3</b>
<i>One course from the following:</i>		
EDHL U331: Health and Physical Education for the Elementary School Child		

EDRE U384: Children's Literature		
EDEC U349: Creativity and Play		
EDCI U300: Resources and Technology for Teaching		
EDEC U398: Topics in Early Childhood Education		
EDEL U398: Topics in Elementary Education		
EDSC U398: Topics in Middle Level-Secondary Education		
EDRE U315: Foundations of Reading		

Total Hours Required	18
<sup>1</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor. <sup>2</sup> Minimum grade of C is required for all coursework. <sup>3</sup> A minimum of 12 hours of upper division coursework is required.	

## Minor in Sport Strength and Conditioning<sup>1,2,3</sup>

### Student Worksheet

Minor Requirements		
	credit hrs.	Completed
BIOL U243: Human Anatomy and Physiology I	4	
EXSC U301: Exercise Physiology	4	
EXSC U302: Biomechanics	3	
EXSC U390: Field Experience	3	
EXSC U457: Essentials of Strength & Conditioning	4	

EXSC U459: Sport Nutrition	3	
Register for CSCS <sup>4</sup> Certification Exam (verify with Human Performance and Health department)		

Total Hours Required	21
<sup>1</sup> Completion of the minor does NOT guarantee certification. <sup>2</sup> Up to 6 hours of General Education (<300 level) may be used to satisfy requirements of a minor. <sup>3</sup> Minimum grade of C is required for all coursework. <sup>4</sup> Certified Strength and Conditioning Specialist exam offered by the National Strength and Conditioning Association.	

# Mary Black School of Nursing

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The Mary Black School of Nursing offers a Bachelor of Science in Nursing with two tracks leading to the BSN:

**Professional Nursing Curriculum  
Four-Year Track**

**Professional Nursing Curriculum  
RN-BSN Track**

*Up* is where we live.

**UPSTATE**  
University of South Carolina

# BACHELOR OF SCIENCE IN PROFESSIONAL NURSING

## HISTORY

The Mary Black School of Nursing is named in honor of Mrs. Mary Black Phillips and the late Miss Rosa Black in appreciation for the generosity of the Black Family for their role in securing funds for the building that houses the School of Nursing. The School began offering the Associate Degree in Technical Nursing in 1967 with the beginning of the University. This program closed in 2005. The Bachelor of Science in Nursing program began in 1977 as an upper division program for registered nurses. In 1986, the first generic four-year track began. In 2003 the University of South Carolina Upstate opened an additional campus for the University in Greenville, South Carolina at the University Center of Greenville (UCG). Classrooms, computer laboratories, a learning resource center and faculty offices support the undergraduate program at the Greenville site. In 2008, the Mary Black School of Nursing, Spartanburg campus, moved its offices and classrooms to the new Health Education Complex on North Campus Boulevard. In spring 2013 the Mary Black School of Nursing received approval from the South Carolina Commission on Higher Education for a Master in Science degree with an emphasis on the Clinical Nurse Leader and classes began fall 2014. The Master of Science in Nursing Education and Master of Science in Nursing Leadership were approved Fall 2019.

## MISSION

The Mary Black School of Nursing provides innovative and high-quality nursing education to Upstate South Carolina and beyond. We strive for excellence in teaching, service, and scholarship, embrace diversity and inclusion, and establish meaningful partnerships needed to graduate nursing students of choice who are prepared to serve as leaders and change agents in promoting health within the community.

## VISION

The Mary Black School of Nursing will be recognized as a leader in nursing education, service, and scholarship that prepares practice-ready nurses from diverse backgrounds who promote health and wellness.

**Person:** A person is an individual who interacts holistically with their environment, interprets personal experiences, and seeks a higher level of self-awareness. This person interacts and communicates by respecting and caring for self and others by appreciating the values, beliefs, and behaviors encountered and by seeking knowledge within their learning community.

**Nurse:** A person who intentionally builds relationships with others to enable the condition of giving and receiving help. This person serves as a role model, teacher, and mentor and demonstrates nurturing and caring to others. Nursing is the art and science of attending to the discovery, creation, refinement of knowledge and ethical development of an authentic presence to facilitate wholeness.

**Environment:** The environment is the context in which teaching, learning, and nursing occur. In the learning environment, individuals seeking knowledge learn to create, modify, and promote optimal health by influencing the person to adjust as needed to the environment and by advocating for environmental support of the person.

**Health:** Deliberate actions that express caring and communicate physiological, psychological, social, spiritual wholeness and well-being. The illustration of health is a lived-experience of persons within their environment and is influenced by the reciprocal interactions as defined by that person's perspective of wellness.

**Education:** Nursing education responds to the needs and concerns of the public by developing a curriculum that are ethical, relevant, based on research, evidence, and considers future trends in health care and nursing. Students learn the art and science of nursing by the acquisition and application of knowledge, through thoughtful study, and by practicing skills in a variety of settings to develop into competent nurse generalist or nurse leaders that are prepared to meet the dynamic challenges of the Healthcare systems of today and tomorrow. Nursing education provides an environment that instills a quest for life-long learning through a sense of belonging and captures the essence of nursing, which is caring.

**Faculty:** The faculty at the Mary Black School of Nursing creates an environment that embodies caring, built on evidence, and support student learning. The learning environment is created by faculty that generates systematic inquiry, creativity, caring, and respect for self and others. Faculty facilitates opportunities for students to integrate the experience, service learning, information, and new knowledge to influence change in nursing, community, and healthcare. The commitment of the faculty is to design and implement curricula that prepare the student to become competent nurses entering the nursing profession and to develop nurse leaders to transform the practice of nursing. Creating innovative and evidence-based teaching strategies, the faculty engages students to apply and integrate critical reasoning, demonstrate and employ effective communications strategies, to become competent nurses or a transformational leader and clinical expertise to advocate for improving the well-being of individuals and community.

**Student:** A student is a person who is accountable and takes personal ownership of their learning. The student seizes learning opportunities, embraces various experiences, and gathers new knowledge that prepares them to become a professional nurse and a nurse leader. In a caring environment, students develop empathy, altruism, and respect for self and others. Upon completion, the student becomes a leader and responsible citizen, who influences nursing, the community, and healthcare.

## BOYKIN, BENNER, AND PENDER GUIDE THE PHILOSOPHY OF MARY BLACK SCHOOL OF NURSING A BRIEF DESCRIPTION

Boykin & Schoenhofer - Nursing as Caring

- Nursing is an academic discipline and a profession grounded in knowledge and intentional, authentic presence within the nursing situation.
- Person encounter is valuing human wholeness
- Focus on nursing is a nurturing person living and growing in caring
- Nurses attend to the call for caring
- "As an expression of nursing, caring is the intentional and authentic presence of the nurse with another who is recognized as a person living to care and growing in caring. Here, the nurse endeavors to come to know the other as a caring person and seeks to understand how that person might be supported, sustained, and strengthened in her or her unique process of living to care and growing in caring" (p.13)

Boykin & Schoenhofer (2001) *Nursing as Caring*. Sudbury, MA: Jones and Bartlett Publishers

Benner - Novice to Expert

- Focus on the development of skills and understanding of the patient over time.
- Acquisition of knowledge is obtained through practice, research, and understanding
- The growth of a nurse is built over time by practical experiences and

building on, and refining abstract principles gained through clinical experience guided by research and structure education process to grow to nurse

- Nursing practice is a study of the lived experiences of health, illness, and disease and the relationship between these three elements.
- Nurses use critical thinking & clinical judgment to provide evidence-based care to individuals, families, aggregates, and communities to achieve an optimal level of client wellness in diverse setting/ contexts.

Benner, P. (2001). *From novice to expert: Excellence and power in clinical nursing practice*. Upper Saddle River, NJ: Prentice-Hall, Inc.

Pender - Health Promotion Theory

- Increasing a person's well-being
- Multi-dimensional interaction within their environment in the pursuit of health.
- The role of the nurse is to exert influence on persons throughout their lifespan.
- The nurse must have a deep understanding determinates of health behaviors in order to promote the persons to promote the person's perceived strategies toward well-being.
- These strategies are with the client, family in changing behaviors to achieve a healthy lifestyle.
- Nursing collaborates with individual, families, and community to create the most favorable conditions for the expression of optimal health and high-level of well-being.

Pender, N. (1996). *Health promotion in nursing practice* (3rd ed). Upper Saddle River, NJ: Prentice-Hall, Inc.

### **BACHELOR OF SCIENCE IN NURSING PROGRAM GOALS**

1. Apply critical reasoning in nursing judgement and ethical decision-making, using a broad knowledge base, to make evidence-based decisions grounded in standards of nursing practice.
2. Demonstrate effective communication using various modalities and technologies to provide caring, competent, and holistic nursing care to diverse populations across the lifespan.
3. Practice competent nursing care that is evidence-based, safe, holistic, and therapeutic to individuals, families, and communities in a variety of clinical settings.
4. Operate as a professional role model and assumes responsibility of accountability for personal and professional behaviors, ethical practice, and client advocacy.

### **ACCREDITATION**

The School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE) and is also approved by the South Carolina Board of Nursing. Inquiries can be made to the CCNE at:

Commission on Collegiate Nursing Education  
655 K Street NW Suite 750  
Washington, D.C. 20001  
1-202-887-6791

Inquiries may also be made to the South Carolina Board of Nursing at:  
110 Centerview Drive  
Columbia, South Carolina 29210  
803-896-4550

### **BACHELOR OF SCIENCE IN NURSING PROGRAM (BSN)**

This professional program prepares graduates to assume entry-level positions in a variety of health care settings. The program is divided into two compo-

nents; entry as a pre-nursing major focused on meeting course pre-requisites, and entry as a nursing major focused on the clinical and didactic portions of the nursing curriculum. Required pre-nursing courses provide a broad background in general education and form the foundation for the professional nursing component of the program. Courses taken in the last two years of the program provide the theoretical and practical basis for nursing practice in an increasingly complex health care system. In addition to focusing on the essentials of nursing in the hospital, the curriculum also emphasizes community based and primary care. Opportunities to provide care to diverse clients are provided. Use of technology is integrated throughout the program. The program prepares graduates for professional positions immediately after graduation and provides a firm foundation for graduate study. Students who earn the Bachelor of Science in Nursing degree are eligible to sit for the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

### **FACILITIES**

The School of Nursing utilizes the facilities and resources of the entire university, the community and upstate health care agencies. The School of Nursing has two campuses that offer the undergraduate program in nursing, one at the main campus at USC Upstate and one on the Greenville campus at the University Center at Greenville (UCG). Both campuses are equipped with state of the art classrooms, computer labs in addition to a separate Simulation Center.

The School on the main campus is located in the Health Education Complex housing state-of-the-art educational technology. The Simulation Center assists students to learn in multiple modalities, including human patient simulators.

The School of Nursing offers a diversity of clinical sites for student experiences. Spartanburg Regional Health System, Prisma Health Upstate, AnMed Health, and Bon Secours St. Francis Hospital are some of the primary sites used for clinical experiences. The School has contracts with more than 60 additional health care agencies supporting the variety of clinical learning experiences for all students.

### **TRANSPORTATION**

Clinical learning experiences are varied in settings and are located in both Spartanburg and Greenville and surrounding counties. Students are expected to travel to and from all clinical experiences. Students are responsible for providing their own transportation and carrying appropriate insurance. The School of Nursing is not liable for any traffic violations or auto mishaps during the students' commute.

### **RESPONSIBILITIES TO CLINICAL AGENCIES**

Students are responsible for complying with policies and procedures required by clinical agencies. Failure to meet these requirements may lead to exclusion from required clinical educational experiences and prevent progression in the program.

### **COMPUTER LITERACY**

The School of Nursing acknowledges that health care delivery systems are evolving at an accelerated rate and becoming increasingly reliant on computer technology. Computer literacy is rapidly becoming a basic communication skill. Prior to enrolling in nursing courses, it is required that students familiarize themselves with basic computer skills. Students should be able to use a computer to log onto their e-mail account to communicate with other students and faculty. They should be able to log on to the Internet to access class content. Ability to use a word processing program and perform Internet searches for health care related materials are also required skills.

## ADVISING AND ASSISTANCE

The focus of advising in the School of Nursing is to assist students to successfully progress toward their educational objectives. The baccalaureate degree program is divided into two components: the lower division and the upper division. All lower division students will be advised by personnel in the Office of Nursing Student Support Services and/or Nursing faculty. All upper division students are advised by Nursing faculty. It is very important that students meet with their assigned advisor each semester. The advisor will speak with students about their academic plan of study as well as future employment and educational goals.

## ADMISSION POLICIES

### Admission as a Freshman

Entering USC Upstate freshman interested in nursing as a career must meet general entrance requirements of the university. Each student declaring nursing as a major are noted as "pre-nursing students" and are advised in the Office of Nursing Student Support Services. Students enrolled in the lower division of the school should meet with an advisor in planning an appropriate program of study. The program of study will ensure that each student registers for the correct prerequisite courses for the upper division courses. Students must meet with a nursing advisor each semester prior to registration. Students must complete all prerequisites prior to enrolling in the upper division of nursing. For information or assistance, call the School of Nursing (864) 503-5441.

Admission into the nursing major is competitive. A separate application for the final two years of the nursing major must be submitted by published dates on the forms available on the University website ([www.uscupstate.edu](http://www.uscupstate.edu)); select Academics, and then select Mary Black School of Nursing. The School admits applicants for the non-licensed portion of the upper division twice a year for the fall and spring semesters. Each semester's junior class is selected from all applicants who meet all the minimum requirements.

### Admission to the Upper Division

The final two years of the nursing curriculum are considered to be the upper division and are composed of professional nursing courses. In order to be considered for admission to the professional nursing major, students enrolled at USC Upstate must complete a separate application form which is available through the School of Nursing website. Transfer students must first apply to USC Upstate through the Office of Admissions and also complete a separate application available through the School of Nursing website.

Applications for admission for non-licensed students must be submitted to the School of Nursing by published dates for Fall and Spring semesters. Students typically apply for admission into the upper division during the first semester of their sophomore year. Applicants are not required to complete a Certified Nursing Assistant (CNA) program.

### Bachelor of Science in Nursing applicants should meet the following criteria:

Admission into the upper division, or final two years of study, in the nursing program is competitive. All applications are carefully reviewed. Minimum admissions criteria for Bachelor of Science in Nursing applicants are listed below.

#### General Admission requirements

- Applicants must be admitted to the University of South Carolina Upstate and have a minimum cumulative GPA of 3.0 on a 4.0 scale.
- Minimum GPA requirements must be maintained through the completion

of all prerequisite courses.

- Applicants must earn a C or better in all prerequisite courses to be considered for admission.
- Applicants must have a minimum required science GPA of 2.5 on a 4.0 scale.
  - o The five courses included in the science GPA are:
    - Human Anatomy & Physiology I and II
    - Chemistry of Living Things
    - Pathophysiology
    - Microbiology
  - o These courses must be successfully completed in 2 attempts (W, WF, and AUD count as one attempt) to remain eligible for admission.
- An applicant who fails two required science courses, any two nursing courses\*, or a combination of the two, by earning a grade less than a C will be ineligible for admission.
  - o Examples that would cause ineligibility include, but are not limited to:
    - A grade below a C in Chemistry twice
    - A grade below a C in Anatomy and Physiology I and Medical Terminology
    - A grade below a C in Anatomy and Physiology II and Microbiology
    - A student withdraws and receives a W for A&P I. Then in a second attempt, earns a grade below a C in A&P I. The student has exhausted the attempts for the course.
    - o Retaking a course for a passing grade does not negate a previous failure.
- The School of Nursing does not recognize the grade forgiveness policy of USC Upstate or any other school.
- Applicants must have completed all prerequisite requirements prior to beginning upper-division nursing courses. All prerequisites must be completed by the end of the previous major semester (fall or spring). If applying for fall term, one course may be taken over the previous summer at a USC system campus only.
- All applicants must successfully complete a pre-admission exam. The details for this exam will be updated and posted to the most current application instructions when available.
- If a student has an academic integrity violation on record, their eligibility will be evaluated on a case-by-case basis.
- Upon tentative acceptance to the program, students must successfully complete:
  - a criminal background check
  - a drug screening
  - American Heart Association Healthcare Basic Life Support (BLS) certification
  - clinical requirements as mandated by our clinical settings

#### Science and Nursing Course Policies

In addition to the science and nursing\* course notes above:

- Applicants must have completed two of the five required science courses and be enrolled in a third required science at the time of application.
- All science and nursing\* courses must be completed within the last five years.
- If an applicant has two nursing failures from any school within the last 5 years, they would be ineligible for the program.
- Science and Nursing policies are not an option for student appeal.

\*Nursing courses are defined as any USC Upstate course with a prefix of NURS or any course that is accepted as a NURS course for our program.



\*Applicants that meet two of the three following admission criteria are encouraged to apply (3.0 Cumulative GPA, 2.5 Science GPA, and successful completion of pre-admissions exam). These students will be considered on a case by case basis when seats are available.

### **BACHELOR'S DEGREE FOR REGISTERED NURSES (RN TO BSN)**

Registered nurses who have previously earned diplomas or associate degrees in nursing are admitted to the undergraduate program to meet requirements for the Bachelor of Science in Nursing degree. Students are able to complete all degree requirements on a full time basis in one calendar year of study, or part-time in two calendar years.

The School awards 33 semester hours of validated nursing credit to each registered nurse for past nursing courses. The RN to BSN track is offered in collaboration with Palmetto College. For more information, visit <http://palmettocollege.sc.edu>.

### **DISTANCE LEARNING**

The mission of the School is to provide excellence in teaching and as such is dedicated to providing unique opportunities and creative flexible programs for students, faculty and the community. Distance learning and the use of other new educational technologies are part of the future in the continuing mission. The School offers the RN to BSN track in two modalities: traditional classroom and web. For further information and class offerings, please contact the School of Nursing Office at the Greenville campus, 864-552-4248.

### **Admission of Registered Nurse Students**

Application for admission to the upper division for registered nurse students is selective. Students apply through USC Upstate or the Palmetto College website and with the school of nursing. Each year's class is selected from students who meet the minimum requirements:

- a) Minimum grade of C on all required prerequisite courses.
- b) Completion of all lower division course requirements as listed on the Bachelor of Science Nursing Curriculum RN Track Student Worksheet.
- c) Graduate from an ADN or diploma program that is recognized as accredited by the Commission for Education in Nursing, INC (ACEN), formerly the National League of Nursing (NLN)
- d) Hold an unencumbered license. Clinical experiences in states other than South Carolina require an active license in that state.

## **ENROLLMENT AND PROGRESSION POLICIES**

### **Southern Council on Collegiate Education for Nursing (SCCEN)**

#### **Core Performance Standards**

The Mary Black School of Nursing requires all applicants and continuing students to meet core performance standards as defined by the Southern Council on Collegiate Education for Nursing (SCCEN). These core performance standards are defined as follows:

**Standard 1:** Critical Thinking and Related Mental Abilities: Must have critical thinking ability sufficient for clinical judgment. Examples of necessary functional abilities associated with this standard include (not an all inclusive list): ability to interpret, investigate, communicate, and comprehend complex situations; identify cause and effect relative to clinical situations; ability to make decisions and assess situations under varying degrees of stress; ability to read and comprehend detailed charts, reports, journal articles, books, etc; and capable of performing all arithmetic functions (addition, subtraction, multipli-

cation, division, ratios and simple algebraic equations).

**Standard 2:** Communication and Interpersonal Abilities: Must be able to read, write, speak and comprehend English with sufficient skill to communicate effectively verbally and non-verbally; must have interpersonal abilities sufficient to interact with individuals, families and groups from a variety of social, emotional, cultural and intellectual backgrounds. Examples of necessary functional abilities associated with this standard include (not all inclusive): ability to establish rapport with clients and their families, peers, agency personnel and faculty, explain treatment procedures; initiate health teaching, and document and interpret nursing actions and client responses.

**Standard 3:** Physical activities. Must have physical abilities sufficient to move from room to room and maneuver in small spaces with gross and fine motor abilities sufficient to provide safe and effective nursing care. Examples of necessary functional abilities associated with this standard include (not all inclusive): move around a client's room, work spaces, treatment areas and administer CPR; calibrate and use equipment; position and transfer clients; capable of lifting up to 50 pounds independently; pushing up to 200 pounds independently; reaching 18 inches above head without the use of mechanical devices to elevate themselves; capable of sitting, standing, walking for extended periods of time; experience no limitation when bending, stooping, sitting, standing, walking (i.e. uses no mechanical devices to assist themselves which would impede the safety of a client); ability to move to and respond to an emergency situation in a timely manner and able to document in a clear, legible manner.

**Standard 4:** Hearing: Must have auditory ability sufficient to monitor and assess health needs. Examples of necessary functional abilities associated with this standard include (not all inclusive) ability to hear auscultatory sounds, monitor alarms and emergency signals; ability to hear soft whispers of clients and families and able to tolerate loud noise for extended periods of time. Assistive devices must correct hearing to this degree and be worn at all times during clinical experiences.

**Standard 5:** Visual: Must have the visual ability sufficient for observation, assessment and intervention necessary for nursing care. Examples of necessary functional abilities include (not all inclusive): observe client responses; accurately read equipment, gauges and monitors; vision correctable to 20/40, normal depth perception and ability to distinguish colors; ability to tolerate offensive visual situations.

**Standard 6:** Smell: Must have smelling ability to monitor and assess health needs. Examples of necessary functional abilities include (not all inclusive); ability to differentiate between various types of smells and odors and ability to tolerate offensive odors. Please note that students will be accommodated in accord with the Americans with Disabilities Act.

### **CRIMINAL BACKGROUND CHECKS**

Clinical agencies are requiring all students to have a criminal background check (CBC). The federal and state CBC policy for USC Upstate Mary Black School of Nursing has been developed based on DHEC Procedures for Conducting State and Federal Criminal Background Checks for Direct Caregivers. If a student has been found guilty or has plead no contest to substance abuse, child or adult abuse, sexual assault, assault with a deadly weapon, neglect or mistreatment of residents/patients/clients or misappropriation of resident/patient/clients property or felony, the facility cannot permit that student to work as a direct caregiver. The student assumes the cost of these requirements.

### **DRUG SCREENS**

Clinical agencies require students to submit to a drug screen prior to caring

for patients. For obvious health and safety concerns, nurses must conduct health care and educational activities fully in control of their manual dexterity and skills, mental faculties, and judgment. The presence or use of drugs or alcohol, lawful or otherwise, which interferes or impairs the judgment or motor coordination of nursing students in a health care setting poses an unacceptable risk for patients, colleagues, the University, and affiliating clinical agencies. Preventing and/or detecting substance abuse, as defined below, is particularly critical in the Mary Black School of Nursing's Upper Division of the BSN program, where students spend a considerable amount of time learning patient care in a variety of clinical settings. The Mary Black School of Nursing recognizes its responsibility to endeavor to provide a safe, efficient academic environment for students and to cooperate with clinical agencies in providing for the safe and effective care of their patients during nursing students' clinical experiences in their facilities. Therefore, the following policy has been adopted to:

- a. Proscribe substance abuse and/or activities or behaviors a) that are prohibited by the University's Drug-Free Policy, or b) which may subject the involved student, other individuals, and the University to legal penalties or consequences, or c) which may cause a deterioration of the atmosphere and circumstances under which the care of patients and the nursing educational programs are conducted;
- b. Identify students in the upper division of the BSN program who may have a drug or alcohol-related impairment or conviction that may impact their ability to learn safe nursing care practices or that may create unacceptable risks for the University or clinical agencies in which students have clinical experiences;
- c. Cooperate with affiliating clinical agencies by requiring nursing students reporting to such agencies to consent voluntarily a) to allow those agencies to drug test the student in accordance with their policies, and b) to disclose any drug testing results to appropriate Mary Black School of Nursing officials.

**Drug testing** means the scientific analysis of urine, blood, breath, saliva, hair, tissue, and other specimens of the human body for the purpose of detecting a drug or alcohol.

**Illegal drug** means any drug which is not legally obtainable; any drug which is legally obtainable but has not been legally obtained; any prescribed drug not legally obtained; any prescribed drug not being used for the prescribed purpose or by the person for whom it was prescribed; any over-the-counter drug being used at a dosage level other than that recommended by the manufacturer, or being used for a purpose other than the purpose intended by the manufacturer; and any drug being used for a purpose or by a person not in accordance with bona fide medical therapy. Examples of illegal drugs include, but are not limited to, stimulants, depressants, narcotic or hallucinogenic drugs, cannabis substances, such as marijuana, CBD oil, and hashish, cocaine, heroin, methamphetamine, phencyclidine (PCP), and so-called designer drugs and look-alike drugs.

**Impaired** means that a person's mental or physical capabilities are reduced below their normal levels (with or without any reasonable accommodation for a disability). An impaired student manifests deterioration in the level of function as compared to that previously observed, or the student does not function at a level normally expected under the prevailing circumstances. Impairment may exist in one or more multiple domains, including psychomotor activity and skills, conceptual or factual recall, integrative or synthetic thought processes, judgment, attentiveness, demeanor and attitudes as manifested in speech or actions. Impairment will include addiction to and/or physical dependence upon chemical substances.

**Nursing student** means any individual formally enrolled in the Mary Black

School of Nursing in pursuit of the BSN degree, including registered nurses (RN) and students taking courses via distance education, special students, either alone or in combination with any other degree, regardless of the specific location of the student.

**Substance abuse** means (a) the manufacture, use, sale, purchase, distribution, transfer, or possession of an illegal drug by any nursing student while on University or affiliated clinical site premises or while participating in any University or affiliated clinical site-sponsored or related activity, including any nursing-related course or clinical training activity; (b) the consumption, possession, or distribution of alcohol, unless approved by the University or clinical agency, by any nursing student while on University or affiliated clinical site premises or while participating in any University- or affiliated clinical site-sponsored or related activity, including any nursing-related course or clinical training activity; and (c) a nursing student's use of alcohol or any drug in such a way that the student's performance in any nursing course, including activities at any clinical site, is impaired.

Students in the upper division of the BSN program will be required to indicate any legal convictions pertaining to the manufacture, use, possession, sale or other distribution of illegal or legally controlled substances; pertaining to or related to the abuse of alcohol or any other chemical substance; and the consequences of any such conviction(s). Failure to provide the above-required information, past legal convictions for activities related to illegal or legally controlled substances, and/or information or evidence that reasonably establishes a past pattern of chemical substance abuse will be grounds for dismissal from the program. However, prior legal convictions related to chemical substances will be considered along with all other information pertaining to the individual, and will not produce automatic dismissal from the program. Discovery that false or fraudulent or misleading information was provided prior to matriculation will be grounds for dismissal from the program. Students who engage in substance abuse while currently enrolled in the program will be subject to dismissal from the School of Nursing.

## PHYSICAL EXAMINATIONS

Each nursing student must have a physical examination by a physician or a certified nurse practitioner. You may choose to have your physical examination through your personal health care provider or through the USC Upstate Health Service Office (864-503-5191). Reports of this examination must be submitted on forms provided from the Mary Black School of Nursing and must be received by the School of Nursing by published deadlines. Individual clinical agencies may require additional documentation for specific health requirements which must be met by each student attending that agency.

## IMMUNIZATIONS AND TITERS

To comply with clinical agency contracts, each student must provide proof of a series of immunizations and/or titers. Some of this same information **must** also be sent to Health Services on the form sent to you by the USC Upstate Admissions Office. We highly recommend that nursing students receive the Hepatitis B Vaccine to develop immunity to this form of viral hepatitis. A series of three doses is required to achieve immunity. Students who do not take the Hepatitis B Vaccine are required to sign a waiver stating such refusal. The USC Upstate Health Service Office can administer the vaccine for the published fee. Students must submit proof of the following immunizations:

- Tetanus, Diphtheria, & Pertussis Booster (within last 10 years)
- Varicella vaccine or positive titer
- Measles, Mumps, Rubella (Immunization or positive titer)
- Tuberculosis (negative), TST
- Hepatitis B vaccine (see above)
- Annual Flu vaccine

Nursing students will be caring for clients whose HIV status is unknown and all students and faculty use universal precautions when caring for any client. Nursing students who believe themselves to be at risk for transmission of HIV/AIDS are urged to voluntarily inform the University Office of Disability Services who will collaborate with faculty to determine if modifications in clinical courses can be reasonably accommodated.

**Health Insurance:** Clinical agencies require students to possess health insurance. Hospitals and health agencies provide emergency treatment to students for injuries or illness occurring in the course of the program requirements in their agencies. Treatment for illness will be at the expense of the students. Treatment for injuries will be covered through Workman's Compensation. The University pays all fees for enrollment in Workman's compensation emergency treatment to students for injuries or illness occurring in the course of the program requirements in their agencies.

**Cardio-pulmonary Resuscitation (CPR):** To be in compliance with clinical agency contractual agreements, all students must be certified in CPR (Adult and Child/Infant) through the American Heart Association. This certification must be active for the entire time you are enrolled in nursing courses at USC Upstate. Please check requirements, some CPR certifications require annual recertification and some programs require recertification every two years. A CPR course is offered at USC Upstate Health Services for a nominal fee.

**Liability Insurance:** Each student is covered for malpractice liability under the auspices of the University of South Carolina Upstate. It is strongly suggested that registered nurses continue to maintain their own liability policy.

**Occupational Safety & Health Administration (OSHA):** Students must be current with the standard OSHA requirements of infection control, fire safety, management of hazardous materials, and back safety. Annual testing of this information is required for enrollment progression.

**Health Insurance Portability & Accountability Act (HIPAA):** Each student must successfully complete the HIPAA program and test in order to assure compliance with HIPAA regulations. Some clinical agencies may require students to complete agency specific HIPAA programs and tests also.

## PROGRESSION POLICIES

1. Nursing courses are sequential, and any student who fails to take nursing courses in sequence cannot progress in the program.
2. Students must achieve a grade of "C" or higher in every nursing course to progress in the program.
3. Students who earn less than a "C" will be required to repeat that course prior to enrolling in any subsequent course. Students who then earn a second grade below "C" in any nursing course will be permanently dismissed from the program.
4. Students are allowed two attempts to successfully complete nursing courses. Withdrawal from a nursing course for any reason in which a grade is assigned including (W) or (WF) will count as one attempt in the course. A second attempt to take the same course will exhaust the student's repeat option.
5. All 300-level courses must be completed satisfactorily before enrolling in any 400-level courses.
6. Students must complete the program of required nursing courses within four years of initial entry into the program. Students who exceed the four year time limit will be dismissed from the program.

**Graduation Requirements:** Students must meet all requirements for graduation as stated in this academic catalog. Students graduating with a degree in nursing must have a minimum GPA of 2.0 in all required nursing courses.

**Transfer of Credit:** Students wishing to transfer to the baccalaureate program from other institutions will have their transcripts evaluated to determine the comparability with courses at USC Upstate and applicable to the nursing program of study.

**Auditing of Nursing Courses:** USC Upstate guidelines are followed related to auditing of courses. After admission to the nursing program, the following courses may be audited: NURS U301: Nutrition, NURS U306: Introduction to Professional Nursing, NURS U420: Current Topics, NURS U375: Pharmacology, NURS U430: Leadership, NURS U425: Evidence-Based Practice, and NURS U497: Nursing Issues. Students may not audit a nursing course with a corequisite practicum. No nursing practica may be audited.

**Credit by Examination:** Some general education and supporting courses may be exempted by having successfully passed Advanced Placement (AP) tests in high school, College Level Examination Program (CLEP) tests, Defense Nontraditional Education Support (DANTES) tests or challenge examinations prepared at USC Upstate (see Credit by Examination section of this catalog). More specific information may be obtained from the Counseling and Career Development Center. Licensed practical nurses may obtain credit for NURS U301, NURS U310, NURS U320 and NURS U320P by successfully completing the required validation examination.

**College Level Examination Program (CLEP or the Defense Activity for Nontraditional Education Support (DANTES):** Following general university policy, a combination of CLEP and/or DANTES examinations may be taken to obtain up to 30 hours of credit. Junior and senior level nursing courses cannot be validated by CLEP or DANTES. CLEP or DANTES examinations are not acceptable for physiology, anatomy, chemistry or microbiology.

## Professional and Pre-professional Organizations Student Nurses Association (SNA)

The Student Nurses' Association of the Mary Black School of Nursing welcomes pre-nursing and nursing students who are enrolled in the four-year track and the RN to BSN track. Through their participation in various activities, students develop awareness of professional accountability and ethical standards mandated by the nursing profession. Planned, organized monthly meetings that focus on the provision of quality health care and advances in nursing education contribute to the student's knowledge base. By participation in SNA the students develop a leadership potential that will enable them to be future leaders in the nursing profession.

## Sigma Theta Tau International Honor Society, Mu Rho Chapter

Sigma Theta Tau International, Honor Society of Nursing provides leadership and scholarship in practice, education and research to enhance the health of all people. They support the learning and professional development of members, who strive to improve nursing care worldwide. The Mu Rho chapter of Sigma Theta Tau was chartered in March 1992. Membership is open to those students in the top 35 percent of the senior class who have attained a minimum nursing GPA of 3.0. Graduate students may also be invited to join per Mu Rho Sigma Theta Tau criteria. The specific purposes of the Honor Society of Nursing, Sigma Theta Tau International membership are to:

- Recognize superior achievement;

- Recognize the development of leadership qualities;
- Foster high professional standards;
- Encourage creative work; and
- Strengthen commitment to the ideals & purposes of the profession.

**Upstate Chapter of the National Black Nurses Association (Upstate BNA), and Student of Upstate Black Nurses (SUBA)**

The Upstate Chapter of the National Black Nurses Association (UpstateBNA), and the Student of Upstate Black Nurses (SUBA), welcomes pre-licensed and registered nurses to become members of a dynamic organization that is the professional voice for over 200,000 African American registered nurses, licensed vocational/practical nurses, nursing students and retired nurses in 100 chapters in 33 states, Africa and the Caribbean. UpstateBNA provide leadership opportunities to advance nursing practice, improve health care for all Americans, particularly the un-served and the underserved and shape health policy for the access and delivery of health care services. We are actively engaged in the many issues currently challenging the profession of nursing. Issues that cross ethnic and racial barriers, influencing the health outcome of all Americans. There is no better time than now for us to work together to reform our health care system.

# Bachelor of Science in Professional Nursing

## Curriculum Four-Year Track

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses <sup>1,3</sup>	Completed
<b>I. Communication</b>	English	<b>6</b>	ENGL U101, ENGL U102	
	Speech	<b>3</b>	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	<b>3</b>	MATH U120, U121, U126, or higher	
	Natural Science (w/ lab)	<b>8</b>	BIOL U243/L; CHEM U109/L <sup>2</sup> , U112/L	
	Math, Logic and/or Natural Science	<b>3</b>	MATH U102; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	<b>3</b>	CSCI U138; INFO U101	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	<b>3</b>	AFAM U204; ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	<b>3</b>	HIST U101, U102, U105, U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	<b>3-4</b>	ASLG U101, CHIN U101; FREN U101; GERM U101; SPAN U101 <sup>4</sup> , or higher	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	<b>3</b>	PSYC U101	
<b>VII. General Education Electives</b>	General Ed. Electives	<b>6</b>	Any General Education courses.	

*(continued on next page)*

Major Requirements <sup>1,3</sup>		
	credit hrs. (65)	Completed
NURS U306: Intro to Professional Nursing	3	
NURS U310: Health Assessment	3	
NURS U320: Foundations of Nursing	6	
NURS U320P: Foundations of Nursing Practicum	0	
NURS U330: Health Alterations I	6	
NURS U330P: Health Alterations I Practicum <b>or</b> NURS U331P: International Health Alterations I Practicum	0	
NURS U340: Nursing of Childbearing Families	5	
NURS U340P: Nursing of Childbearing Families Practicum <b>or</b> NURS U341P: International Nursing of Childbearing Families Practicum	0	
NURS U360: Child Health Nursing	5	
NURS U360P: Child Health Nursing Practicum <b>or</b> NURS U361P: International Child Health Nursing Practicum	0	
NURS U375: Pharmacology	3	
NURS U410: Health Alterations II	6	
NURS U410P: Health Alterations II Practicum <b>or</b> NURS U412P: International Health Alterations II Practicum	0	
NURS U425: Evidence-Based Practice	3	
NURS U430: Leadership in Nursing Practice	3	
NURS U441: Psychiatric Mental Health Nursing	6	
NURS U441P: Psychiatric Mental Health Nursing Practicum <b>or</b> NURS U442P: International Mental Health Nursing Practicum	0	
NURS U450: Health Alterations III	5	
NURS U450P: Health Alterations III Practicum <b>or</b> NURS U451P: International Health Alterations III Practicum	0	
NURS U461: Community & Public Health Nursing	6	
NURS U461P: Community & Public Health Nursing Practicum <b>or</b> NURS U471P: International Community & Public Health Nursing Practicum	0	
NURS U497: Issues in Professional Nursing (Senior Seminar)	2	
NURS U499P: Senior Practicum in Professional Nursing	3	

Supporting Courses <sup>1,3</sup>		
	credit hrs. (17)	Completed
NURS U301	3	
NURS U308 <b>or</b> BIOL U370 <sup>2</sup>	3	
BIOL U244/U244L <sup>2</sup>	4	
BIOL U250/U250L <sup>2</sup>	4	
PSYC U302	3	
<b>Total Hours Required</b>		<b>126</b>

- 1 All courses must be completed with a minimum grade of C or better.
- 2 Required science courses have a 5-year age limit. Students are allowed two attempts to earn a "C" or better in each course. Attempts include a W, WF, and AUD. Students who make below a "C" two times in any required science courses or any nursing courses or any combination, will be ineligible for the program. All applicants must have a 2.5 or higher GPA on at least three required sciences to be eligible to apply.
- 3 Final responsibility for satisfying degree requirements as outlined in the USC Upstate academic catalog rests with the student.
- 4 If the student places at the 102 level or higher, the foreign language requirement has been fulfilled and the student will not be required to take an additional course and can graduate with 123 credit hours.

# BACHELOR OF SCIENCE IN NURSING

## SUGGESTED COURSE SEQUENCE OUTLINE: FOUR-YEAR TRACK

Other course sequences are also possible; students should seek guidance regarding prerequisites. MATH U121 or higher is the required prerequisite for PSYC U225: Psychological Statistics. Part-time study in nursing is available but nursing courses must be completed within a maximum of 8 semesters; students should consult with their advisor for proper course sequencing.

### Freshman Year

#### Fall

ENGL U101 .....	3
BIOL U243/L .....	4
MATH U120, U121, or U126 .....	3
CSCI U138 or INFO U101 .....	3
Elective (UNIV U101 recommended) .....	3
<b>Semester total .....</b>	<b>16</b>

#### Spring

ENGL U102 .....	3
BIOL U244/L .....	4
HIST U101, U102, U105, or U106 .....	3
PSYC U101 .....	3
Elective (NURS U230 recommended) .....	3
<b>Semester total .....</b>	<b>16</b>

### Sophomore Year

#### Fall

CHEM U109/L .....	4
PSYC U302 .....	3
SPCH U201 .....	3
NURS U308 or BIOL U370 .....	3
Fine Art (see list of approved courses) .....	3
<b>Semester total .....</b>	<b>16</b>

#### Spring

BIOL U250/L .....	4
CHIN U101 OR FREN U101 OR GERM U101 OR SPAN U101 OR ASLG U101 .....	3
MATH U102 or PSYC U225 or SOCY U201 .....	3
NURS U301 .....	3
<b>Semester total .....</b>	<b>13</b>

### Junior Year

(Admission to the BSN program is required to enroll in all NURS U306 courses and higher, except the support course NURS U308).

#### First semester

NURS U306 .....	3
NURS U310 .....	3
NURS U320 .....	6
NURS U320P .....	0
NURS U375 .....	3
<b>Semester total .....</b>	<b>15</b>

#### Second semester

NURS U330 .....	6
NURS U330P or U331P .....	0
NURS U340 .....	5
NURS U340P or U341P .....	0
NURS U360 .....	5
NURS U360P or U361P .....	0
<b>Semester total .....</b>	<b>16</b>

### Senior Year

#### First semester

NURS U410 .....	6
NURS U410P or U412P .....	0
NURS U425 .....	3
NURS U430 .....	3
NURS U441 .....	6
NURS U441P or U442P .....	0
<b>Semester total .....</b>	<b>18</b>

#### Second semester

NURS U450 .....	5
NURS U450P or U451P .....	0
NURS U461 .....	6
NURS U461P or U471P .....	0
NURS U497 .....	2
NURS U499P .....	3
<b>Semester total .....</b>	<b>16</b>

**Total Hours Required .....** 126

# BACHELOR OF SCIENCE IN NURSING

## CURRICULUM OPTION FOR REGISTERED NURSES

USC Upstate offers the RN to BSN track in collaboration with Palmetto College. The registered nurse track (RN/BSN) is designed for graduates of associate degree and diploma programs in nursing. It is comprised of courses in nursing, sciences and liberal arts. Registered nurses, who have completed successfully the elective, general education, and supporting courses, and who have met the admission requirements, may complete the program in one calendar year of study as outlined in the course sequence. Courses are offered at the University Center of Greenville and via the Internet. Didactic classes at UCG will be held one day per week, while Internet courses are offered in the asynchronous mode. Students desiring part-time study will require a longer period of time to complete the program.

All policies related to the Bachelor of Science in Nursing four-year track program apply to the registered nurse track unless specifically identified as four-year track policies.

### ADMISSION REQUIREMENTS

*See Admission Requirements in this section.*

### CONTINUATION STANDARDS

*See Continuation Standards in this section.*

### ACADEMIC RESIDENCY

*RN-BSN track students are required to meet the USC Upstate academic residency requirement. The last 25% (32 semester hours) of the curriculum must be courses offered through USC Upstate.*

### RN-BSN Track One-Year Option Suggested Course Sequence Outline

*(Part-time study is also possible; students should seek guidance regarding required sequencing.)*

#### Prerequisite Credit:

General Education Support Courses, Electives .....	61
Advanced Placement Credit for Nursing Courses .....	33

#### First Semester

NURS U310 .....	3
NURS U350 .....	3
NURS U420 <sup>1</sup> .....	3
NURS U427 .....	3

**Semester total ..... 12**

#### Second Semester

NURS U420 <sup>1</sup> .....	3
NURS U425 .....	3
NURS U430 .....	3
NURS U428 .....	3

**Semester total ..... 12**

#### Summer

NURS U461 .....	6
NURS U461P .....	0
NURS U497 .....	2

**Semester total ..... 8**

**Total Hours Required..... 126**

<sup>1</sup>Topics vary by semester: students may not repeat the same topic for credit.



# Bachelor of Science in Professional Nursing Curriculum RN-BSN Track

## Student Worksheet

Requirement Area/ Sub Area	# credit hours	Courses	Completed
<b>I. Communication</b>			
English	6	ENGL U101, U102	
Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>			
Mathematics	3	MATH U120, U121 <sup>1</sup> , U126	
Natural Science (w/ lab)	8	BIO U243/L; CHEM U109/L	
Math, Logic, Natural Science	3	MATH U102; PSYC U225; SOCY U201	
<b>III. Information Technology</b>			
Info. Tech.	3	CSCI U138; DGST U101; INFO U101; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>			
Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170	
History	3	HIST U101, U102, U105, U106	
<b>V. Foreign Language &amp; Culture</b>			
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>			
Foreign Language	3	ASLG U101, CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>			
Social & Behavioral Science	3	PSYC U101	
<b>VII. General Ed. Electives</b>			
Gen. Ed. Elect.	6	Any General Education courses.	
<b>Major Requirements<sup>1</sup></b>			
	credit hrs.	Completed	
NURS U310: Health Assessment	3		

NURS U350: Professional Nursing Role Transition	3	
NURS U420: Current Topics in Nursing (Course must be repeated for a total of 6 hours. Topics must be different.)	6	
NURS U427: Digital & Informatics Literacy for Nurses	3	
NURS U425: Evidence-Based Practice	3	
NURS U428: Quality & Patient Safety	3	
NURS U430: Leadership in Nursing Practice	3	
NURS U461: Community & Public Health Nursing	6	
NURS U461P: Community & Public Health Nursing and Practicum <i>or</i> NURS U471P: International Community & Public Health Nursing and Practicum	0	
NURS U497: Issues in Professional Nursing Practice (Senior Seminar)	2	

Supporting Courses <sup>1</sup>		
	credit hrs.	Completed
BIOL U244/U244L	4	
BIOL U250/U250L	4	
PSYC U302	3	

Advanced Placement		33
	credit hrs.	Completed
Advanced Placement credit for RN-BSN track students who meet the advanced placement requirement		

Electives <sup>1</sup>		6
	credit hrs.	Completed
NURS U420 <sup>2</sup>		
NURS U700/NURS U701 <sup>5</sup>		

Total Hours Required	126
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- <sup>1</sup> All courses must be completed with a minimum grade of C or better
- <sup>2</sup> MATH U121 or higher is the required prerequisite for PSYC U225
- <sup>3</sup> If the foreign language U101 course is required, it may be counted as an elective. If the student places at the 102 level or higher, the foreign language/culture competency has been fulfilled and the student will not be required to take an additional foreign language course or elective and can complete the BSN program with 123 credit hours.
- <sup>4</sup> RN-BSN students must complete NURS U420 twice with different subject matter.
- <sup>5</sup> RN to MSN students may substitute NURS U700 and/or NURS U701 for NURS U420 with instructor approval and senior privilege.

# College of Science and Technology

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The College of Science and Technology is comprised of the following academic units:

## **Department of Informatics and Engineering Systems**

Majors: Advanced Manufacturing Management, Engineering Technology Management, Information Management & Systems, Health Informatics, Health Information Management

Minor: Health Informatics, Information Management & Systems

## **Division of Mathematics and Computer Science**

Majors: Computer Information Systems, Computer Science, Cybersecurity, Math

Minors: Computer Science, Math

## **Division of Natural Sciences and Engineering**

Majors: Biology, Chemistry

Minors: Biology, Chemistry

Areas of Study: Pre-Dental, Pre-Engineering, Pre-Medical, Pre-Optometry, Pre-Pharmacy, Pre-Physician Assistant, Pre-Veterinary Medicine

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**UPSTATE**  
University of South Carolina

# DEPARTMENT OF INFORMATICS AND ENGINEERING SYSTEMS

The Department of Informatics and Engineering Systems offers the Bachelor of Arts degree in Information Management and Systems; Information Management and Systems in Health Information Management (CAHIM accredited); and Health Informatics. The Department also offers the Bachelor of Science in Engineering Technology Management (ABET accredited) and the Bachelor of Applied Science in Advanced Manufacturing Management. A minor is offered in Information Management and Systems and in Health Informatics.

This Bachelor's program requires an accredited associate degree in Automated Manufacturing Technology, Industrial Electronics Technology, or Mechatronics before full acceptance into the degree program.

## Bachelor of Applied Science Major in Advanced Manufacturing Management<sup>1</sup> Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	6	MATH U102, U121	
	Natural Sci. (w/ lab)	4	<b>One lab based course from the following:</b> ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; HONS U121; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<i>Choose one course from each of the following two sections.</i>				
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204, ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; SOST U201; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
<i>Students placing into the U201 or higher level of a language satisfy the language requirement but will have additional hours in electives, if hours are required by the major.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	3	<b>One course from the following:</b> AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>	Gen. Ed. Elect.	9	<b>Three additional general education courses from any above not already taken or from this list of additional Humanities courses:</b> AFAM U201; AMST U101, U102; ARTH U101, U105, U106; ENGL U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U199, U398; MUSC U110, U140; PHIL U102, U211; RELG U102; THEA U161, U170	

Major Requirements <sup>1,2,3,4</sup>		
	credit hrs.	Completed
<b>Technical courses in discipline<sup>5</sup></b> (transfer-in block with Associate's Degree)	42	
AMMG U300: Manufacturing Leadership I	3	
AMMG U330: Manufacturing Work Analysis	3	
AMMG U415: Manufacturing Quality	3	
AMMG U410: Manufacturing Leadership II	3	
AMMG U420: Manufacturing Project Management	3	
AMMG U450: Operational Excellence	3	
AMMG U500: Senior Seminar	3	
Upper Level Electives <sup>3,6</sup> or Minor		12-18
	credit hrs.	Completed
<b>AMM Majors may select Upper Level Electives (12 hours) or a Minor (18 hours).</b>		

Elective		3
	credit hrs.	Completed
<b>Total Hours Required</b>		<b>121</b>
<p><i>1 Program Entry Requirements: Students must possess an accredited associate degree in Automated Manufacturing Technology, Industrial Electronics Technology, or Mechatronics.</i></p> <p><i>2 A maximum of 76 hours, including 42 hours of technical courses, may be transferred from a technical college curriculum. All courses transferred for degree credit must be a minimum grade of "C."</i></p> <p><i>3 A minimum grade of C is required and an AMMG course used to meet AMM major requirements may not be taken more than twice. Attempts include receiving a "W", "WF", and "Audit". Appeals to this policy may be made to the Chair of Informatics and Engineering Systems.</i></p> <p><i>4 To receive an Advanced Manufacturing Management degree, students must complete at least 15 hours of major course credit at USC Upstate.</i></p> <p><i>5 Technical content transfers in from the associate degree in a mechatronics area</i></p> <p><i>6 Upper Level Electives include 300 level or higher courses and any course accepted by the University as meeting the requirements of a cognate.</i></p>		

This Bachelor's program requires an ABET Accredited associate degree in Engineering Technology before full acceptance into the degree program. The Engineering Technology Management program is accredited by the Engineering Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD.

## Bachelor of Science Major in Engineering Technology Management<sup>1</sup> Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	7	MATH U127, U141	
	Natural Sci. (w/ lab)	8	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L, U220/L; CHEM U101/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Probability & Statistics	3	ECON U291; HONS U121	
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; DGST U101; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204, ARTH U101, U105, U106, ENGL U208; HONS U120; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the U102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	3	AFAM U201; ANTH U102; ECON U221, U222 ; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Ed. Electives</b>	Gen. Ed. Elect.	3	HONS U199, U398 or one General Education course.	
<b>Major Requirements<sup>1,2,6,7</sup></b>				
	<b>credit hrs.</b>	<b>Completed</b>		
<b>Technical courses in discipline<sup>8</sup></b> (transfer-in block with Associate's Degree)	31			
ETMG U320: Engineering Cost Analysis	4			
ETMG U330: Engineering Work Analysis	4			
ETMG U370: Systems Decision Making	4			
ETMG U410: Eng. Teams Theory and Practice	4			
			ETMG U415: Quality Practices	4
			ETMG U420: Engineering Project Mgt.	4
			ETMG U499: Senior Seminar	3
<b>Supporting Courses</b>				<b>6</b>
	<b>credit hrs.</b>	<b>Completed</b>		
Economics U292: Statistical Inference	3			
Technical Communications Course <sup>9</sup>	3			

<b>Upper Level Electives<sup>10</sup> or Minor</b>	<b>12-18</b>
ETM Majors may select Upper Level Electives (12 hours) or a Minor (18-27 hours).	

<b>Upper Level Electives<sup>5,6,10</sup></b>	<b>12</b>
	<b>credit hrs.    Completed</b>
<b>Two courses from the following:</b> ACCT U347, U348, MKTG U350, U351, U352, U452, U456, U457, U458, MGMT U371, U372, U374, U377, U378, U471, U475, U476, ECON U326	6
<b>Two additional Upper Level Electives</b>	6

<b>Minor<sup>4,5,6</sup></b>	<b>18-27</b>
	<b>credit hrs.    Completed</b>

<b>Elective</b>	<b>3</b>
	<b>credit hrs.    Completed</b>

<b>Total Hours Required</b>	<b>124-130</b>
<p><i>1 Program Entry Requirements: Students must possess an ABET Accredited associate degree in Engineering Technology. Students within 12 hours of Technical College Completion may be provisionally admitted to the program, but may take no more than 12 hours of ETMG courses with the ABET accredited associate degree in Engineering Technology. Exceptions for admission of students from non-ABET accredited Engineering Technology programs may be granted based on the ETM Exception Policy.</i></p> <p><i>2 A maximum of 76 hours, including 31 hours of technical courses, may be transferred from a technical college curriculum. All courses transferred for degree credit must be a minimum grade of "C."</i></p> <p><i>3 The successful completion of Mathematics U141 or higher with a minimum grade of C fulfills Mathematics requirement. The credit hours must be replaced with General Education electives.</i></p> <p><i>4 ECON U221 or ECON U222 is recommended for a Social and Behavioral Sciences elective for students choosing to complete a minor in Business Administration.</i></p> <p><i>5 ECON U222 is recommended for a Social and Behavioral Sciences elective for students planning to take ECON U326 for a cognate or minor in Business Administration.</i></p> <p><i>6 A minimum grade of C is required and an ETMG course used to meet ETM major requirements may not be taken more than twice. Attempts include receiving a "W", "WF", and "Audit". Appeals to this policy may be made to the Chair of Informatics and Engineering Systems.</i></p> <p><i>7 To receive an Engineering Technology Management degree, students must complete at least 15 hours of major course credit at USC Upstate.</i></p> <p><i>8 Technical content transfers in from the associate degree in an Engineering Technology area.</i></p> <p><i>9 College-level technical communications course (e.g., ENGL U346 Technical Writing or INFO U345 Technical Presentation &amp; Communication).</i></p> <p><i>10 Upper Level Electives include 300 level or higher courses and any course accepted by the University as meeting the requirements of a cognate.</i></p>	

The Bachelor of Arts in Health Informatics is a multidisciplinary degree integrating an understanding of health information management (HIM), computer technology, information management, information processing, communications, information resources administration, and the management of health information systems. The program provides graduates with the knowledge and skills needed to design, develop, and manage health information systems by combining concepts in healthcare, information technology, and leadership. The curriculum for the Bachelor of Arts in Health Informatics includes 43-44 hours in general education, 21 hours in health informatics, 48 hours in the Information Technology core, and 9 hours in departmentally-approved healthcare-related electives.

## Bachelor of Arts Major in Health Informatics\*

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed	
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101		
	Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U121, U122, U126, U127, U141, U142		
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L		
	Math, Logic and/or Nat. Science	6	One Natural Science course from the following: ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; HONS U121; PHYS U101; and one course from these: ECON U291; MATH U102; PSYC U225; SOCY U201		
<b>III. Information Technology</b>	Information Technology	3	INFO U101, U102; CSCI U138, U150		
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; THEA U161, U170		
	History	3	HIST U101, U102, U105, or U106		
<p><i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i></p>					
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101		
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Sciences	3	ANTH U102; AFAM U201; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101		
<b>VII. General Education Electives</b>	General Education Electives	6	HONS U199, U398 or any General Education Course		

Major Requirements <sup>1</sup>		78
Information Technology Core	48	
	credit hrs.	Completed
<b>Foundation</b>		
INFO U201: Concepts of Information Management	3	
INFO U303: Organizational Informatics and IT Platforms	3	
INFO U305: Social Informatics	3	
INFO U307: Systematic Innovation	3	
INFO U345: Technical Presentation	3	
<b>Foundation Elective (choose one)</b>	3	
ENGL U245: Business Writing		
ENGL U318: Writing in Digital		
ENGL U346: Technical Writing		
<b>Networking Technology</b>		
INFO U315: Networking Technology	3	
INFO U415: E-Commerce and the Internet	3	
<b>IT Management</b>		
INFO U441: IT Project Management	3	
INFO U450: Executive IT Management	3	
<b>Database Technology</b>		
INFO U325: Fundamentals of Relational Databases	3	
INFO U421: Data Warehousing and Decision Support Systems Technology	3	
<b>Capstone</b>		
HIMS U425: Public Policy Trends in HI	3	
HIMS U499: Senior Seminar in HIM	3	
<b>Technical Electives (choose two)</b>	<b>6</b>	
INFO U139: Introduction to Object-Oriented		
INFO U211: Microcomputer Organization		
INFO U347: Webpage Construction		
INFO U423: Human/Machine Interaction		
INFO U427: Cybersecurity Technology		
INFO U445: Computer Forensics		
HIMS U426: Healthcare Finance		

Health Informatics	24	
	credit hrs.	Completed
HIMS U201: Understanding Healthcare Organizations	3	
HIMS U250: Dept. Admin. in Healthcare	3	
HIMS U301: Healthcare Info Systems	3	
HIMS U302: Info Trends in Healthcare System	3	
HIMS U412: Ethics/Risk Management in HIM	3	
HIMS U413: Healthcare Technology and the Electronic Health Record	3	
HIMS U417: Healthcare Information Privacy and Security	3	
HIMS U450: Quality Management/Performance Improvement	3	

Electives (choose two)	6	
BIOL U206: Genetics and Society		
HIMS U350: Healthcare Quality Improvement		
INFO U399: Independent Study		
INFO or HIMS U498: Experiential Learning		
JOUR U349: Health Messaging and the Media		
PSYC U325: Research Methods for Psychology		
SOCY U357: Sociology of Mental Health and Mental Illness		
SOCY U361: Medical Sociology		

<b>Total Hours Required</b>	<b>121-122</b>
<i>1 A minimum grade of C is required.</i>	

\*pending CHE approval



The Bachelor of Arts in Information Management and Systems is a multidisciplinary degree integrating an understanding of computer technology, information management, information processing, communications, discipline-specific knowledge, information resources administration, and the ability to recognize relationships between technical systems and social structures (informatics). The program prepares graduates to design, implement, analyze, and manage information resources and use information technology to gain, produce, and manage knowledge to solve problems in health, industry, government, and educational settings. The curriculum for the Bachelor of Arts in Information Management and Systems includes 43-44 hours in general education, 45 hours in the information technology core, 9 hours in digital media, and 18-27 hours in a departmental approved minor or cognate.

## Bachelor of Arts

### Major in Information Management and Systems

#### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U121, U122, U126, U127, U141, U142	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U143/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	6	One Natural Science course from the following: ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201; GEOG U202; GEOL U104, U120; HONS U121; PHYS U101; and one course from these: ECON U291; MATH U102; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	INFO U101, U102; CSCI U138, U150	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	3	ANTH U102; AFAM U201; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	6	HONS U199, U398 or any General Education Course	

Major Requirements <sup>1</sup>	credit hrs.	Completed
<b>Information Technology Core</b>	<b>45</b>	
<i>Foundation</i>		
INFO U201: Concept of Info Mgmt & Sys.	3	
INFO U139: Intro to Object-Oriented Prog.	3	
INFO U211: Microcomputer Organization	3	
INFO U307: Systematic Innovation	3	
<i>Informatics</i>		
INFO U303: Org. Informatics & IT Platforms	3	
INFO U305: Social Informatics	3	
<i>Networking Technology</i>		
INFO U315: Networking Technology	3	
INFO U415: E-Commerce and the Internet	3	
<i>Database Technology</i>		
INFO U325: Fundamentals of Relational DB	3	
INFO U421: Data Warehousing and Decision Support Systems Technology	3	
<i>IT Management</i>		
INFO U441: IT Project Management	3	
INFO U450: Executive IT Management	3	
<i>Capstone</i>		
INFO U499: Senior Seminar	3	
<i>Technical Electives (choose two)</i>		
INFO U399: Independent Study		
INFO U417: Information Privacy & Security		
INFO U422: Knowledge-Based Systems		
INFO U423: Human/Machine Interaction		
INFO U424: Big Data		
INFO U425: Cloud Management		
INFO U427: Cybersecurity Technology		
INFO U430: Intelligent Systems		
INFO U445: Computer Forensics		
INFO U496: Special Topics in Informatics <sup>2,3</sup>		
INFO U498: Experiential Learning		

Digital Media & Comm. Core	9	
ENGL U245: Business Writing	3	
INFO U345: Technical Presentation	3	
INFO U347: Web Page Construction	3	

Cognate or Minor Option <sup>1</sup>	12-27	
	credit hrs.	Completed

Supporting Course <sup>1</sup>	credit hrs.	Completed
Cultural Studies selected with approval of advisor or foreign language	3-6	

Electives (sufficient to reach 120 credit hours)	2-8	
	credit hrs.	Completed

<b>Total Hours Required</b>	<b>120-128</b>
<small> <sup>1</sup> A minimum grade of C is required.  <sup>2</sup> This course may be repeated for credit when topics vary.  <sup>3</sup> With approval of advisor. </small>	

Students who have received an associate degree from an accredited health information management program and hold the registered health information technician (RHIT) certification (or pass the registry exam within six months of entrance into this program) may enroll in the accredited health information management program. This program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education [CAHIIM]). Students must complete a separate application, provide a written sample, and interview with the program director prior to entry in the program. Upon completion, students are eligible to take the registered health information administrator (RHIA) certification exam. This program prepares students for management careers in health information systems, electronic medical records, and insurance coding.

## Bachelor of Arts

### Major in Information Management and Systems

### Accredited Concentration in Health Information Management\*

*Student Worksheet*

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	3-4	MATH U121, U122, U126, U127, U141, U142	
	Natural Science (w/ lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Nat. Science	6	One Natural Science course from the following: ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201, U202; GEOL U104, U120; HONS U121; PHYS U101; and one course from these: ECON U291; MATH U102; PSYC U225; SOCY U201	
<b>III. Information Technology</b>	Information Technology	3	INFO U101, U102; CSCI U138, U150	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; ENGL U208; HONS U120; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, or U106	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Sciences	3	ANTH U102; AFAM U201; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Education Electives	6	HONS U199, U398 or any General Education course	

Major Requirements <sup>1</sup>		39
	credit hrs.	Completed
<b>Information Technology Core</b>	<b>21</b>	
<b>Foundation</b>		
INFO U303: Organizational Informatics and IT Platforms	3	
<b>Networking Technology</b>		
INFO U315: Networking Technology	3	
INFO U415: E-Commerce and the Internet	3	
<b>Database Technology</b>		
INFO U325: Fundamentals of Relational Databases	3	
INFO U421: Data Warehousing and Decision Support Systems Technology	3	
<b>IT Management</b>		
INFO U441: IT Project Management	3	
INFO U450: Executive IT Management	3	
<b>Capstone Courses</b>	<b>6</b>	
HIMS U498: Practicum in Healthcare Information Management	3	
HIMS U499: Senior Seminar	3	
<b>Technical Electives<sup>1</sup> (choose three)</b>	<b>9</b>	
INFO U201: Concepts of Information Management & Systems		
INFO U211: Microcomputer Organization		
INFO U305: Social Informatics		
INFO U345: Technical Presentation		
INFO U307: Systematic Innovation		
INFO U347: Webpage Construction		
HIMS U350: Healthcare Quality Improvement		
HIMS U425: Public Policy Trends in HI		

Health Informatics (Required) <sup>1</sup>		24
	credit hrs.	Completed
HIMS U201: Understanding Healthcare Organizations	3	
HIMS U250: Dept. Admin. in Healthcare	3	
HIMS U301: Health Informatics and Information Systems Applications	3	
HIMS U302: Healthcare Data Management and Information Governance	3	
HIMS U412: Legal Aspects of Health Information Management	3	
HIMS U413: Healthcare Technology and the Electronic Health Record	3	
HIMS U417: Healthcare Information Privacy and Security		
HIMS U450: Healthcare Quality Mgmt & Performance Improvement	3	

HIM Electives <sup>1</sup>		18
	credit hrs.	Completed

<b>Total Hours Required</b>	<b>121-122</b>
<i>1 A minimum grade of C is required.</i>	

*\*pending CHE approval*

# Minor in Health Informatics

## Student Worksheet

Courses Required for the Minor <sup>1,2,3,4</sup>		18
HIMS U201: Understanding Healthcare Organizations	3	
HIMS U301: Health Informatics and Information Systems Applications	3	
HIMS U302: Healthcare Data Management and Information Governance	3	
HIMS U412: Legal Aspects of Health Information Management <b>OR</b> HIMS U417: Healthcare Information Privacy and Security	3	

HIMS U413: Healthcare Technology and the Electronic Health Record	3	
HIMS U450: Healthcare Quality Mgmt & Performance Improvement	3	

Total Hours Required (must be a minimum of 18)	18
<i>1 Up to 6 hours of General Education (&lt;300 level) may be used to satisfy requirements of a minor.                      2 Minimum grade of C is required for all coursework                      3 A minimum of 12 hours of upper division coursework is required                      4 Classes counted for the IM&amp;S major cannot count toward the minor in Health Informatics.</i>	

# Minor in Information Management and Systems<sup>1</sup>

## Student Worksheet

Courses Required for the Minor		
<b>Foundation</b>	<b>9</b>	
INFO U139: Visual BASIC Programming I	3	
INFO U201: Concepts of Information Management & Systems or INFO U211: Microcomputer Organization	3	
INFO U303: Organizational Informatics or INFO U305: Social Informatics	3	
<b>Networking Technology</b>	<b>3</b>	
INFO U315: Networking Technology	3	

<b>Database Technology</b>	<b>3</b>	
INFO U325: Fundamentals of Relational Database Management Systems	3	
<b>One Course from the following:</b>	<b>3</b>	
Preferred: INFO U441: Project Management; or INFO U450: Executive IT Management; or any INFO 400-level or HIMS 400-level course.	3	

Total Hours Required	18-21
<i>1 A minimum grade of C is required.</i>	

# DIVISION OF MATHEMATICS AND COMPUTER SCIENCE

The Division of Mathematics and Computer Science in the College of Science and Technology offers Bachelor of Science degrees in cybersecurity and mathematics, as well as a Bachelor of Arts in computer information systems and the Bachelor of Science degree in computer science (ABET accredited). Minors are offered in mathematics and computer science.

## Bachelor of Science Major in Computer Science Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics <sup>1</sup>	8	MATH U141, U142	
	Natural Science (w/ lab)	8	BIOL U101/L, U102/L, U220/L or CHEM U111/L, U112/L or PHYS U211/L, U212/L	
<b>III. Information Technology</b>	Information Technology <sup>1</sup>	3	CSCI U138 or CSCI U150	
<i>Choose one course from each of the following three sections, with three disciplines represented.</i>				
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105 or U106	
	Humanities	3	A Fine Arts course listed above from a second discipline or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Education Electives	0	HONS U199, U398 or any General Education course or courses	

<b>Core Major Requirements<sup>1</sup></b>		<b>33</b>
	<b>credit hrs.</b>	<b>Completed</b>
CSCI U200: Computer Science I	3	
CSCI U210: Computer Organization	3	
CSCI U236: Python Programming <i>or</i> CSCI U238: C++ Programming	3	
CSCI U300: Computer Science II	3	
CSCI U310: Intro to Comp. Architecture	3	
CSCI U321: Computer Science III	3	
CSCI U421: Design & Analysis of Algorithms	3	
CSCI U511: Operating Systems	3	
CSCI U530: Programming Lang. Structures	3	
CSCI U540: Software Engineering	3	
CSCI U599: Senior Seminar	3	

<b>Supporting Courses<sup>1</sup></b>		<b>10</b>
	<b>credit hrs.</b>	<b>Completed</b>
MATH U174: Elements of Discrete Math	3	
MATH U315: Statistical Methods I	3	
BIOL U101 or CHEM U111 or PHYS U211	4	

<b>Upper Electives</b>		<b>18-19</b>
	<b>credit hrs.</b>	<b>Completed</b>
Any three CSCI-300 or above for majors	9	
Math Elective (U241 or higher)	3-4	

<b>Electives</b>		<b>12-13</b>
	<b>credit hrs.</b>	<b>Completed</b>

<b>Total Hours Required</b>	<b>120</b>
<i>1 A minimum grade of C is required in each course indicated.</i>	

## Minor in Computer Science<sup>1</sup>

### Student Worksheet

<b>Mathematics</b>		<b>6</b>
	<b>credit hrs.</b>	<b>Completed</b>
Mathematics U121 with a B or higher, or Math U126	3	
Mathematics U174	3	
<b>Computer Studies</b>		<b>3</b>
Computer Science U200	3	
<b>Minor Requirements</b>		<b>18</b>
Computer Science U300	3	

Computer Science U321	3	
CSCI U234 or CSCI U238	3	
Three Computer Science courses 300-level or above:		

<b>Total Hours Required</b>	<b>27</b>
<i>1 A minimum grade of C is required.</i>	

# Bachelor of Arts

## Major in Computer Information Systems

### Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics <sup>1</sup>	6	MATH U102, U126	
	Natural Science (at least one with the associated lab)	4	ASTR U111/L; BIOL U101/L, U102/L, U110/L, U220/L; CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L, U201/L, U202/L, U211/L, U212/L	
	Math, Logic and/or Natural Science	3-4	A Natural Science course listed above or from: ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U201; GEOL U104, U120; PHYS U101	
<b>III. Information Technology</b>	Information Technology <sup>1</sup>	3	CSCI U138 or CSCI U150	
<i>Choose one course from each of the following three sections, with three disciplines represented.</i>				
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105 or U106	
	Humanities	3	A Fine Arts course listed above from a second discipline or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Education Electives</b>	General Education Electives	0	HONS U199, U398 or any General Education course or courses	



Core Major Requirements <sup>1</sup>		42
	credit hrs.	Completed
CSCI U200: Computer Science I	3	
CSCI U236: Python Programming <i>or</i> CSCI U238: C++ Programming	3	
CSCI U300: Computer Science II	3	
CSCI U311: Information Systems Hardware and Software	3	
CSCI U321: Computer Science III	3	
CSCI U412: Computer Networks I	3	
CSCI U455: Computer Security	3	
CSCI U520: Database System Design	3	
CSCI U521: Database Implementation, Application & Administration	3	
MGMT U371: Organizational Management and Behavior	3	
ENGL U245/U252/U346 <i>or</i> JOUR U201/U304/U335	3	
MATH U174: Discrete Mathematics	3	
MATH U202: Elemtry. Statistics II <i>or</i> MATH U315: Statistical Methods I <i>or</i> MATH U127: Pre-Calculus II	3	
CSCI U599: Senior Seminar	3	

**One of the following Areas of Focus:**

Networking and Information Security <sup>1</sup>		24
	credit hrs.	Completed
CSCI U512: Networking II	3	
CSCI U555: Advanced Computer Security & Information Assurance	3	
<b>Two courses to be selected from the following:</b>  CSCI U355: Digital Forensics CSCI U456: Applied Cryptography CSCI U515: Wireless Networking CSCI U516: Distributed and Network Programming Any CSCI U300 level or above course for majors	6	
<b>Twelve hours from the following:</b> ACCT U347: Legal Environ. of Business; <i>or</i> CRJU U101: Intro to Criminal Justice; <i>or</i> CRJU U420 <sup>3</sup> : Criminal Procedure; <i>or</i> CRJU U325 <sup>3</sup> : Criminal Trial Practice; <i>or</i> CRJU U301 <sup>3</sup> : Crime in America; <i>or</i> CRJU U321 <sup>3</sup> : Criminal Law; <i>or</i> Required courses for Computer Technology programs at technical/com- munity colleges; <i>or</i> Advisor approved courses selected from Computer Science	12	

System Analysis <sup>1</sup>		24
	credit hrs.	Completed
CSCI U450: E-Business Web Application Development	3	
CSCI U540: Software Engineering	3	
Any two upper level CSCI courses for majors _____ / _____	6	
ACCT U225: Financial Accounting	3	
ACCT U226 <i>or</i> any upper level Business <i>or</i> Economics course	3	
Any upper level business <i>or</i> economics course	3	
Any upper level business <i>or</i> economics course	3	

Electives		10-11
	credit hrs.	Completed

<b>Total Hours Required</b>	<b>120</b>
<sup>1</sup> A minimum grade of C is required in each course indicated. <sup>3</sup> CRJU U101 is required as a prerequisite.	

# Bachelor of Science Major in Cybersecurity

## Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed	
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102		
	Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics <sup>1,2</sup>	8	MATH U141, U142		
	Natural Sci. (w/ lab)	8	BIOL U101/L, U102/L or CHEM U111/L, U112/L or PHYS U211/L, U212/L		
<b>III. Information Technology</b>	Information Technology <sup>1</sup>	3	CSCI U138 or CSCI U150		
<i>Choose one course from each of the following three sections, with three disciplines represented.</i>					
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170		
	History	3	HIST U101, U102, U105 or U106		
	Humanities	3	A Fine Arts course listed above from a second discipline or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201		
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>					
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101		
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101		
<b>VII. General Education Electives</b>	General Ed. Electives	0			

*(Continued on next page)*

Core Major Requirements <sup>1</sup>		39
	credit hrs.	Completed
CSCI U200: Computer Science I	3	
CSCI U236: Python Programming <i>or</i> CSCI U238: C++ Programming	3	
CSCI U300: Computer Science II	3	
CSCI U311: Information Systems Hardware and Software	3	
CSCI U321: Computer Science III	3	
CSCI U355: Digital Forensics	3	
CSCI U375: Introduction to Cybersecurity	3	
CSCI U412: Computer Networks I	3	
CSCI U455: Computer Security	3	
CSCI U511: Operating Systems	3	
CSCI U570: Network Security	3	
CSCI U575: Applied Cybersecurity	3	
CSCI U599: Senior Seminar	3	

Major Electives <sup>1</sup>		18
	credit hrs.	Completed
CSCI U399, U421, U450, U456, U499, U515, U516, U520, U521, U525, U526, U530, U540, U555, U556, U580	3	
	3	
	3	
	3	
	3	
	3	

Supporting courses <sup>1</sup>		3
	credit hrs.	Completed
MATH U174 <sup>1</sup> : Elements of Discrete Mathematics	3	

Electives <sup>3</sup>		15
	credit hrs.	Completed

Total Hours Required	121
<p><sup>1</sup> A minimum grade of C is required in each course indicated.</p> <p><sup>2</sup> For MATH U141 students must satisfy prerequisites by a score of 3 or better on AP Calculus AB, math placement exam, or passing MATH U126 and MATH U127 with a grade of C or better.</p> <p><sup>3</sup> University U101 is recommended for the first semester course.</p>	

# Bachelor of Science Major in Mathematics

## Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, ENGL U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics <sup>1</sup>	8	MATH U141, U142	
	Natural Sci. (w/ lab)	8	BIOL U101/L, U102/L, U220/L or CHEM U111/L, U112/L or PHYS U211/L, U212/L	
<b>III. Information Technology</b>	Information Technology <sup>1</sup>	3	CSCI U138 or CSCI U150	
<i>Choose one course from each of the following three sections, with three disciplines represented.</i>				
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105 or U106	
	Humanities	3	A Fine Arts course listed above from a second discipline or AMST U101, U102; ENGL U208, U250, U252, U275, U279, U280, U283, U289, U290, U291; FILM U240; HONS U120; PHIL U102, U211; RELG U103; SOST U201	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; HONS U250, U350; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U122, U201, U301; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<b>VII. General Education Electives</b>	General Ed. Electives	3	HONS U199, U398 or any General Education course or courses.	

Major Requirements by Concentration <sup>1</sup>		33
	credit hrs.	Completed
<b>Mathematics</b>	<b>18</b>	
MATH U315: Statistical Methods I	3	
MATH U340: Math Structures and Proof	3	
MATH U344: Linear Algebra I	3	
MATH U346: Modern Algebra I	3	
MATH U354: Real Analysis I	3	
MATH U599: Seminar in Mathematics	3	
<b>Two courses from the following:</b> MATH U544: Linear Algebra II MATH U546: Modern Algebra II MATH U552: Complex Variables MATH U554: Real Analysis II MATH U560: Numerical Analysis I	<b>6</b>	
<b>One 300-level or higher and two 400-level or higher</b> mathematics, statistics or approved computer science <sup>2</sup> courses: MATH / STAT / CSCI: _____ MATH / STAT / CSCI: _____ MATH / STAT: _____	<b>9</b>	
<b>Statistics</b>	<b>24</b>	
MATH U315: Statistical Methods I	3	
MATH U340: Math Structures and Proof	3	
MATH U344: Linear Algebra I	3	
STAT U301: Statistical Computing	3	
STAT U410: Intro to Probability Theory	3	
STAT U516: Statistical Methods II	3	
STAT U413: Intro to Stochastic Processes <i>or</i> STAT U512: Mathematical Statistics	3	
STAT U599: Seminar in Statistics	3	
<b>Three approved 300-level or higher courses</b> from math, statistics or computer science MATH / STAT / CSCI: _____ MATH / STAT / CSCI: _____ MATH / STAT / CSCI: _____	<b>9</b>	

Cognate or Minor <sup>1</sup>	12-21 hrs.	Completed
<b>Mathematics &amp; Statistics Concentrations:</b> Cognate courses totaling 12 hours require approval by major advisor. Minors may require 18-21 hours, of which 6 hours may be applied toward general education requirements.		

Supporting Courses <sup>1</sup>	12-13	credit hrs.	Completed
<b>Mathematics Concentration:</b>			
MATH U241: Calculus III			
MATH U245: Elem. Differential Equations			
MATH U174: Elements of Discrete Math <i>or</i> CSCI U200: Computer Science I			
CSCI U300: Computer Science II <i>or</i> MATH Programming Course			
<b>Statistics Concentration:</b> Four approved 200-level or higher courses from MATH / STAT / CSCI / BADM / BIOL / CHEM / ECON / PSYC / SOCY			

Electives	7-16 hrs.	hrs.	Completed

<b>Total Hours Required</b>	<b>120</b>
<small>1 A minimum grade of C is required in each course indicated. 2 At most two CSCI courses permitted here.</small>	

## Minor in Mathematics<sup>1</sup> Student Worksheet

*The mathematics minor may be utilized by students in any major.*

Mathematics (General Education Requirement)		8
	credit hrs.	Completed
Mathematics U141	4	
Mathematics U142	4	
<b>Minor Requirements (MATH or STAT)</b>		<b>12-13</b>
four courses numbered 241 or above:		

<b>Total Hours Required</b>	<b>20-21</b>	
<small>1 A minimum grade of C is required.</small>		

# DIVISION OF NATURAL SCIENCES AND ENGINEERING

The Division of Natural Sciences and Engineering, in the College of Science and Technology, offers the Bachelor of Science degree in biology, and chemistry, as well as a Bachelor of Arts degree in chemistry. Minors are also offered in biology and chemistry. Additionally, courses are offered in the areas of engineering, geology, physical science, physics and astronomy. Students interested in the following professional programs typically pursue coursework under this division: dental, engineering, medical, optometry, pharmacy, physician assisting, and veterinary medicine.

## Bachelor of Science Major in Biology Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed	
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101		
	Speech	3	SPCH U201		
<b>II. Mathematics, Logic &amp; Natural Sciences</b>	Mathematics	6	MATH U126, U127 <sup>1</sup>		
	Natural Sci. (w/ lab)	8	CHEM U111/L, CHEM U112/L		
<b>III. Information Technology</b>	Information Technology	3	CSCI U138, U150; or INFO U101		
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204, ARTH U101, U105, U106; ENGL U208; MUSC U110, U140; SOST U201; THEA U161, U170		
	History	3	HIST U101, U102, U105, or U106		
<i>The minimum acceptable level of competency is completion of the 102 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>					
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	6	ASLG U101 and U102; CHIN U101 and U102; FREN U101 and U102; GERM U101 and U102; SPAN U101 and U102		
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; HONS U201; POLI U101, U320; PSYC U101; SOCY U101; WGST U101		
<i>Choose from the options below if hours are required in the major.</i>					
<b>VII. General Education Electives</b>	General Education Electives	0	HONS U398 or any General Education course or courses		

Major Requirements <sup>2,3,4,5</sup>		
	credit hrs.	Completed
Biology U101, U102	8	
Biology U301, U302	8	
Biology U350	4	
<b>One Field or Organismal Course selected from:</b> BIOL U305, U310, U315, U320, U360, U525, U531, U534, U570	4	
<b>Biology</b> (four courses at the 300/500 level excluding Biology U399). At least three of the four courses must have an associated lab.	15-16	
Biology U599: Senior Seminar	3	

Supporting Courses		11
	credit hrs.	Completed
Chemistry U331 + U331L	4	
Chemistry U332 + U332L <b>or</b> Chemistry U371 + U371L	4	
Statistics (Mathematics U102 <b>or</b> Psychology U225)	3	

Minor or upper-level electives	
<b>Biology majors must either complete a minor or 12 upper-level elective hours</b>	

Minor <sup>2,7</sup>		0 or 18-24
	credit hrs.	Completed

Upper-level electives <sup>2,6</sup>		0 or 12
	credit hrs.	Completed
Physics U201 + U202 recommended	8	
Other: _____	4	

Electives		0-11
	credit hrs.	Completed

Total Hours Required	120-122
<p>1 The successful completion of Mathematics U127 with a minimum grade of C fulfills the Group II Mathematics requirement. The additional three hours are made up as electives.</p> <p>2 A minimum grade of C is required.</p> <p>3 A biology course used to meet biology major requirements may not be taken more than twice. Attempts include receiving a "W," "WF," and "Audit." Appeals to this policy may be made to the Chair of Natural Sciences.</p> <p>4 To receive a biology degree, students must complete at least 15 hours of major course credit at USC Upstate.</p> <p>5 A minimum of two 500-level courses (excluding 599) must be completed. A maximum of 4 hours from BIOL U581, U583L or U582 may be counted for 500-level credit. A total of 11 courses in the major are required.</p> <p>6 Students who do not complete a minor must complete at least 12 upper-level credits beyond major requirements and supporting courses. Courses must be at 300-level or higher or be included on the list of courses that count for cognate credit.</p> <p>7 Up to 6 hours (8 hours if lab courses) of general education (less than 300-level) may be used to satisfy requirements of a minor.</p>	

# Bachelor of Arts and Bachelor of Science Major in Chemistry

## Student Worksheet

Requirement Area	Sub Area / Topic	# credit hours	Courses	Completed
<b>I. Communication</b>	English	6	ENGL U101, U102; HONS U101	
	Speech	3	SPCH U201	
<b>II. Mathematics, Logic &amp; Natural Sciences<sup>1,2</sup></b>	Mathematics	8	MATH U141, U142	
	Natural Science (w/ lab)	8	BIOL U143/L; CHEM U111, U112	
<b>III. Info. Technology</b>	Info Technology	3	CSCI U138, U150; INFO U101, U102; MUSC U162	
<b>IV. Fine Arts, Humanities &amp; History</b>	Fine Arts	3	AFAM U204; ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170	
	History	3	HIST U101, U102, U105, U106	
	Fine Arts, Humanities	3	Any Fine Arts course listed above or AMST U101, U102; ENGL U208; FILM U240; HONS U120; PHIL U102, U211; RELG U103	
<i>The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.</i>				
<b>V. Foreign Language &amp; Culture</b>	Foreign Language	3	ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101	
<b>VI. Social &amp; Behavioral Sciences</b>	Social & Behavioral Science	6	Two courses from the following with two disciplines represented: AFAM U201; ANTH U102; ECON U221, U222; GEOG U101, U103; POLI U101, U320; PSYC U101; SOCY U101; WGST U101	
<i>Choose from the options below if hours are required in the major.</i>				
<b>VII. General Ed. Electives</b>	Gen. Ed. Elect.	0	Any General Education course or courses.	

<b>B.A. Major Requirements<sup>1,3,4</sup></b>		
	credit hrs.	Completed
Chemistry U321: Quantitative Analysis	3	
Chemistry U321L: Quant. Analysis Lab	1	
Chemistry U331: Organic Chemistry I	3	
Chemistry U331L: Organic Chemistry I Laboratory	1	
Chemistry U332: Organic Chemistry II	3	
Chemistry U332L: Organic Chemistry II Laboratory	1	
Chemistry U397: Junior Seminar	1	
Chemistry U541: Physical Chemistry I	3	
Chemistry U599: Senior Seminar	3	

<b>Three credits selected from the following:</b> Chemistry U511: Inorganic Chemistry Chemistry U581: Biochemistry I	3	
Four credits of any 300-level or higher chemistry course not already taken	4	



B.S. Major Requirements <sup>1,3</sup>		
	credit hrs.	Completed
Chemistry U321: Quantitative Analysis	3	
Chemistry U321L: Quant. Analysis Lab	1	
Chemistry U331, U332: Organic Chemistry	6	
Chemistry U331L, U332L: Organic Chemistry Laboratory	2	
Chemistry U397: Junior Seminar	1	
Chemistry U511: Inorganic Chemistry	3	
Chemistry U541, U542: Physical Chemistry	6	
Chemistry U541L, U542L: Physical Chemistry Laboratory	2	
Chemistry U581: Biochemistry I	3	
Chemistry U599: Senior Seminar	3	
<b>Seven credits selected from the following:</b> Chemistry U371: Environ. Chemistry Chemistry U371L: Environ. Chem. Lab Chemistry U499 <sup>4</sup> : Undergraduate Research Chemistry U522: Instrumental Analysis Chemistry U530: Spectrometric Identification of Organic Compounds Chemistry U534: Intro Polymer Chemistry Chemistry U561: Medicinal Chemistry Chemistry U582: Biochemistry II Chemistry U583L: Biochemistry Laboratory	7	

Supporting Courses		
	credit hrs.	Completed
Foreign Language U102	3	
Physics U201 and U202 or Physics U211 and U212	8	
Mathematics U241 <sup>6</sup>	4	

Minor <sup>1,5</sup> (not required to earn a degree) 12 hours must be upper-division coursework		18-24
	credit hrs.	Completed

B.S. Major Requirements <sup>1,3</sup> for ACS Certified concentration		
	credit hrs.	Completed
Chemistry U321: Quantitative Analysis	3	
Chemistry U321L: Quant. Analysis Lab	1	
Chemistry U331, U332: Organic Chemistry	6	
Chemistry U331L, U332L: Organic Chemistry Laboratory	2	
Chemistry U397: Junior Seminar	1	
Chemistry U499 <sup>4</sup> : Undergraduate Research	1	
Chemistry U511: Inorganic Chemistry	3	
Chemistry U522: Instrumental Analysis	4	
Chemistry U541, U542: Physical Chemistry	6	
Chemistry U541L, U542L: Physical Chemistry Laboratory	2	
Chemistry U581: Biochemistry I	3	
Chemistry U583L: Biochemistry Lab	1	
Chemistry U599: Senior Seminar	3	
<b>Three credits selected from the following:</b> Chemistry U371: Environ. Chemistry Chemistry U530: Spectrometric Identification of Organic Compounds Chemistry U534: Intro Polymer Chemistry Chemistry U561: Medicinal Chemistry Chemistry U582: Biochemistry II	3	
<b>One credit selected from the following:</b> Chemistry U371L: Environ. Chemistry Chemistry U499 <sup>4</sup> : Undergraduate Research	1	

Electives (BA: 13-31, BS: 0-22)		
	credit hrs.	Completed

Total Hours Required	120-125
<p>1 A minimum grade of C or better is required.</p> <p>2 For MATH U141, students must satisfy prerequisites by math placement exam or passing MATH U126 and MATH U127 with a grade of C or better.</p> <p>3 To receive a chemistry degree from USC Upstate, students must complete at least 15 hours of major course credit at USC Upstate.</p> <p>4 Only one credit of CHEM U499 may be used to satisfy the upper level major requirements for the B.A. degree or non-ACS Certified B.S. degree; up to 2 credits of CHEM U499 may be used for major credits for the ACS Certified B.S. degree.</p> <p>5 Up to 6 hours (8 hours if lab courses) of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</p> <p>6 MATH U241 is not required for the B.A. degree.</p>	

# Minor in Biology

## Student Worksheet

Required Courses <sup>1,2</sup>		
	credit hrs.	Completed
BIOL U101 + BIOL U101L	4	
BIOL U102 + BIOL U102L	4	
BIOL U301 + BIOL U301L	4	

BIOL U302 + BIOL U302L	4	
500-level Biology + lab: _____	4	
<b>Total Hours Required</b>		<b>20</b>
<i>1 Up to 6 hours (8 hours if lab courses) of General Education (&lt;300 level) may be used to satisfy requirements of a minor.</i> <i>2 A minimum grade of C is required for all coursework.</i>		

# Minor in Chemistry

## Student Worksheet

Minor Requirements <sup>1,2,3</sup>		
Chemistry U111, U111L	4	
Chemistry U112, U112L	4	
Chemistry U331, U331L	4	
Chemistry U332, U332L	4	
<b>Upper level chemistry courses</b> Students must take a minimum of 7 hours from any 300 or 500 level courses not listed above, except CHEM U395, U397, and U599. Only 1 credit of CHEM U499 may be taken to meet these requirements.		

<b>Total Hours Required</b>	<b>23</b>
<i>1 Up to 8 hours of General Education (less than 300 level) may be used to satisfy requirements of a minor.</i> <i>2 Minimum grade of C is required for all coursework.</i> <i>3 A minimum of 12 hours of upper division coursework is required.</i>	

# COURSE DESCRIPTIONS

## ***Descriptions***

Descriptions of all courses offered for undergraduate credit are arranged alphabetically by academic discipline on the following pages. Not all courses are available every term. A schedule of classes is available before the registration period for each term as an announcement of course offerings. Students are advised to consult these schedules prior to registration. The University reserves the right to withdraw any course on the grounds of insufficient enrollment.

## ***Course Numbering***

USC Upstate courses numbered from 001 to 599 may be taken for undergraduate credit. The following distinctions are made among course numbers:

**101-299** Lower division courses primarily for students with freshman and sophomore standing.

**300-499** Upper division courses primarily for students with junior and senior standing.

**400-599** Upper division courses primarily for students with senior standing.

With consent of the advisor, a student may take courses numbered above or below the level normally taken by their academic classification (freshman, sophomore, junior or senior).

## ***Course Credit***

The credit value of each course is usually determined by the number of class meetings per week for one semester. Two or three laboratory hours (one period) are equivalent to one class meeting. The semester hour credit for each course is included in each course description.

## ***Prerequisites***

Students may be removed from any class for which prerequisites or other defined requirements have not been met.

## ***Distance Learning***

Individual courses may be offered by distance learning. Please check the semester schedule for listings.

Acronym	Course
ACCT	ACCOUNTING
AFAM	AFRICAN AMERICAN STUDIES
AMMG	ADVANCED MANUFACTURING MANAGEMENT
AMST	AMERICAN STUDIES
ANTH	ANTHROPOLOGY
ARTE	ART EDUCATION
ARTH	ART HISTORY
ARTS	ART STUDIO
ASLG	AMERICAN SIGN LANGUAGE
ASTR	ASTRONOMY
BADM	BUSINESS ADMINISTRATION
BIOL	BIOLOGY
CAST	CHILD ADVOCACY STUDIES
CHEM	CHEMISTRY
CHIN	CHINESE
CHME	COMMUNITY HEALTH
COMM	COMMUNICATION
CRJU	CRIMINAL JUSTICE
CSCI	COMPUTER SCIENCE
DGST	DIGITAL STUDIES
ECON	ECONOMICS
EDCF	CHILD & FAMILY STUDIES
EDEC	EARLY CHILDHOOD EDUCATION
EDEL	ELEMENTARY EDUCATION
EDFO	FOUNDATIONS OF EDUCATION
EDHL	HEALTH EDUCATION
EDLD	SPECIAL EDUCATION: LEARNING DISABILITY
EDMU	MUSIC EDUCATION
EDPH	PHYSICAL EDUCATION
EDRE	READING EDUCATION
EDSC	SECONDARY EDUCATION
EDTC	EDUCATION AND TECHNOLOGY
ENCP	ENGINEERING
ENGL	ENGLISH LANGUAGE AND LITERATURE
ENSL	ENGLISH AS A SECOND LANGUAGE
ENTR	ENTREPRENEURSHIP AND INNOVATION
ETMG	ENGINEERING TECHNOLOGY MANAGEMENT
EXSC	EXERCISE SCIENCE

Acronym	Course
FILM	FILM STUDIES
FINA	FINANCE
FREN	FRENCH
GEOG	GEOGRAPHY
GEOL	GEOLOGY
GERM	GERMAN
GLST	GLOBAL STUDIES
HIMS	HEALTHCARE INFORMATION MANAGEMENT
HIST	HISTORY
HONS	HONORS COURSES
IDST	INTERDISCIPLINARY STUDIES
INFO	INFORMATION MANAGEMENT AND SYSTEMS
INTL	INTERNATIONAL STUDIES
JOUR	JOURNALISM
LIBR	LIBRARY STUDIES
LOGC	LOGIC
LSCM	LOGISTICS AND SUPPLY CHAIN MANAGEMENT
MATH	MATHEMATICS
MGMT	MANAGEMENT
MILS	MILITARY SCIENCE
MKTG	MARKETING
MUSC	MUSIC
NPAD	NONPROFIT ADMINISTRATION
NURS	NURSING
PHYS	PHYSICS
PLAW	PRE-LAW
POLI	POLITICAL SCIENCE
PSYC	PSYCHOLOGY
RELG	RELIGION
SOCY	SOCIOLOGY
SOST	SOUTHERN STUDIES
SPAN	SPANISH
SPCH	SPEECH
STAT	STATISTICS
THEA	THEATRE
UNIV	UNIVERSITY
WGST	WOMEN'S AND GENDER STUDIES

## ACCOUNTING (ACCT)

**ACCT U225. Financial Accounting (3)** Principles of external financial reporting for business entities, including income measurement and determination of financial position. Prerequisites: MATH U120, or MATH U121, or MATH U122, or MATH U126

**ACCTU226. Managerial Accounting (3)** Attention-directing and problem-solving functions of accounting in relation to planning and control, evaluation of performance, and special decisions. Prerequisite: ACCT U225.

**ACCT U331. Intermediate Accounting I (3)** Financial accounting theory and practice as they relate to generally accepted accounting principles and the accounting standard codification. Included are external financial reports with emphasis on the balance sheet and the income statement. Emphasis is placed on differences between US and international standards. Prerequisites: 54 credit hours earned and ACCT U226.

**ACCT U332. Intermediate Accounting II (3)** Expands upon the financial accounting concepts and principles in Intermediate Accounting I and the accounting standard codification. Key concepts include current liabilities, bonds, earnings per share, pensions, leases, and stockholders' equity. Emphasis is placed on differences between US and international standards. Prerequisites: 54 credit hours earned, FINA U363, and ACCT U331 with a minimum grade of C.

**ACCT U333. Accounting for Decision-Making and Control (3)** Application of cost accounting concepts and information used by business organizations to make strategic organizational and operational decisions. Topics include the role of planning and control in attaining organizational goals and objectives; the relationship among cost structures, cost behavior, and operating income; differential analysis in decision-making; and ethical issues for accountants. Prerequisites: 54 credit hours earned and ACCT U226.

**ACCT U335. Individual Tax Planning (3)** Federal income tax law as it relates to planning individual transactions to minimize income taxes. Includes preparation of individual tax returns. Prerequisites: 54 credit hours earned and ACCT U226.

**ACCTU336. Governmental and Not-for-profit Accounting (3)** Principles and procedures of accounting for the various funds of governmental and not-for-profit organizations and budgetary accounting for planning and controlling of revenues and expenditures. Prerequisites: 54 credit hours and ACCT U331.

**ACCT U347. Legal Environment of Business (3)** Legal system; crimes and torts; consumer, anti-trust, labor and employment law; environment and insurance; contracts and agency; business ethics; and international matters. Prerequisite: 54 credit hours earned.

**ACCTU348. Issues in Commercial Law (3)** Corporations, bankruptcy, and the Uniform Commercial Code. Prerequisites: 54 credit hours earned and ACCTU347.

**ACCT U432. Advanced Federal Income Tax (3)** Estates and trusts, partnerships, corporations, foreign income, gift, and social security taxes. Prerequisite: ACCT U335.

**ACCTU433. Accounting Information and Control Systems (3)** Use basic accounting software such as Quick Books, Excel and XBRL. Design and implement an accounting information system. Understand SOX requirements for internal controls and control audits. Understand internal control frameworks such as the COSO and COBIT frameworks. Apply these frameworks to internal controls. Evaluate internal control effectiveness. Prerequisites: ACCT U331 or ACCT U333, and MGMT U290.

**ACCT U435. Auditing (3)** Principles of auditing including basic concepts that underlie the financial statement audit processes. Application of audit principles and concepts regarding reporting requirements of the independent auditor as well as review of internal controls, audit procedures, and development of audit programs will be emphasized. Prerequisites: ECON U292 or MATH U202, ACCT U332; Prerequisite or Corequisite: ACCT U433.

**ACCT U436. Advanced Auditing (3)** Applications of auditing through case studies and computerized practice sets. Topics include audits of small businesses, forecasts, projections, compilations and the emerging nature of international auditing. Prerequisites: ACCT U435. Only offered in the summer.

**ACCT U437. Advanced Accounting (3)** Accounting for business combinations. Consolidated financial statements; international transactions including the use of derivatives in international business; accounting for partnership establishment; and liquidation. Prerequisite: ACCT U332.

**ACCT U438. Accounting Theory (3)** Focused research using databases from the Financial Accounting Standards Board, the Securities and Exchange Commission, and the International Accounting Standards Board to interpret accounting problems. Prerequisites: ACCT U332 and senior standing. Only offered in the summer.

**ACCT U455. Topics in Accounting (3)** Contemporary areas of accounting. May be repeated with permission of advisor. Prerequisites: 54 credit hours earned and permission of the instructor.

## AFRICAN AMERICAN STUDIES (AFAM)

**AFAM U201. Introduction to African American Studies (3)** An introduction to the methods and themes of African American Studies. Topics include the development of the discipline, major frameworks, research and writing in the subject area. Prerequisite: ENGL U102.

**AFAM U204. African American Culture (3)** An introduction to the ideas and customs of African Americans including but not limited to artistic, anthropological, psychological, linguistic, and culinary dimensions. Prerequisite: ENGL U102.

**AFAM U398. Topics in African American Studies (3)** Intensive study of selected topics. Prerequisite: ENGL U102.

**AFAM U399. Independent Study (1-3)** An individualized, contracted program of work planned in conjunction with a faculty member. Prerequisite: consent of instructor.

## ADVANCED MANUFACTURING MANAGEMENT (AMMG)

**AMMGU300. Manufacturing Leadership I (3)** Manufacturing leadership including business communication, business presentations, spreadsheet basics, financial reports, supervisory skills, and leadership roles. Prerequisites: MATH U121 or consent of instructor.

**AMMG U330. Manufacturing Work Practice (3)** Manufacturing work practices including safety topics, lean manufacturing, training, and operational efficiency. Prerequisites: AMMG U300 or consent of instructor.

**AMMG U395. Internship (1-3)** Supervised practical experience related to the Advanced Manufacturing Management field in an elected setting planned in conjunction with the relevant AMM faculty. Prerequisite: Junior standing and consent of instructor.

**AMMGU398. Special Topics (3)** Selected topics in Advanced Manufacturing Management. Topics vary depending on faculty expertise. This course may be repeated for credit if the topic is different. Prerequisites: Junior standing, or permission of instructor.

**AMMG U399. Independent Study (1-3)** A planned individual study program in conjunction with an Advanced Manufacturing Management faculty member. Course may be repeated for a total of no more than three hours of undergraduate credit. Prerequisite: consent of instructor.

**AMMGU410. Manufacturing Leadership II (3)** Manufacturing leadership including budgeting, project selection, supervision, and leadership roles. Prerequisites: AMMG U300 or consent of instructor.

**AMMGU415. Manufacturing Quality (3)** Manufacturing quality practices including statistical process control, quality management systems, and problem solving methodology. Prerequisites: Math U102, AMMG U300, and AMMG U330 or consent of instructor.

**AMMGU420. Manufacturing Project Management (3)** Tools and techniques for planning, and scheduling manufacturing projects. Prerequisites: AMMG U300 or consent of instructor.

**AMMG U450. Operational Excellence (3)** Advanced operational excellence. This course will build on concepts taught in AMMG U330 and U415 including value stream mapping, supply chain management, and change management. Prerequisites: AMMG U330 and U415 or consent of instructor.

**AMMG U500. Senior Seminar (3)** Manufacturing management concepts including an exploration of manufacturing's effect on the local community and global society. Prerequisites: AMMG U410 and U450 or consent of instructor.

## AMERICAN STUDIES (AMST)

**AMST U101. American Studies, 17th-19th Century (3)** A survey of the historical, political, social, economic and cultural forces that shaped American life from the early seventeenth to the late nineteenth century.

**AMST U102. American Studies, 20th Century (3)** A survey of the historical, political, social, economic and cultural forces that have shaped American life in the twentieth century.

**AMST U314. Armed Forces and Society (3) (=POLI U314).** Interdisciplinary approach to military-social relations in the United States with emphasis on the powers of civilian political leaders to wage war; the rise of the garrison state and military-industrial complex; and past and present uses of the armed services as a social laboratory to test and apply ideas about race, class, and gender.

**AMST U315. Civil War Culture (3) (=HIST U315)** Experiential and kinesthetic learning experiences that engage with the prevailing military ideas and institutions of the 1860s as well as the everyday lives of Americans who lived and died during that period.

**AMST U316. Conspiracies in American Culture (3).** Role of proven and alleged conspiracies in the shaping of American identity from the colonial era of the United States to the present.

**AMST U398. Topics in American Studies (3)** Interdisciplinary reading and research on selected aspects of American culture. May be taken more than once if the topic is different. Prerequisite: AMST U101 or U102, junior or senior standing, or consent of instructor.

**AMST U399. Independent Study (1-3)** An individualized, contracted program of study planned in conjunction with a faculty member. Prerequisite: consent of instructor.

## ANTHROPOLOGY (ANTH)

**ANTH U102. Understanding Other Cultures (3)** Introduction to the concepts, methods and data of sociocultural anthropology and anthropological linguistics.

## ART EDUCATION (ARTE)

**ARTE U330. Foundations of Art Education (3)** Introduction to art education as a profession through theories, historical references and philosophies. Current initiatives in the field will be reviewed through educational research. Prerequisites: Minimum grade of C in ARTS U103 and U110.

**ARTE U399. Art Education Independent Study. (1-6).** Opportunities to design and develop projects of a complex and extensive nature in keeping with the student's major creative interests. A student may repeat ARTE U399 with a different study description for a total of no more than six hours of undergraduate credit. Prerequisites: Junior standing or consent of the instructor.

**ARTE U429. Elementary and Middle School Methods for Art Education (3)** Instructional strategies to construct appropriate curriculum for K-8 schools. The topics are artistic growth of children, responding to art works, studio production and classroom management. A portion of the course includes a 30 hour practicum component. Prerequisites: ARTE U330 and admission to the professional program.

**ARTE U430. Secondary Methods for Art Education (3)** Curriculum

designs for secondary visual arts classroom. The development of instructional skills for various student populations is included in the course of study as well as research and current initiatives. The course includes a 30 hour practicum component in the schools. Prerequisites: ARTE U429 and admission to the professional program.

**ARTE U450. School Art Program (3)** Developing and working with essential components of visual arts programs in the schools, including the national and state standards with assessment methodology. Also a supervised clinical experience in the school art classrooms of 40 hours provides strategies to teach art in grades K-12. Observation and participation in classroom settings is required to focus on classroom management and conflict resolution. Prerequisites: ARTE U429 and admission to the professional program in art education.

**ARTE U459. Art Education Senior Seminar (3)** Capstone experience intended to provide an opportunity for teacher candidates to pull together and reflect upon what was learned. Major capstone project required. Prerequisites: admission to the professional program and approved application to directed teaching. Corequisite: ARTE U460.

**ARTE U460. Directed Teaching in Art Education (12)** A supervised clinical experience consisting of 14 weeks in school setting, normally with 50% in elementary level and the remaining 50% in the middle or secondary settings. Candidates participate in regular seminars where they (1) analyze problems relating to their K-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: ARTE U459. Pass/Fail credit.

## ART HISTORY (ARTH)

**ARTH U101. Introduction to Art (3)** Formal, historical and iconographic analysis of architectural monuments, paintings and sculpture; aspects of various theories of art and architecture.

**ARTH U105. History of Western Art: Prehistory-Middle Ages (3)** Survey of the visual arts from Paleolithic times to the Medieval period, with emphasis on the major civilizations of Egypt, the Ancient Near East, Rome, Byzantium and Medieval Europe.

**ARTH U106. History of Western Art: Renaissance-Present (3)** Survey of the visual arts in Western civilizations from the Renaissance to the present.

**ARTH U301. Women and Gender in Art (3)** Artwork by women artists addressing issues of gender in modern and contemporary contexts with particular attention to the intersection of race, class, nationality, and sexuality. Multiple feminist approaches to art making and art historical interpretation will be introduced. Emphasis is on reading, writing, and research development. Prerequisite: ENGL U102

**ARTH U302. African-American Art (3)** Survey of visual art produced by people of African descent in the United States from the 17th century to the present. Prerequisite: ENGL U102.

**ARTH U304. Southern Folk Art (3)** Techniques and traditions of Southern folk art concentrating on artists of South Carolina. This course is taught with a studio lab component. Designed for Art Education majors. Prerequisites: ARTS U103 or ARTS U104.

**ARTH U305. American Art (3)** Colonial era to the present. Particular attention is paid to the relationship of the visual arts to social and political history and to the way visual culture shaped early ideas about nationhood. Emphasis is on reading, research and written material. Prerequisite: ENGL U102.

**ARTH U306. Twentieth Century Art (3)** Major developments in art of the past century. International perspectives are stressed as are social, political and intellectual contexts. Emphasis is on reading, research and written material. Prerequisites: ARTH U106 or ARTH U305 or consent of instructor.

**ARTH U308. History of Graphic Design (3)** Social, cultural, political, technical and artistic frameworks that comprise the history of graphic design. Emphasis on reading, research and written material. Prerequisites: ENGL U101 or consent of instructor.

**ARTH U309. History of Photography (3)** How photographs create meaning in and are given meaning by their social and historical contexts from the 1830s to the present. Emphasis is on reading, research and written material. Prerequisites: ARTH U106 or U305 or JOUR U201 or U302.

**ARTH U310. African Art (3)** Prehistory to the present. Particular attention is paid to the complexity of African cultures and to the social roles that art fills in the lives of its makers and consumers. Emphasis is on reading, research and written material. Prerequisite: ENGL U102.

**ARTH U350. Art History Study Abroad (3-6)** Travel in selected regions outside the United States, and field study of historical and contemporary art and artists, with emphasis on art history.

**ARTH U352. Art History Field Study (3)** Critical examination of major developments in contemporary art involving travel to major metropolitan areas in the United States. Course may be taken twice if the city is different. Emphasis is on reading, research and written material. Prerequisite: three hours of art history credit or consent of instructor.

**ARTH U398. Selected Topics in Art History (3)** Intensive study of selected topics in art history.

**ARTH U399. Independent Study (3)** Design and development of research projects of a complex and extensive nature. A student may repeat ARTH U399 with a different independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: Junior level standing and consent of the instructor.

**ARTH U400. Art Theory and Criticism (3)** Philosophical and historical underpinnings of art history, theory and criticism. Advanced readings address traditional analytical models and new theories generated by modernism and postmodernism. Emphasis is on reading, research and written material. Prerequisites: six hours of art history credit or consent of instructor.

**ARTH U450. Art History Study Abroad II (3-6)** Travel in selected regions outside the United States, and advanced field study of historical and con-

temporary art and artists, with emphasis on art history. Prerequisite: six credit hours of art or consent of the instructor.

**ARTH U499. Art History Internship (3-6)** Supervised work experience in an art history related environment, resulting in a meaningful project/activity for the employing firm and a scholarly project for the student. For three internship credit hours, a minimum of 135 hours of scheduled work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, the dean of the college is mandatory. Standard grading. A student may repeat ARTH U499 with a different internship description for a total of no more than six hours of undergraduate credit. Prerequisites: Junior level standing with six hours in art history or consent of the instructor.

## ART STUDIO (ARTS)

**ARTS U103. Fundamentals of Two Dimensional Design (3)** Introduction to visual thinking and principles of two-dimensional design, including line, form, space, texture, color and basic technical skills. Designed for Art Majors.

**ARTS U104. Fundamentals of Three Dimensional Design (3)** Introduction to visual thinking and principles of three-dimensional design, including form, volume and space. Designed for Art Majors.

**ARTS U108. Computer Graphics I (3)** Introduction to the hardware and software used in creating graphic design and illustration. Designed for Art Majors.

**ARTS U110. Drawing I (3)** Introduction to the materials and techniques of drawing, emphasizing visual perception and drawing skills. Designed for Art Majors.

**ARTS U203. Color and Composition (3)** Color theory and compositional systems. Prerequisite: ARTS U103 or consent of instructor.

**ARTS U205. Digital Imaging (3)** Application of photo-imaging with emphasis on communication design. Prerequisite: ARTS U108 or consent of instructor.

**ARTS U206. Illustration I (3)** Introduction to illustration with an emphasis on visual problem solving, creativity, effective communication and aesthetics. Visual skills are defined through exploration of various media resulting in appropriate visual solutions for illustration communication. Prerequisite: ARTS U103, ARTS U210, or consent of instructor.

**ARTS U207. Printmaking I (3)** Materials and techniques of major printmaking processes in historical and contemporary application. Techniques include relief, intaglio, lithography and monotype. Prerequisite: ARTS U203 or consent of instructor.

**ARTS U210. Drawing II (3)** Materials and techniques of drawing beyond the introductory level. Prerequisite: ARTS U110 or consent of instructor.

**ARTS U211. Introduction to Painting (3)** Materials and techniques of painting, emphasizing color theory, compositional structures, content, and expression. Prerequisite: ARTS U203 or consent of instructor.

**ARTS U214. Graphic Design I (3)** Creative problem-solving with emphasis on 2-D solutions to conceptual problems; translation of concept into form using word, image and layout; introduction to history of graphic design and typography. Prerequisites: ARTS U108. Prerequisite or corequisite: ARTS U110 or consent of the instructor.

**ARTS U228. Business for the Visual Artist (3)** Aspects of business relevant to the visual artist, emphasizing basic accounting and taxes; marketing and promotion; copyrights; sales by artist, gallery, or agent; and contracts. Feedback is received through class discussions and exercises, written examinations, and a final team project. Prerequisites: six hours of art history and/or art studio or consent of instructor.

**ARTS U229. Crafts of Diverse Cultures (3)** Understanding a relationship between creativity and critical thinking by examining how artisans have used special manual skills in creating traditional and functional artworks. Considers analytic and evaluative criteria used in making artistic decisions as examined through the eyes of the artists. Course will foster critical understanding of the world's artistic traditions by examining cultural diversity of artistic expression through history. Designed for art education majors. Prerequisites: ARTS U103 or ARTS U104.

**ARTS U231. Introduction to Life Drawing (3)** Emphasis on visual perception and skills of life drawing from the live model in a variety of media, using both clothed and unclothed male and female models. Prerequisite: ARTS U210 or consent of instructor.

**ARTS U255. Art Practicum (1)** Participation in art profession activities including, but not limited to, portfolio preparation, artist statement, artist bio, resume preparation, framing and presentation procedures, photographing and documentation of work, exhibition procedures, personal promotion, webpages and blogs. Regular weekly class meetings. Pass/fail grading scale.

**ARTS U262. Digital Photography (3)** Technical, aesthetic and conceptual procedures of digital photography including composing, shooting, processing, manipulation and printing. Prerequisite: ARTS U108 or consent of instructor.

**ARTS U306. Illustration II (3)** Continued exploration of visual communication with an emphasis on concept and professional quality of work. Prerequisite: ARTS U206 or consent of instructor.

**ARTS U307. Printmaking II (3)** Intermediate application of materials and techniques of major printmaking processes in historical and contemporary application. Emphasis is on content, individual expression, and series development. Prerequisite: ARTS U207 or consent of instructor.

**ARTS U311. Painting II (3)** Intermediate application of materials and techniques of painting processes using representational and non-representational subject matter. Emphasis is on content and individual expression. Prerequisite: ARTS U211 or consent of instructor.

**ARTS U314. Graphic Design II (3)** Continuation of translation of concept into form with emphasis on typography, letterforms, typographic syntax and type specification. Prerequisite or corequisite: ARTS U214 or consent of instructor.

**ARTS U315. Graphic Design III (3)** Advanced design problems with



emphasis on individual development and exploration of contemporary design issues. Prerequisite: ARTS U214, ARTS U314 or consent of instructor.

**ARTS U318. Interface Design I (3)** Introduction to HTML5, CSS3, and the technical and creative challenges of designing for the web. Prerequisite: ARTS U314 or consent of instructor.

**ARTS U350. Art Study Abroad (3-6)** Travel in selected regions outside the United States, and field study of historical and contemporary art and artists with emphasis on studio techniques.

**ARTS U391. Typography (3)** Application of typographic systems within communication design. Emphasis is on letterforms, typographic structures and hierarchy, and the relationship between type and image. Prerequisite: ARTS U314 or consent of instructor.

**ARTS U398. Special Topics in Art (3)** Intensive study of selected topics in art. Prerequisites: junior level standing with six hours in art or consent of the instructor.

**ARTS U399. Independent Study (1-6)** Opportunities to design and develop projects of a complex and extensive nature in keeping with the student's major creative interests. A student may repeat ARTS U399 with a different independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior level standing and consent of instructor.

**ARTS U414. Directed Projects in Graphic Design (3)** Graphic problem solving in the community/business environment; advanced production techniques for the graphic designer; research of critical design issues. Prerequisite: ARTS U314 or consent of instructor.

**ARTS U418. Interface Design II (3)** Intermediate interface design with emphasis on individual development and exploration of contemporary technical and aesthetic design issues including but not limited to web design, CD ROM design, collection and preparation of basic assets (graphics, video, sound). Prerequisite: ARTS U318 or consent of instructor.

**ARTS U450. Art Study Abroad II (3-6)** Travel in selected regions outside the United States, and advanced field study of historical and contemporary art and artists, with emphasis on studio techniques. Prerequisite: six credit hours of art or consent of the instructor.

**ARTS U490. Senior Seminar Graphic Design (3)** Portfolio finalization, preparation of student identity systems, oral presentation, and exploration of current ethical and occupational issues. Prerequisite: ARTS U315 and nine credit hours from the ARTS professional options courses or consent of instructor.

**ARTS U499. Art Studio Internship (3-6)** Supervised work experience in an art environment, resulting in a meaningful project/activity for the employing firm and a scholarly project for the student. For three internship credit hours, a minimum of 135 hours of scheduled work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, and the dean of the college is mandatory. Standard grading. A student may repeat ARTS

U499 with a different internship description for a total of no more than six hours of undergraduate credit. Prerequisites: Junior level standing with 6 hours in art or consent of the instructor.

## AMERICAN SIGN LANGUAGE (ASLG)

**ASLG U101. American Sign Language I (3)** Fundamentals of the language and culture including visual readiness, basic vocabulary, grammar features, and non-manual behaviors. Corequisite: ASLG U101A.

**ASLG U101A. American Sign Language I Practice (1)** Practice in fundamentals of the language. Must be taken in the same semester as ASLG U101.

**ASLG U102. American Sign Language II (3)** Fundamentals of language and culture through visual readiness, basic vocabulary, grammar features and non-manual behaviors with a focus on conversational skills. Corequisite: ASLG U102A. Prerequisites: ASLG U101 and ASLG U101A.

**ASLG U102A. American Sign Language II Practice (1)** Practice in fundamentals of the language. Must be taken in the same semester as ASLG U102. Prerequisite: ASLG U101 and ASLG U101A.

**ASLG U201. Intermediate American Sign Language I (3)** Continuation of fundamentals of language and culture with additional vocabulary, grammar features, and non-manual behaviors, all focusing on conversational skills. Prerequisite: Completion of ASLG U102/U102A, or demonstrated proficiency, or consent of instructor.

**ASLG U202. Intermediate American Sign Language II (3)** Concentration on intermediate conversational and discourse skills. This course is conducted entirely using American Sign Language. Prerequisites: Completion of ASLG U202 or placement through demonstrated proficiency, or consent of instructor.

**ASLG U310. Introduction to Interpreting American Sign Language (3)** General understanding of the theory, practices, and ethics of facilitating oral communication between English and American Sign Language, including implications of disability law. Develops basic skills for professional interpreting in its cultural context with practice in signing with form and meaning. Prerequisites: Completion of U202 in American Sign Language, placement or demonstrated proficiency above U202 level American Sign Language, or consent of instructor.

**ASLG U311. American Sign Language to English Interpreting I (3)** Preparation and applied practice in converting signed messages in ASL to spoken English, including development of skills and judgment in use of register, word choice, and intonation. Prerequisites: Completion of ASLG U202 or placement or demonstrated proficiency above ASLG U202 level, or consent of instructor. Prerequisite or Corequisite: ASLG U310.

**ASLG U312. English to American Sign Language Interpreting I (3)** Preparation and applied practice in converting messages in spoken English to ASL, including development of skills and judgement in use of signing space, register, discourse mapping, compressions, expansions, and the relationship between meaning and form. Prerequisites: Completion of ASLG U202 or

placement or demonstrated proficiency above ASLG U202 level, or consent of instructor. Prerequisites or Corequisite: ASLG U310.

### **ASLG U313. American Sign Language to English Interpreting II (3)**

Advanced preparation and applied practice in converting signed messages in ASL to spoken English, including development of skills and judgment in use of register, word choice, intonation, and demonstrating accuracy of intent. Prerequisite: ASLG U311.

### **ASLG U314. English to American Sign Language Interpreting II (3)**

Advanced preparation and applied practice in converting messages in spoken English to ASL, including development of skills and judgement in use of signing space, register, discourse mapping, compressions, expansions, and the relation between meaning and form. Prerequisite: ASLG U312.

## **ASTRONOMY (ASTR)**

**ASTR U111. Descriptive Astronomy (3)** The universe: physical processes and methods of study. (ASTR U111L is available for additional credit.)

**ASTR U111L. Descriptive Astronomy Laboratory (1)** Demonstrations, exercises and night viewings. Three hours per week. Prerequisite or Corequisite: ASTR U111.

## **BUSINESS ADMINISTRATION (BADM)**

**BADM U298. Gateways to Business (3)** Nature of business and business skills required for success in the twenty-first century. Business environments in the Upstate are discussed in relation to individual career goals.

**BADM U399. Independent Study (1-6)** Prerequisite: 54 credit hours earned.

**BADM U478. Senior Seminar: Business Strategy (3)** Understanding how the success of organizations relates to their "strategic level" decisions with an emphasis on risk management. Students experience hands-on application with case studies of actual businesses through team and individual exercises and individual presentations. Prerequisites: Senior standing, successful completion of all 200-level business core courses with a grade of C or better (except one D is permitted), and successful completion of all 300-level business core courses with a grade of C or better, excluding the course in international business as defined by the concentration. Prerequisite or Corequisite: course in international business as defined by the concentration.

**BADM U498. Major Field Test in Business (1)** Review for and take the ETS Major Field Test (MFT) for the Bachelor's Degree in Business. The test's topic areas are accounting, economics, management, quantitative business analysis, information systems, finance, marketing, legal and social environment, and international issues. Prerequisite or Corequisite: BADM U478. Pass/Fail credit.

**BADM U499. Business Internship (1-6)** Supervised work experience in the business environment resulting in a meaningful product for the employing firm and a scholarly project for the student. A minimum of 42 hours of scheduled work per one hour of academic credit, periodic class meetings, and individual consultations with the instructor are required. A contractual agreement signed by the employer, the student, the instructor and associate dean is mandatory. Prerequisite: Admission to the Johnson

College of Business and Economics professional program. Pass/Fail credit.

## **BIOLOGY (BIOL)**

**BIOL U101. Introductory Biology I (4)** Fundamental principles of biology, including the scientific method, biochemistry, cellular respiration, photosynthesis, genetics, and cellular and molecular biology. Designed for science majors. Three class and three laboratory hours per week. Prerequisite: Completion of MATH U121 or higher or placement into at least MATH U126.

**BIOL U102. Introductory Biology II (4)** Fundamental principles of biology, including population genetics, evolution, systematics, and the diversity of life. Dissection of preserved specimens is required in laboratory. Prerequisite: BIOL U101. Designed for science majors. Three class and three laboratory hours per week.

**BIOL U110. General Biology (4)** Current principles of cell biology, biochemistry, genetics, reproduction, development, and plant and animal diversity, as well as societal concerns. Not for major credit. Three class and three laboratory hours per week.

**BIOL U143. Foundations of Human Physiology (3)** Fundamental principles in preparation for study of human anatomy and physiology, including the scientific method, inorganic chemistry, biochemistry, and cellular biology. Includes study skills specific to learning biological principles. Prerequisite: completion of Anatomy & Physiology placement exam. Not for major credit.

**BIOL U143L. Foundations of Human Physiology Laboratory (1)** Experiments, exercises, demonstrations to accompany BIOL U143. Three laboratory hours per week. Not for major credit. Prerequisite or corequisite: BIOL U143.

**BIOL U205. Introduction to Field Ornithology (3)** Basic morphology, ecology, behavior, evolution, identification, and natural history of birds with emphasis on the major groups and species found in South Carolina. Local and regional weekly field trips, including a weekend long trip focused on coastal and marine species identification and their natural history, are required. Biology U205/U305 will be offered concurrently. Projects for students enrolled in BIOL U305 will be more in depth and the standard for grading will be more demanding. Students may not receive credit for both courses. Biology U205 cannot be taken for major credit. Prerequisites: Consent of instructor.

**BIOL U205L. Introduction to Field Ornithology Laboratory (1)** Additional hours in the application of avian field identification techniques and in the observation of the natural history traits and characteristics of the common and important birds of South Carolina and vicinity. Biology U205L/U305L will be offered concurrently. Projects for students enrolled in BIOL U305L will be more in depth and the standard for grading will be more demanding. Students may not receive credit for both courses. BIOL U205L cannot be taken for major credit. Pre- or Corequisite: BIOL U205 or consent of instructor.

**BIOL U206. Genetics and Society (3)** Fundamentals of genetics, with an emphasis on human genetics; relevance of recent advances and concerns in contemporary society related to genetic technology. Not for major credit.

**BIOL U210. Piedmont Natural History (1)** Identification, ecology, and natural history of plants, animals, and fungi in the South Carolina Piedmont region. Some physical agility (e.g. hiking, walking on uneven ground) and occasional activities in inclement weather will be required. Not available for Biology major credit.

**BIOL U220. Botany and Society (4)** Fundamentals of plant biology, including characteristics of major groups, life cycles, anatomy, development, ecology, evolution, economic uses, and environmental services. Laboratory exercises include hands-on, outdoors, and digital activities such as growing plants, using identification keys, and analyzing patterns in plant diversity. Restricted to students in the contiguous United States, excluding CA, OR, and WA. Three lecture and three laboratory hours per week.

**BIOL U230. Medical Terminology (3) (=NURS U230)** Introduction to medically oriented terminology, including roots, prefixes, suffixes, combining forms, and common abbreviations. Emphasis on using terminology related to anatomy, physiology, pathology, diagnoses, medical procedures, pharmacology, and instrumentation. Not for major credit.

**BIOL U240. Human Biology and Society (3)** Fundamentals of functional human biology; development of a relevant knowledge of medical issues and concerns in contemporary society such as cloning, emerging diseases, genetic testing, cancer, emphysema, organ transplants and cardiovascular disease. Not for major credit.

**BIOL U243. Human Anatomy and Physiology I (4).** Functional anatomy and physiology of the human body, including integumentary, skeletal, muscular, and nervous systems. Not available for biology major credit. Three class and three laboratory hours per week. Prerequisite: appropriate score on anatomy and physiology placement test, and either high school chemistry with a B or better or successful completion of college-level chemistry, or BIOL U143 with a grade of C or better.

**BIOL U244. Human Anatomy and Physiology II (4).** Functional anatomy and physiology of the human body, including the circulatory, immune, respiratory, digestive, and reproductive systems; metabolism/nutrition; urinary and fluid balance. Three class and three laboratory hours per week. Not available for biology major credit. Prerequisite: BIOL U243 with a C or better.

**BIOL U250. Principles of Microbiology (4).** Introduction to bacteria, viruses, and eukaryotic microbes. Emphasis on microbial growth, the human immune system, antimicrobials, and infectious diseases. Not for major credit. Three class and three laboratory hours per week. Prerequisite: four hours of biological science and CHEM U109 or CHEM U111 or consent of instructor.

**BIOL U270. Environmental Science (3)** The interrelationship of humans and their environment emphasizing the impact of pollution on human health. Not for major credit.

**BIOL U301. Introduction to Ecology and Evolutionary Biology (4)** Basic, applied, and theoretical ecology and the foundations of evolutionary biology. Laboratories illustrate lecture concepts and provide experience with fundamental skills of biostatistics, hypothesis testing, and scientific writing. Three classes and three laboratory hours per week. Prerequisites: BIOL U101 and U102 with a C or better.

**BIOL U302. Introduction to Cell and Molecular Biology (4)** Basic principles of the origin, evolution, function and diversity of cells. Emphasis is placed on molecular level approaches to the scientific study of eukaryotic cell function, physiology, metabolism, ultrastructure, and evolution, as well as the use of cells relevant to medical, biosocial, and bioenvironmental issues. Three class and three laboratory hours per week. Prerequisite: BIOL U101, U102, and CHEM U111.

**Note: All BIOL upper-division courses (with the exceptions of BIOL U370, U581 and U582) require the completion of BIOL U101, U102, U301 and BIOL U302 with a grade of C or better as a prerequisite.**

**BIOL U305. Field Ornithology (3)** Basic morphology, ecology, behavior, evolution, identification, and natural history of birds with emphasis on the major groups and species found in South Carolina. Local and regional weekly field trips, including a weekend long trip focused on coastal and marine species identification and their natural history, are required. Biology U205/U305 will be offered concurrently. Projects for students enrolled in BIOL U305 will be more in depth and the standard for grading will be more demanding. Students may not receive credit for both courses. Biology U205 cannot be taken for major credit. Prerequisites: BIOL U301 and U302 with a grade of C or better.

**BIOL U305L. Field Ornithology Laboratory (1)** Additional hours in the application of avian field identification techniques and in the observation of the natural history traits and characteristics of the common and important birds of South Carolina and vicinity. Biology U205L/U305L will be offered concurrently. Projects for students enrolled in BIOL U305L will be more in depth and the standard for grading will be more demanding. Students may not receive credit for both courses. BIOL U205L cannot be taken for major credit. Pre- or Corequisite: BIOL U305 or consent of instructor.

**BIOL U310. Invertebrate Zoology (4)** Phylogenetic and comparative aspects of anatomy, physiology, ecology, reproduction and embryology of the invertebrates. Dissection of preserved specimens is required. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a grade of C or better.

**BIOL U315. Human and Comparative Anatomy (4)** Comparative aspects of the anatomy of humans and other vertebrates. Strong emphasis is placed on the anatomy of humans, evolutionary history of human anatomical structures, and comparisons to other vertebrates. Dissection of preserved specimens is required. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better, or consent of instructor.

**BIOL U320. General Botany (4)** Phylogenetic survey of the morphology, anatomy, and taxonomy of the major plant divisions. Three lecture and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U330. Microbiology (4)** Introduction to bacteria, viruses, and eukaryotic microbes. Emphasis is placed on molecular processes of microbes, genetics and metabolism of microbes; diversity of microbes, pathogenic microbes and the human immune response to infection. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U350. Genetics (4)** Basic principles of transmission, molecular and

population genetics. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U360. Human and Comparative Physiology (4)** Comparative aspects of the physiology of humans and other animals. Emphasis is placed on comparative analysis of physiological systems, responses, and adaptations in humans and other animal species. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better; completion of BIOL U315 recommended but not required.

**BIOL U370. Pathophysiology (3)** Disruptions of normal physiology, processes that bring about disruptions, and manifestations of disruptions. Prerequisites: BIOL U301, U302 and U360 or acceptance to the nursing program and completion of BIOL U244 and U330.

**BIOL U375. Evolutionary Biology (4)** Historical development of evolutionary theory; natural and sexual selection; micro and macroevolution; mass extinctions; current concepts of phylogeny and systematics; human evolution. Laboratories illustrate lecture concepts as well as readings from the primary literature. Three class and three laboratory hours per week. Prerequisite: BIOL U301 and U302 with a C or better.

**BIOL U395. Internship in Biological Science (1-3)** Supervised work experience in biological science. A minimum of three hours work per week is required for each credit hour. A contractual agreement signed by the supervisor, the student, the instructor, and the division chair is required. Prerequisite: junior or senior standing, BIOL U301 and U302 with a C or better. Pass/fail credit.

**BIOL U397. Laboratory Teaching (1)** Supervised participation in the preparation and teaching of undergraduate biological sciences laboratories. Duties include preparation of lab reagents, sample collection, and assisting lab instructors during laboratory periods. Not available for Biology major credit. Prerequisites: Permission of instructor and completion of BIOL U101 and U102.

**BIOL U398. Topics in Biology (1-3)** Intensive study in selected areas. Individual topics are announced. Prerequisite: BIOL U301 and U302 with a C or better.

**BIOL U399. Independent Study (1-3)** Directed research project. Prerequisite: BIOL U301 and U302 with a C or better.

**BIOL U507. Developmental Biology (4)** Morphogenetic patterns of embryonic development along with their molecular and cellular bases; and mechanisms of differentiation. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U525. Plant Taxonomy (4)** The major classes of vascular plants found in South Carolina with an emphasis placed on plant reproductive biology, evolutionary relationships among groups, and species identification skills. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U530. Histology (4)** The microscopic anatomy of human cells, tissues and organs. Three class and three laboratory hours per week. Prerequisites:

BIOL U301 and U302 with a C or better and CHEM U112.

**BIOL U531. Parasitology (4)** Parasites of animals, with emphasis on the immunological, clinical and epidemiological aspects of human parasitism. Dissection of specimens is required. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better, CHEM U112.

**BIOL U534. Animal Behavior (4)** Identification and classification of behavior patterns exhibited by various species of animals; the development of behavior; proximate and ultimate causes of behavior. Three hours class and three hours laboratory per week. Prerequisites: BIOL U301 and U302 with a C or better and PSYC U101.

**BIOL U535. Neurobiology (3)** Introduction to neuroanatomical-functional relationships. Topics include neurodevelopment, anatomical organization of major nuclei and tracts, neurochemical mechanisms, neural integration of behavior, and the neuroanatomy of mental illness. Prerequisites: BIOL U301 and U302 with a C or better.

**BIOL U540. Immunology (4)** Introduction to the molecular and cellular basis of the immune response. Topics include anatomy of the lymphoid system, and innate immune response, lymphocyte biology, antigen-antibody interactions, humoral and cellular effector mechanisms; control of immune responses, and the evolution of immunodefense mechanisms. Three class and three laboratory hours per week. Prerequisites: BIOL U301, U302 and CHEM U112 with a C or better. Pre- or Corequisite: BIOL U330 or U350.

**BIOL U550. Molecular Cell Biology (4)** Structure and functions of nucleic acids and proteins; molecular arrangement of prokaryotic, and eukaryotic genomes; the processes of DNA replication, DNA repair, gene transcription, and protein translation; control and coordination of gene activity as they relate to cellular processes in normal and disease states. Techniques used in contemporary molecular biology labs including recombinant DNA, electrophoresis of nucleic acids and proteins, Western blotting, and bioinformatics are covered in the laboratory. Three class and three laboratory hours per week. Prerequisites: BIOL U301 and U302 with a C or better, and eight hours of chemistry.

**BIOL U570. Principles of Ecology (4)** Interactions of organisms and the environment; ecosystems structure and functions. Three class and three laboratory hours per week. Prerequisite: BIOL U301 and U302 with a C or better.

**BIOL U581. Biochemistry I (3) (=CHEM U581)** Structure and function of the major classes of biological compounds and biological membranes. Content includes a kinetic and equilibrium based approach to biological transport and catalysis, signaling, and an introduction to bioenergetics. Prerequisite: C or better in CHEM U332 or consent of instructor.

**BIOL U582. Biochemistry II (3) (=CHEM U582)** Chemistry of biological information pathways. DNA, RNA, and protein metabolism, organization of genes on chromosomes, regulation of gene expression, and applications of these topics to biotechnology problems are covered. Prerequisite: BIOL U581/CHEM U581 or consent of instructor.

**BIOL U583L. Biochemistry Laboratory (1) (=CHEM U583L)** A survey of laboratory methods in biochemistry. Three laboratory hours per week. Prerequisite or corequisite: BIOL/CHEM U581 or U582.

**BIOL U599. Senior Seminar (3)** Integration of biological knowledge at an advanced level and exploration of ethical issues. Prerequisites: statistics, SPCH U201 and a minimum grade of C in BIOL U301, U302, and 12 hours of additional biology coursework at the 300 level or above.

### CHILD ADVOCACY STUDIES (CAST)

**CAST U301. Introduction to Child Maltreatment (3)** Survey of major issues in child abuse and neglect. An overview of the impact of child maltreatment, prevention and intervention strategies, system response, and child advocacy are included. Prerequisites: SOCY U101 OR PSYC U101 OR CRJU U101, and at least sophomore standing; or consent of instructor.

**CAST U398. Special Topics (3)** Emerging issues in child advocacy. May be repeated for credit when topics vary. Prerequisites: SOCY U101 OR PSYC U101 OR CRJU U101; or consent of instructor.

**CAST U399. Independent Study (1-6)** An individualized program of study planned in conjunction with a Child Advocacy Studies faculty member. Prerequisite: CAST U301 or consent of instructor.

**CAST U401. Child Advocacy I: System Responses to Child Maltreatment (3)** Child advocacy, and the response of child welfare and criminal justice professionals to child abuse and neglect. Identifying, investigating, and prosecuting child maltreatment are included. Supervised field experiences are required. Prerequisites: CAST U301; or consent of instructor.

**CAST U402. Child Advocacy II: Prevention and Intervention Strategies (3)** Intervention strategies, and multidisciplinary approaches to prevention, advocacy, and treatment of child maltreatment victims and survivors. Supervised field experiences are required. Prerequisites: CAST U301 or consent of instructor.

**CAST U499. Child Advocacy Internship (3)** Supervised work experience in a community agency working with victims and survivors of child maltreatment, and/or their families. Prerequisites: CAST U301, CAST U401, CAST U402, senior standing, and consent of instructor.

### CHEMISTRY (CHEM)

**Note: Occupational Safety and Health Administration (OSHA) regulations require that everyone who enters chemistry laboratories wear safety goggles.**

**CHEM U101. Fundamental Chemistry I (4)** Survey of inorganic and solution chemistry. Non-science majors only. Three classes or three class hours, one recitation, and two laboratory hours per week. Prerequisite or corequisite: MATH U121 or higher, except statistics, or consent of instructor.

**CHEM U106. Chemistry and Society (3)** General chemical fundamentals and how these principles apply to societal issues such as the environment, genetics and health. Recurring themes include critical evaluation of information from the media and the web, consideration of the risks and benefits of recent scientific advances for society. Non-science majors only. (CHEM U106 laboratory is available for additional credit.)

**CHEM U106L. Chemistry and Society Laboratory (1)** Experiments, exercises, and demonstrations to accompany CHEM U106. Three laboratory hours per week. Non-science majors only. Prerequisite or Corequisite: CHEM U106.

**CHEM U109. Chemistry of Living Things (4)** Chemical principles including the structure of and energy associated with living matter; quantitative kinetic and equilibrium analysis of chemical and physical processes. The structure and function of biological macromolecules and the molecular basis of inheritance are surveyed. Non-science majors only. Three lecture, one recitation, and two laboratory hours per week. Prerequisite: MATH U120 or higher, except statistics, or higher placement in MATH. Prerequisite or Corequisite: CSCI U138 or consent of instructor.

**CHEM U111. General Chemistry (4)** Chemical principles with emphasis on stoichiometry, atomic structure, bonding, and molecular structure. Three class, one recitation, and two laboratory hours per week. Prerequisite: Completion of MATH U121 or higher, or placement into at least MATH U126, or consent of instructor.

**CHEM U112. General Chemistry and Qualitative Analysis (4)** Chemical equilibrium, acids and bases, oxidation-reduction, and inorganic qualitative analysis. Three class hours, one recitation, and three laboratory hours per week. Prerequisite: CHEM U111.

**CHEM U211. Introduction to Organic Chemistry I (4)** Survey of the chemistry of carbon compounds and introduction to the basic principles of organic chemistry. (Not for major credit in chemistry or biology).

**CHEM U212. Introduction to Organic Chemistry II (4)** A continuation of CHEM U211. Survey of the chemistry of carbon compounds and introduction to the basic principles of organic chemistry. (Not for major credit in chemistry or biology).

**CHEM U321. Quantitative Analysis (3)** Principles of gravimetric, volumetric, and basic instrumental methods of analysis. Three class hours per week. Prerequisite: C or better in CHEM U112.

**CHEM U321L. Quantitative Analysis Laboratory (1)** Practice of volumetric, gravimetric, and simple instrumental methods of analysis. Three laboratory hours per week. Prerequisite or Corequisite: CHEM U321.

**CHEM U331, 332. Organic Chemistry (3,3)** Nomenclature, reactions, and syntheses of carbon compounds with emphasis on reaction mechanisms. Three class hours and one recitation hour per week. Prerequisite for U331: CHEM U112 or consent of instructor. Prerequisite for U332: CHEM U331.

**CHEM U331L, 332L. Organic Chemistry Laboratory (1,1)** A survey of laboratory methods of organic chemistry. Three laboratory hours per week. Prerequisite or corequisite for U331L: CHEM U331. Prerequisite for U332L: CHEM U331 and CHEM U331L. Prerequisite or Corequisite for U332L: CHEM U332.

**CHEM U371. Environmental Chemistry (3)** The chemistry underlying the fate and transport of chemicals in the environment (air, water, and soil), and their effects on the ecosystem. Topics include ozone cycle, smog, acid rain, greenhouse effect, acid mine drainage, pollution, analytical technologies used to screen for various classes of contaminants, drinking

and wastewater treatments, energy use and problems, remediation of water and soil. Prerequisites: CHEM U112; CHEM U331 or consent of instructor.

**CHEM U371L. Environmental Chemistry Laboratory (1).** Application of physical and physicochemical methods to air, water, and soil analysis. Prerequisites: CHEM U112. Corequisites: CHEM U371 or consent of instructor.

**CHEM U395. Internship in Chemistry (1-3)** Supervised work experience in chemistry. A minimum of three hours per week is required for each credit hour. A required contractual agreement is signed by the supervisor, the student, the instructor, and division chair. Prerequisite: junior or senior standing. Pass/fail credit.

**CHEM U397. Junior Seminar (1)** Searching and reading chemical literature and presentation of papers in a journal club format. Class meets with the chemistry Senior Seminar (CHEM U599) and presentations by CHEM U599 students will be observed. Prerequisite or Corequisite: CHEM U321, U332, U332L.

**CHEM U499. Undergraduate Research (1-3)** Directed research project introducing the student to the methods of chemical research. A written report on work accomplished is required at the end of each semester. Research involves laboratory work as determined by the instructor. Prerequisite: consent of instructor.

*Note: All 500-level CHEM courses (with the exceptions of CHEM U581, U582, U583L) require completion of CHEM U111, U112, U331, and U332 with a C or better as prerequisite. Additional prerequisites are included in individual course descriptions. Written consent of instructor can override this requirement when deemed appropriate.*

**CHEM U511. Inorganic Chemistry (3)** Atomic structure, molecular orbital theory, coordination compounds, redox chemistry, crystal structures, and a systematic study of the periodic table. Prerequisites: C or better in CHEM U321.

**CHEM U512L. Inorganic Chemistry Laboratory (1)** Syntheses with high pressure reactions, the use of unfamiliar solvents, high temperature and inert atmosphere, and the application of infrared, ultraviolet, nuclear magnetic resonance, and mass spectroscopy to inorganic chemistry. Three laboratory hours per week. Prerequisite: CHEM U331L. Prerequisite or Corequisite: CHEM U511.

**CHEM U522. Instrumental Methods of Analysis (4)** Theory, instrumentation, and applications of modern instrumental techniques. Three class and three laboratory hours per week. Prerequisite: C or better in CHEM U321 and CHEM U321L.

**CHEM U530. Spectrometric Identification of Organic Compounds (3)** Development and application of methods of obtaining and interpreting spectrometric data in terms of structural organic chemistry. Topics include infrared, ultraviolet, visible, and nuclear magnetic resonance spectroscopy.

**CHEM U534. Polymer Chemistry (3)** Fundamentals of macromolecular science with an emphasis on synthesis and characterization.

**CHEM U541. Physical Chemistry I (3)** Chemical thermodynamics, equilibrium, and kinetics. Prerequisites: MATH U142, PHYS U202 or U212, and

C or better in CHEM U321.

**CHEM U541L. Physical Chemistry I Laboratory (1)** Applications of experimental and computational techniques to the study of chemical thermodynamics, equilibrium, kinetics and physical properties of substances. Three laboratory hours per week. Prerequisite: C or better in CHEM U321L. Prerequisite or corequisite: CHEM U541.

**CHEM U542. Physical Chemistry II (3)** Introduction to quantum mechanics, atomic and molecular structure, spectroscopy, and statistical mechanics. Prerequisite: MATH U241 and CHEM U541.

**CHEM U542L. Physical Chemistry II Laboratory (1)** Applications of experimental and computational techniques to the study of quantum mechanics, spectroscopy, and molecular structure. Three laboratory hours per week. Prerequisite: CHEM U541L. Prerequisite or Corequisite: CHEM U542.

**CHEM U561. Medicinal Chemistry (3).** Fundamentals of the drug discovery process. Topics include drug targets, lead discovery and optimization, drug synthesis, pharmacodynamics, pharmacokinetics, the Food and Drug Administration approval process, and pharmaceutical case studies. Prerequisite: CHEM U332 or consent of instructor.

**CHEM U581. Biochemistry I (3) (=BIOL U581)** Structure and function of the major classes of biological compounds and biological membranes. Content includes a kinetic and equilibrium based approach to biological transport and catalysis, signaling, and an introduction to bioenergetics. Prerequisite: C or better in CHEM U332 or consent of instructor.

**CHEM U582. Biochemistry II (3) (=BIOL U582)** Chemistry of biological information pathways. DNA, RNA, and protein metabolism, organization of genes on chromosomes, regulation of gene expression, and applications of these topics to biotechnology problems are covered. Prerequisite: BIOL U581/CHEM U581 or consent of instructor.

**CHEM U583L. Biochemistry Laboratory (1) (=BIOL U583L)** A survey of laboratory methods in biochemistry. Three laboratory hours per week. Prerequisite or Corequisite: CHEM U581 or U582.

**CHEM U599. Senior Seminar (3)** Integration and assessment of chemical knowledge at an advanced level, exploration of ethical issues, research, and oral presentation. Prerequisite: SPCH U201, C or better in CHEM U321, CHEM U397, CHEM U541, and at least one course from CHEM U511, U522, U530, U534, U561, U581, U582, or consent of instructor.

## CHINESE (CHIN)

**CHIN U101. Introductory Chinese I (3)** Fundamentals of the Mandarin Chinese language and culture through speaking, listening, reading and writing.

**CHIN U102. Introductory Chinese II (3)** Fundamentals of the Mandarin Chinese language and culture through speaking, listening, reading and writing. Prerequisite: CHIN U101.

**CHIN U201. Intermediate Chinese I (3)** Review of the basic principles of

the language with emphasis on reading, writing, and oral skills. Prerequisite: CHIN U102 or consent of instructor.

**CHIN U202. Intermediate Chinese II (3)** Review of the basic principles of the language with emphasis on writing, oral skills and the reading of literary and other authentic texts. Prerequisite: CHIN U201 or consent of instructor.

## COMMUNITY HEALTH EDUCATION (CHME)

**CHME U200. Foundations of Community Health (3)** Introduction of community health, including the social determinants of health, the role of community/public health organizations within the healthcare system, and the impact of educational, social, cultural, and economic variables on individual and community health and wellness.

**CHME U210. Introduction to Health Policy: Systems of Care (3)** Exploration of the community health field including the social determinants of health, the role of community/public health organizations within the healthcare system, and the impact of educational, social, cultural, and economic variables on individual and community health and wellness.

**CHME U300. Research and Ethics in Community Health (3)** An overview of community health research principles, standards, and processes as well as an in-depth examination of specific components and methods. Overarching content includes sampling, measurement, design, analyses, and presentation of results. Research methods examples are structured within the broad context of public and community health. Prerequisite: CHME U210 or consent of instructor.

**CHME U320. Principles of Health Education and Promotion (3)** Discipline of community health in individual and public health including concepts of wellness, and the determinants of health behavior, community and national health status, the history of health education and health promotion, and the influences of disparity and access on educational initiatives and impact. Prerequisite: CHME U210 or consent of instructor.

**CHME U330. Mental Health and Illness in Community Health (3)** Community, systems, ecological perspective with emphasis the impact of poverty, race, class, and social causation on mental health and wellness, and introduction of the social support model. Prerequisite: CHME U210 or consent of instructor.

**CHME U340. Human Sexuality, Reproduction and Health (3)** Exploration of the role and impact of community health, health care policy, and individual identity on human sexual and reproductive health. Theories and principles surrounding human sexual health and behavior as well as the role of community/public health in promoting sexual and reproductive health as states of physical, emotional, mental, and social well-being are examined. Prerequisite: CHME U210 or consent of instructor.

**CHME U350. Chronic and Communicable Disease (3)** Public health education perspective of disease control and prevention, including the basic causes, progression, transmission, and treatment of the diseases. Prerequisite: CHME U210 or consent of instructor.

**CHME U400. Environmental Health (3)** Overview environmental health

as a core discipline within public health including the interaction of individuals and communities with the environment, the origins and progression of environmental concerns, the potential impact on health of environmental agents, and the dynamics of environmental health in the region. Prerequisite: CHME U210 or consent of instructor.

**CHMEU410. Case Management and Service Coordination (3)** Introduction to the theory and practice of case management in community health and human services including referral and eligibility for services, planning, and systems of continuous documentation. Prerequisite: CHME U210 or consent of instructor.

**CHME U420. Community Health Improvement and Assessment (3)** Coordination of health care and public health activities to achieve community health goals; the nature of health and its determinants; the use of quantitative and qualitative methods; data analysis; community mobilization and capacity building; and the impact of current national policy on community health improvement. Prerequisite: CHME U210 or consent of instructor.

**CHME U489. Community Health Internship (9)** Opportunity to become acquainted with the implementation of the principles of community health, work as a part of a team or agency, and appreciate community health worker role as professionals in community health and promotion. A minimum of 405 contact hours are required. Prerequisite: Completion of program required coursework. Corequisite: CHME U499 Senior Seminar.

**CHME U499. Community Health Seminar: Advanced Principles of Community Health (3)** Topics relating to the practice of the community health profession with a focus on the integration of community/public health knowledge, methods, theories, and resources. Prerequisite: Completion of program required coursework. Corequisite: CHME U489.

## COMMUNICATION (COMM)

**COMM U375. Communication Research Methods (3)** Fundamentals of communications research methods and applications. Topics include survey research, observational and experimental studies, primary research data-gathering techniques, secondary research sources, data analysis, message, market, competitive and audience research measures. Prerequisites: SPCH U201, U301 or JOUR U305; or consent of the instructor.

**COMM U399. Internship or Independent Study in Communication (1-3)** Supervised professional experience or research outside the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit, 45 hours. For an internship or for an independent study, a contract must be signed by the student and by the instructor or record and other designated faculty and administrators. A student may repeat COMM U399 once with a different internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: SPCH U201 and consent of faculty internship supervisor and student's academic advisor.

**COMM U490. Senior Seminar in Communications (3)** Reading and research on selected topics in communication studies, mass media and/or public relations designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: COMM U375 and departmental permission.

## CRIMINAL JUSTICE (CRJU)

**CRJU U101. Introduction to Criminal Justice (3)** Survey of the law enforcement, judicial, correctional, and juvenile systems; interrelationships between criminal justice agencies and the community.

**CRJU U210. Policing in America (3)** Police organizations; the recruitment, training, and socialization of police officers; the role of police in society; and critical issues in policing. The problem of coercive power as it relates to policing is also examined. Prerequisite: CRJU U101.

**CRJU U220. The Criminal Courts (3)** The administration of criminal justice in the American federal and state court systems. The nature and concept of justice, court personnel, functions, jurisdictions, policies, procedures, discretion, and current developments in court technology and organization will be reviewed. Prerequisite: CRJU U101.

**CRJU U230. Introduction to Corrections (3)** Penology emphasizing the history, philosophy, programs, policies, and problems associated with correctional practice. Topics include probation, prisons, jails, parole, community corrections and alternative sanctions. Prerequisite: CRJU U101.

**CRJU U272. Foundations of Crime Analysis (3)** Overview of the field of crime analysis, including theoretical, methodological, and ethical foundations. Prerequisite: CRJU U101 and CRJU U210 or consent of instructor.

**CRJU U301. Crime in America (3)** Contemporary issues related to manifestations of crime, offenders, victims, justice system response, and societal trends. Emphasis placed on debunking misconceptions of crime and its correlates in media and society. Prerequisite: CRJU U101.

**CRJU U311. Homeland Security (3)** Causes, consequences, and prevention strategies for homeland security issues. Topics include government roles in homeland security, strategies of protecting U.S. Citizens and interests, and specific threats to homeland security such as natural disasters and acts of terrorism. Prerequisite: CRJU U101.

**CRJU U321. Criminal Law (3)** Origin and development of criminal law in America along with basic elements of crime and defenses. Prerequisite: CRJU U101.

**CRJU U325. Criminal Trial Practice (3)** The criminal trial, including the rules of evidence, trial strategy, opening statements, the presentation of evidence, arguing objections, closing arguments, and a critical analysis of the entire process. Prerequisites: CRJU U101 or consent of instructor.

**CRJU U330. Institutional Corrections (3)** Functions, structure, procedures and philosophy of American correctional institutions; constitutional limitations and the impact of law on correctional practices. Prerequisite: CRJU U101 and U230.

**CRJU U333. Community-Based Corrections (3)** Development and impact of community programs, halfway houses, group homes, work-release, and educational release programs, including the role of the community and citizens in the correctional process. Prerequisite: CRJU U101 and U230.

**CRJU U343. The Juvenile Justice System (3)** History, philosophy, and evaluation of the juvenile court, juvenile court practices and procedures; the role of the police, correctional alternatives, prevention and intervention strategies in the juvenile justice process. Prerequisite: CRJU U101 and either CRJU U210, CRJU U220, or CRJU U230, or consent of instructor.

**CRJU U345. Juvenile Delinquency (3) (=SOCY U355)** Social factors in the development, identification and treatments of delinquents and juvenile delinquency in the context of juvenile justice systems. Prerequisites: SOCY U101 and CRJU U101.

**CRJU U350. Victimology (3)** Forms of victimization, the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, victim-offender mediation, and victim compensation. The national crime survey regarding patterns and trends in victimization is introduced. Prerequisite: CRJU U101.

**CRJU U352. Sexual Misconduct (3)** Examination of public forms of sexual misconduct, specifically sexual harassment and sexual assault in places of employment and education. Includes an analysis of motives, victim/perpetrator characteristics, and corporate, societal, and individual responses to sexual misconduct. Prerequisite: CRJU U101 or consent of instructor.

**CRJU U361. Criminal Justice Research Methods (3)** Quantitative, qualitative and comparative methods used in criminal justice research, focusing on research design, data collection and analysis, and ethical issues. Prerequisites: CRJU U101, CRJU U210, CRJU U220 and CRJU U230.

**CRJU U362. Criminal Justice Statistics (3)** Basic principles of descriptive and inferential statistics as applied to topics in criminal justice, including correlation, probability, measures of central tendency and variability, hypothesis testing, and estimation. For criminal justice majors only. Prerequisites: CRJU U101 and MATH U120 or higher.

**CRJU U365. Tactical Crime Analysis (3)** Theoretical and practical aspects of tactical crime analysis focusing on pattern analysis and profiling. CRJU U272

**CRJU U366. Strategic Crime Analysis (3)** Theoretical and practical aspects of strategic crime analysis focusing on long-term analytical strategies to control and/or prevent specific crime problems. Prerequisite: CRJU U272

**CRJU U371. Criminological Theory (3)** Analysis and critical assessments of traditional and contemporary crime and theories of criminal behavior. Prerequisites: CRJU U101, CRJU U210, CRJU U220, and CRJU U230.

**CRJU U380. Special Populations and the Criminal Justice System (3)** The experience of special populations including racial, ethnic and other historically marginalized groups in various roles within the criminal justice system. Prerequisites: CRJU U101 and either CRJU U210, U220 or U230.

**CRJU U381. Alcohol, Drugs, and Public Policy (3)** History and theories of alcohol and other drug use, types and effects of drugs, crime associated with drugs, prevention and treatment of abuse, and efforts to control and regulate drug use. Both past and present public policies for the control of



licit and illicit drugs will be evaluated. Prerequisite: CRJU U101 or PSYC U101 or SOCY U101.

**CRJU U382. Women and Crime (3)** The traditional and contemporary explanations of female delinquency and criminality, the differential treatment accorded female defendants and victims, the nature of crime against women, the quality of state and federal correctional systems for women, and the status of females as criminal justice professionals. Prerequisite: CRJU U101.

**CRJU U383. Comparative Criminal Justice Systems (3)** International criminal justice systems, their legal foundations, current structures, and strategies of crime control. Prerequisite: CRJU U101.

**CRJU U384. Child Sexual Exploitation (3).** Child sexual abuse and commercial child sexual exploitation. Characteristics of pedophiles, child molesters, traffickers, and their methods; victim/survivor attributes and recovery; secondary victimization; the role of technology; the criminal justice system response, and legal issues are included. Prerequisites: SOCY U101 or CRJU U101 or PSYC U101; or consent of instructor.

**CRJU U385. Violence in Society (3)** Theories, causes, consequences and prevention of violent acts. Topics include trends and patterns, violent offenders, typologies of violent behavior, social construction of violence, and criminal justice system response. Prerequisites: CRJU U101 and either CRJU U210, CRJU U220, or CRJU U230.

**CRJU U386. Globalization and Crime (3) (=SOCY U359).** Global crime focusing on the relationship between globalization, crime, and justice which involves a diverse range of activities affecting the political, economic, and social development of countries around the world. Topics will focus on the proliferation of crime emphasizing migration, international policing, drug/human trafficking, international terrorism, environmental crime, cybercrime, and economic exploitation. Prerequisite: CRJU U101 or SOCY U101.

**CRJU U390. The Death Policy (3).** Problems and issues related to capital punishment in the United States, including its history, important Supreme Court decisions, variations in jurisdictional processes (state, federal and military), the comparative costs of incarceration and execution, miscarriages of justice in capital cases, and responses to these issues. Prerequisites: CRJU U101 or consent of instructor.

**CRJU U399. Independent Study (1-3)** A planned individual study program in conjunction with a Criminal Justice faculty member. Course may be repeated once with consent of advisor. Prerequisites: CRJU U101 and consent of instructor.

**CRJU U401. Criminal Justice Administration (3)** Problems, processes, and theories of communication, decision making, and control in criminal justice agencies. Prerequisites: CRJU U101, CRJU U210, CRJU U220, and CRJU U230.

**CRJU U402. Civil Liability in Criminal Justice (3)** Liability of criminal justice practitioners, agencies, municipalities, and other criminal justice entities including types of actions, defenses, damages, injunctions and other remedies for civil wrongs as mandated by state and federal law are included. Prerequisites: CRJU U210, CRJU U220, CRJU U230.

**CRJU U403. Criminal Justice Ethics (3)** Ethical issues confronted by

criminal justice personnel and organizations. Standards and professional responsibilities of criminal justice practitioners are examined within the context of ethical dilemmas. Prerequisites: CRJU U101, CRJU U210, CRJU U220, and CRJU U230.

**CRJU U420. Criminal Procedure (3)** Laws and constitutional safeguards that govern the processing of criminal offenders from police investigation through post-conviction relief. Prerequisite: CRJU U101.

**CRJU U468. Advanced Topics in Crime Analysis (3)** Advanced practical and theoretical topics in the field of crime analysis. Specific topics may change based on prevailing current trends in the field. Prerequisite: CRJU U365 and CRJU U366.

**CRJU U474. Social Deviance (3) (=SOCY U351)** Theories, methods, and substantive issues in the creation, involvement, recognition, and control of deviance. Pertinent research data is integrated in the context of contemporary societal issues. Prerequisites: SOCY U101 and CRJU U101.

**CRJU U484. Selected Current Topics (3)** A seminar for advanced students. May be repeated once with the consent of the adviser. Prerequisites: CRJU U101, CRJU U210, CRJU U220, and CRJU U230; or consent of instructor.

**CRJU U490. Criminal Justice Internship (3-6)** A planned program of observation, study and work in selected criminal justice and related agencies. Prerequisites: CRJU U101, CRJU U210, CRJU U220 and CRJU U230; minimum of 75 earned credit hours with at least 15 of these hours from USC Upstate, minimum GPA of 2.25 and consent of instructor. Meeting prerequisites does not guarantee an internship placement. A history of illegal drug use or experimentation, a criminal record, location of desired internship, inability to attend on-campus seminars, and other issues may prevent program acceptance as an intern.

**CRJU U498. Advanced Topics in Practical Crime Analysis (3)** Practical experience in the crime analysis field through a portfolio or practicum. Prerequisite: CRJU U468

**CRJU U501. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas related to crime and the criminal justice system. The specific topics covered vary depending upon the instructor. Prerequisites: One statistics course, CRJU U101, CRJU U210, CRJU U220, CRJU U230, CRJU U361, and CRJU U371.

## COMPUTER SCIENCE (CSCI)

**CSCI U138. Introduction to Computer Technology (3)** Introduction to graphical user interface, word processing, spreadsheets, database, Internet, cross-platform training, computer components and peripherals, input/output concepts, storage concepts, and computer buyer's guide considerations.

**CSCI U150. Introduction to Computer Science (3)** Current application, security and systems software, hardware devices, social and ethical issues in computing and information technology, propositional logic, search engines, and computer programming concepts. Basic problem solving, logic, and computer programming are introduced through an active learning environment. Prerequisite or Corequisite: MATH U126

or consent of instructor.

**CSCI U200. Computer Science I (3)** Design, analysis and testing of algorithms and classes, including programming from an Object-Oriented perspective, simple data types, control structures, and arrays. Prerequisite: MATH U126.

**CSCI U210. Computer Organization (3)** Computer organization, logic gates and expressions, circuits, CPU, memory, numbering systems, assembly language programming, instruction formats, and addressing modes. Prerequisite: C or better in CSCI U200 or consent of instructor.

**CSCI U234. Visual BASIC Programming (3)** Basic and advanced programming in **the Visual BASIC language including visual object** design, active-X objects, access to database objects, dynamic data exchange, and object linking and embedding. Prerequisite: C or better in CSCI U200 or consent of instructor.

**CSCI U236. Python Programming (3)** Introduction to Python programming as an object-oriented language with concepts of OO programming, functions, selection statements, iteration statements, argument passing, strings, arrays, lists, dictionaries, files IO, dynamic typing, sequences, sets, assignments, multiple-target assignments, recursion, polymorphism and Python timing methods and tools. Prerequisite: C or better in CSCI U200 or consent of instructor.

**CSCI U238. C++ Programming (3)** Introduction to C++ as a second object-oriented language with concepts of OO programming, data abstraction, polymorphism, inheritance, graphical user interface design with MFC, and memory management issues. Prerequisite: C or better in CSCI U200 or consent of instructor.

**CSCI U300. Computer Science II (3)** Advanced design, analysis and testing of algorithms and classes, including inheritance, polymorphism, UML, complexity analysis, recursion, search and sorting techniques, linked lists, stacks and queues. Prerequisite: C or better in CSCI U200 or consent of instructor. Corequisite: MATH U174 or consent of instructor.

**CSCI U310. Introduction to Computer Architecture (3)** Computer organization and architecture, basic processor design, hard wired and microprogrammed control, ALU, memory organization, data paths, pipelining, and interfacing and communications. Prerequisite: C or better in CSCI U210 or consent of instructor.

**CSCI U311. Information Systems Hardware and Software (3)** An introduction to computer and systems architecture and operating systems for system development personnel. Topics include CPU architecture, instructions sets, memory, registers, input/output, and operating system modules such as process management, memory and file management. Prerequisite: C or better in CSCI U200 or consent of instructor.

**CSCI U314. Industrial Robotics (3)** Fundamental concepts of industrial robotics including kinematics, 3D coordinate transformation, robot motion, robot control and sensing, robot programming, and computer vision. A review of new technologies for computer-integrated manufacturing, computer-aided design and computer-aided manufacturing, automated material handling, and flexible manufacturing systems is included. Stu-

dents are required to write programs in order to demonstrate the laboratory projects. Prerequisites: C or better in CSCI U200 and MATH U127, or consent of instructor.

**CSCI U321. Computer Science III (3)** Design, analysis and testing of advanced data structures, including priority queues, trees, binary search trees, tree traversals and balancing techniques, hashing, and graph theory. Prerequisites: C or better in both CSCI U300 and MATH U174 or consent of instructor.

**CSCI U355. Digital Forensics (3)** Methods, tools and techniques used to maximize efficiency in investigations that involve digital devices, including malicious code analysis, techniques of evaluation of the physical memory of a compromised machine, digital forensics tools, challenges of anti-forensics phenomena, and use and management of storage area network technology for evidence storage. Prerequisites: C or better in CSCI U300 and CSCI U311; or consent of instructor.

**CSCI U375. Introduction to Cybersecurity (3).** Introduction of information security practices and needs including concepts of information security, types of attacks, risk analysis and management, security technologies, and basic information security implementation. Prerequisites: C or better in CSCI U200 or consent of instructor.

**CSCI U399. Independent Study (1-9)** As needed.

**CSCI U412. Computer Networks I (3)** Introduce the basic concepts needed to design, implement, and manage networks. Transmission media, topologies, local area and wide area network technologies, communication protocols, standards, network architectures, security, and network operating systems are examined. Prerequisite: C or better in CSCI U300, or consent of instructor.

**CSCI U421. Design and Analysis of Algorithms (3)** Concepts and fundamental strategies of algorithm design; the analysis of computing time and memory requirements; the theory of computational complexity (NP-hard and NP-complete); graph manipulation algorithms (connected components, minimum spanning trees, traveling salesman, cycles in a graph, and coloring of graphs); search algorithms (depth-first, breadth-first, best-first, and alpha-beta minimax); and computational algorithms (matrix multiplication, systems of linear equations, expression evaluation, and sorting). Prerequisite: C or better in CSCI U321 or consent of instructor.

**CSCI U450. E-Business Web Application Development (3)** A project-oriented course involving the complete application development of an online commercial Web site. Basic Web page design, including HTML and Style Sheets is covered, but the focus is on what happens behind the scenes of a business Web site, including client versus server-side information processing, CGI and Event-Driven programming, data transmission, storage and compressions, risk analysis, and security issues. Prerequisite: C or better in CSCI U300 or consent of instructor.

**CSCI U455. Computer Security (3)** A survey of the fundamentals of information security, including risks and vulnerabilities, policy formation, controls and protection methods, database security, encryption, authentication technologies, host-based and network-based security issues, personnel and physical security issues, issues of law and privacy. Prerequisite: C or better in CSCI U300 or consent of instructor.

**CSCI U456. Applied Cryptography (3)** Symmetric-key cryptography, including Stream ciphers and Advanced Encryption Standard, password-based encryption, public-key cryptography, session-key encryption, digital signatures, hash functions, and message authentication codes. The hands-on laboratories provide extensive practice on file encryption using public-key cryptography, password storage and authentication by message digest, utilization of key transport and key agreement to establish secure channel for socket programming and RSA encryption implementation. Prerequisite: C or better in CSCI U321 or consent of instructor.

**CSCI U499. Directed Research (3)** An investigation of technical papers from the instructor's area of research. The composition and presentation of technical papers that either survey the existing literature or make an original contribution to the research area is required. Prerequisites: C or better in CSCI U300 or consent of instructor.

**CSCI U509. Topics in Computer Science (3)** Selected topics of special interest in computer science. May be repeated for credit. Prerequisite: consent of instructor.

**CSCI U511. Operating Systems (3)** Introduces the fundamentals of operating systems design and implementation, including an overview of the components of an operating system, mutual exclusion and synchronization, I/O, interrupts, implementation of processes, scheduling algorithms, memory management, and file systems. Prerequisites: C or better in CSCI U210 and CSCI U321 or consent of instructor.

**CSCI U512. Computer Networks II (3)** Advanced topics in telecommunications, location positioning systems and computer networking, including wireless and mobile computing, integration of wireless and wired networks, design issues, packet transmission, datagram encapsulation and fragmentation, media access control, data transmission and retransmission, routing, bridging, switching, addressing error handling, flow control, data security, and local and wide-area networks. Prerequisites: C or better in CSCI U412 or consent of instructor.

**CSCI U515. Wireless Networks (3)** Fundamental concepts and techniques employed in wireless and mobile networks such as cellular networks, wireless LANs, and ad-hoc networks. Topics include wireless communication basics, access technologies, medium access control, naming and addressing, routing, mobility support and management, security, and power management. Prerequisite: C or better in CSCI U412 or consent of instructor.

**CSCI U516. Distributed and Network Programming (3)** Design and implementation of distributed application and network communication programs, including network application development with UCP and TCP/IP protocols, introduction to distributed systems and computing, RIM, socket programming, client/server models, and communication primitives, such as datagrams, packet retransmission, routing, addressing, error handling, and flow control. Prerequisite: C or better in CSCI U321 or consent of the instructor.

**CSCI U520. Database System Design (3)** Database Management System (DBMS) architecture and organization, design and implementation of DBMS, data models, internal databases structures, conceptual modeling, data independence, data definition language, data manipulation language, normalization, transaction processing, recovery, and security. Prerequisite:

C or better in CSCI U300 or consent of instructor.

**CSCI U521. Database Implementation, Application, and Administration (3)** Design and implementation of database and client/server applications, in-depth treatments of embedded queries and stored procedures, database triggers, database extended languages, architectures and design patterns of distributed application, transaction processing, performance tuning, recovery and backups, auditing, and security. Prerequisite: C or better in CSCI U520 or consent of instructor.

**CSCI U525. Knowledge Discovery and Data Mining (3)** Extraction and discovery of knowledge from large databases, data integration and data warehousing, data mining algorithms, models, and applications including association rule mining information retrieve (IR) and mining of text databases, decision tree, decision rules, classification techniques, cluster analysis, and evaluation, visualization, and interpretation of patterns. Prerequisite: C or better in CSCI U300 or consent of instructor.

**CSCI U530. Programming Language Structures (3)** Paradigms and fundamental concepts of programming languages, such as scope, binding, abstraction, encapsulation, typing, and language syntax and semantics. Functional and logic programming paradigms are also introduced through sample programming languages. Prerequisites: C or better in CSCI U210 and CSCI U321 or consent of instructor.

**CSCI U540. Software Engineering (3)** Methods and tools of software engineering, software life cycle, iterative development processes including the Agile Method and Unified Process, object oriented analysis and design of software, software testing, cost and effort estimation, project management, risk analysis, and documentation. A relatively large software system is developed in a team environment. Prerequisite: C or better in CSCI U321 or consent of instructor.

**CSCI U555. Advanced Computer Security and Information Assurance (3)** Cryptography, telecommunication and network security, applications and system development security, Business Continuity Planning (BCP), cyber-crimes and countermeasures. The hands-on laboratories provide extensive practices on firewalls, Virtual Private Networks (VPN), Intrusion Detection Systems (IDS), and other computer security tools. Prerequisite: C or better in CSCI U412 and CSCI U455; or consent of instructor.

**CSCI U560. Numerical Analysis (3) (=MATH U560)** Difference calculus, direct and interactive techniques for matrix inversion, eigen value problems, numerical solutions of initial value problems in ordinary differential equations, stability, error analysis, and laboratory applications. Prerequisites: MATH U245 and U344, and programming competency.

**CSCI U570. Network Security (3)** Introduction and analysis of IP security, in-depth technical treatment of authentication, email security, web security, network management security, intruders, malicious software, and firewalls. Prerequisite: C or better in CSCI U375 and CSCI U412 or consent of instructor.

**CSCI U575. Applied Cybersecurity (3)** Introduction to practical concepts and principles of personal, organizational, and national cybersecurity, including hands-on labs and examples in computer security, network security, web security, encryption, security policies, countering cyber stalking, social

engineering, fraud and abuse, malware, computer viruses, techniques used by hackers, and how to detect and combat cyber threats. Prerequisite: C or better in CSCI U375 or consent of instructor.

**CSCI U580. Introduction to Artificial Intelligence (3)** Intelligent agents, expert systems, heuristic searching, knowledge representation and reasoning, artificial neural networks, ontologies, and natural language processing. Prerequisites: C or better in CSCI U321 or consent of instructor.

**CSCI U585. Introduction to Computer Vision (3)** Processing and analyzing features in still digital images, camera calibration, stereopsis, object recognition, the processing of edges, regions, shading and texture, and introductory video processing techniques. Prerequisites: C or better in CSCI U321 and MATH U141 or consent of instructor.

**CSCI U599. Computer Science Senior Seminar (3)** Integration of knowledge at an advanced level, a review of recent developments in theoretical and applied computer science, the exploration of ethical issues, along with research and oral presentation. Prerequisites: 12 hours of 300 level or above computer science courses and consent of instructor.

## DIGITAL STUDIES (DGST)

**DGST U101. Introduction to Digital Studies (3)** Cross-disciplinary exploration and application of digital technologies for communication and digital identity formation. Emphasis includes critical analysis of meaning and significance of interconnected digital capabilities for social, cultural, ethical, legal, and philosophical issues related to the use of technology.

## ECONOMICS (ECON)

**ECON U221. Principles of Macroeconomics (3)** Causes and effects of changes in economic aggregates, including gross domestic product, personal income, unemployment, and inflation. The role of economics in contemporary society and the effect of monetary and fiscal policy on the functioning of free market system are explored. Prerequisites: MATH U120, or MATH U121, or MATH U122, or MATH U126.

**ECON U222. Principles of Microeconomics (3)** Consumer demand, supply, and price in a free-market system. The economics of the firm is presented within the context of different market structures. Prerequisites: MATH U120, or MATH U121, or MATH U122, or MATH U126.

**ECON U291. Probability and Statistics (3)** Concepts of probability, probability distributions, and sampling theory. Prerequisite: MATH U121, U122, U126, or eligibility for exemption from MATH U121.

**ECON U292. Statistical Inference (3)** Methods of statistical inference, including additional topics in hypothesis testing, linear statistical models, and time series analysis. Prerequisites: ECON U291 or MATH U102.

**ECON U301. Money and Banking (3)** History, structure, functions and operations of the American commercial and central banking system. Emphasis is placed on the influence and operations of the Federal Reserve System. Prerequisites: 54 credit hours earned, ECON U221, and FINA U363.

**ECON U303. International Economics (3)** Survey of international economic issues and institutions, including trade and protectionism, global and regional trade agreements, trade balances and exchange rates. Prerequisites: 54 credit hours earned, ECON U221 and ECON U222.

**ECON U311. Issues in Economics (3)** Nature and causes of major economic problems facing the nation and its communities and policy alternatives designed to solve them, including the philosophy and methodology of economics in social problem solving. Prerequisites: 54 credit hours earned, ECON U221 and ECON U222.

**ECON U322. Intermediate Macroeconomic Theory (3)** Classical, Keynesian, and post-Keynesian models. These models provide a framework for monetary and fiscal policy prescriptions to economic problems. Prerequisites: 54 credit hours earned, ECON U221 and ECON U222.

**ECON U326. Managerial Economics (3)** Application of the economic theory of profits, competition, demand, and costs to the analysis of problems arising in the firm and in decision making. Prerequisites: 54 credits hours earned, ECON U222, and one of the following: ECON U292, or MATH U202, or equivalent.

**ECON U455. Topics in Economics (3)** Selected topics in economics. Topics vary depending on available staff and interests of students. This course may be repeated for credit. Prerequisites: 54 credit hours, ECON U221 and ECON U222.

## Education

### CHILD & FAMILY STUDIES

**EDCF U201. Introduction to Early Care and Education (3)** An overview of child development, curriculum, management and guidance as well as health, safety and nutrition regulation standards in early care and education.

**EDCF U346. Introduction to Family Studies (3)** Theoretical and practical approaches to marriage and family. Attention is given to an in depth look at family structure, family functions, culture, diversity and parenting. Emphasizes on relationships between families, parent education in early care and education settings.

**EDCF U350. Development of the Young Child I (3)** Analysis of developmental domains of children ages between birth to three within an ecological context and cultural perspective. Prerequisite: EDFO U333.

**EDCF U352. Curriculum Methods and Standards I (4)** Curriculum models for children ages birth to three and clinical experiences integrated into the course work in a childcare setting. Attention is given to age appropriate activities and materials based on South Carolina Infant/Toddler Guidelines. Prerequisite: EDCF U201.

**EDCF U354. Exceptional Children and Early Intervention (3)** Theoretical and practical approaches to working with young children with disabilities and/or developmental delays. Candidates are introduced to involving and supporting parents and families whose child or children have developmental delays or disabilities. Prerequisite: EDFO U341.

**EDCF U356. Family Interaction and Communication (3)** Theoretical and practical approaches to interacting and communicating with parents and families. Candidates are introduced to important aspects of communicating effectively and applying this ability with diverse families and cultures. Prerequisite: EDCF U346

**EDCF U449. Mental Health and Play Therapy (3)** Theoretical and practical strategies in understanding mental health in young children. Attention is given to infant and children's mental health, play therapy and filial therapy with children and parents. Prerequisite: EDEC U349.

**EDCF U450. Development of the Young Child II (3)** Analysis of developmental domains of children ages between four to six within an ecological context and cultural perspective. Prerequisite: EDSC U333 and EDCF U350.

**EDCF U452. Curriculum Methods and Standards II (4)** Program for children ages four to six. Attention is given to learning environment and evidence based practices as well as South Carolina Good Start Grow Smart learning standards. Clinical experience in a learning center is integrated. Prerequisite: EDCF U352.

**EDCF U454. Guidance and assessment Methods (3)** Formal and informal assessment and screening strategies for children birth to six. Focus is given on reflective and guided practice. Prerequisites: EDCF U350 and EDCF U352.

**EDCF U455. Legal and Ethical Issues in Early Care and Education (3)** Ethical and legal issues as they relate to early care and education. Attention is given to the code of ethics, safety and prevention, privacy and confidentiality, and handling conflict. Prerequisite: EDCF U454 and senior standing.

**EDCF U456. Working with Parents in Diverse Settings (3)** Theoretical and practical strategies that support and assess parental involvement within diverse settings. Focus includes on the needs of families with and without children of disabilities and/or developmental delays. Prerequisites: EDCF U354 and EDCF U356.

**EDCF U458. Internship (12)** Supervised clinical experience of 14 weeks in a learning center or an accredited child care center. Candidates prepare a resource file addressing culturally sensitive, age appropriate, inclusive activities; administer authentic and standardized assessments; plan parent involvement activities and collect professional resources. Prerequisite: Completion of required program course work.

### **CURRICULUM AND INSTRUCTION (EDCI)**

**EDCI U300. Resources and Technology in Teaching (3)** Proper and effective use of computer technology and audiovisual resources in education, including navigation of portfolio software, construction of materials, location of resources, and operation of equipment. Prerequisite: CSCI U138 or consent of the instructor.

**EDCI U490. Curriculum and Instruction Senior Seminar (12-15)** A fourteen-week supervised internship experience in selected placement setting. Completion of this course does not qualify student for teacher certification recommendation. Prerequisite: Approved application for student teaching and permission by the School of Education Dean. Corequisite: Early Education majors EDEC U468; Special Education majors EDLD U449; and PE

majors EDPH U460.

### **EARLY CHILDHOOD EDUCATION (EDEC)**

**EDEC U349. Creativity and Play (3)** Theories of play and the development of play as central to children's learning. Knowledge and skills in structuring the classroom environment and curriculum experiences which will support and enrich a child's developmental domains. Multicultural perspectives and needs of exceptional children addressed.

**EDEC U398. Topics in Early Childhood Education (1-3)** Prerequisite: junior standing and consent of instructor.

**EDEC U399. Independent Study (3)** Prerequisite: junior standing and consent of instructor.

**EDEC U410. Clinical I in Early Childhood Education (2)** Supervised clinical experience in early childhood settings. Observation and participation in classroom settings is required with a focus on observing and assessing children's development and language use, observing types of programs, and assessing management styles and techniques. Seminars and group discussions included. Four laboratory hours per week. Prerequisite: admission to the professional program. Corequisite: EDEC U420, U422, U424, U445 and EDFO U485.

**EDEC U420. The Young Child: Behavior and Development in Early Childhood (3)** Intellectual, physical, social, and emotional development, prenatal through grade four, within ecological context. Critical thinking, creative expression, the parenting role and developmental diagnosis including assessment of development, normal and abnormal, will be addressed. Prerequisites: EDFO U333 or PSYC U302; admission to the professional program or consent of the instructor. Corequisites: EDEC U410, U422, U424, U445 and EDFO U485.

**EDEC U422. Survey of Early Childhood Education (3)** Programs for young children and the historical, social, economic, and philosophical influences on education. Attention is given to learning activities, materials, and equipment for kindergarten and primary grades. The assessment of readiness and maturation and the relationship of various subject areas to the child's development are emphasized. Prerequisite: admission to the professional program. Corequisites: EDEC U410, U420, U424, U445 and EDFO U485.

**EDEC U424. Parent and Family Involvement in Early Childhood Education (3).** Principles, practices, and content of family dynamics including family literacy and practices for involving parents/families in early childhood settings. Prerequisite: admission to the professional program. Corequisites: EDEC U410, U420, U422, U445 and EDFO U485.

**EDEC U440. Clinical II in Early Childhood Education (2)** Supervised clinical experience in early childhood settings. Observation and participation in classroom settings is required with a focus on inquiry, literary specific instructional strategies and assessments, as well as reading and writing in math, science, social studies and creative arts. Lesson implementation, formative literacy assessments, parent/guardian interest surveys, and group discussions included. Four laboratory hours per week required. Prerequisite: admission to the professional program. Prerequisite: admission to the profes-

sional program. Corequisites: EDRE U414, U416, EDEC U446, U447, and U448.

**EDEC U445. Language Acquisition and Communicative Skill (3)** The relationship of language acquisition and communicative skills and young children through theoretical and evidence-based foundations. Included are instructional approaches designed to develop vocabulary and oral language, phonemic awareness and phonics, concepts about print, and initial reading and writing processes. Prerequisite: admission to the professional program. Corequisites: EDEC U410, U420, U422, U424 and EDFO U485.

**EDEC U446. Math for the Young Child (3)** Materials and programs for teaching and assessing mathematics and the methods and theories for developing instructional strategies in mathematics, including integration of literacy instruction. Competence is gained in the selection, preparation, and presentation of materials. Prerequisite: MATH U231, U232, U233 and admission to the professional program. Corequisites: EDRE U414, U416, EDEC U440, U447, and U448.

**EDEC U447. Social Studies for the Young Child (3)** Materials and programs for teaching social studies content, including integration of literacy instruction. Application of instructional strategies that connect social studies concepts to social problems and the socialization of children. Prerequisite: admission to the professional program. Corequisites: EDRE U414, U416, EDEC U440, U446, and U448.

**EDEC U448. Science for the Young Child (3)** Materials and programs for teaching and assessing science including, integration of literacy instruction and the methods and theories of developing science programs. Competence is gained in the selection, preparation, and presentation of materials. Prerequisite: admission to the professional program. Corequisite: EDRE U414, U416, EDEC U440, U446, and U447.

**EDEC U468. Education of Young Children: An Ecological Approach (3)** An ecological study with attention to home-school relations, parent involvement, community resources, and multicultural perspectives. Connections are made between theory and practice using contextual factors of teaching within the supervised clinical experience. Implementation of assessments, and instructional practices to include integration of literacy instruction in the content areas. Prerequisite: admission to the professional program. Corequisite: EDEC U469.

**EDEC U469. Directed Teaching in Early Childhood Education (12)** A supervised clinical experience, consisting of 14 weeks in an early childhood grades (4K-3) placement in a public school. This experience includes an exploration of legal and ethical issues, research through analysis and evaluation of teaching, and completion of a professional portfolio. Prerequisite: approved application for directed teaching. Corequisite: EDEC U468. Pass/fail credit.

## **ELEMENTARY EDUCATION (EDEL)**

**EDEL U398. Topics in Elementary Education (1-3)** Prerequisites: junior standing and consent of instructor.

**EDEL U399. Independent Study (3)** Prerequisites: junior standing and consent of instructor.

**EDEL U441. Curriculum and Teaching in the Elementary School (3)** An introduction to teaching (grades 2-6) including lesson and unit planning, reflective writing, grouping and various aspects of the curriculum. Professional Portfolio and Teacher Work Sample will be introduced. Prerequisite: admission to the professional program. Corequisites: EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442.

**EDEL U446. Teaching Mathematics in the Elementary School (3)** Materials, resources, programs and methods for teaching mathematics in grades 2-6. Included are supervised practicum experiences which promote reflective teaching in elementary school settings. Prerequisites: admission to the professional program and MATH U231, MATH U232, MATH U233, EDEL U441, EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U448, EDEL U447, EDEL U460, EDRE U443, EDRE U444.

**EDEL U447. Teaching Social Studies in the Elementary School (3)** Materials, resources, programs, and methods for teaching social studies in grades 2-6. Included are supervised practicum experiences which promote reflective teaching in elementary school settings. Prerequisites: admission to the professional program and EDFO U483, EDFO U487, EDEL U441, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U446, EDEL U448, EDEL U460, EDRE U443, EDRE U444.

**EDEL U448. Teaching Science in the Elementary School (3)** Materials, resources, programs, and methods for teaching science in grades 2-6. Included are supervised practicum experiences which promote reflective teaching in elementary school settings. Prerequisites: admission to the professional program and EDEL U441, EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U460, EDEL U446, EDEL U447, EDRE U443, EDRE U444.

**EDEL U450. Fine Arts in the Elementary School Curriculum (3)** Exploring both content and methods for enriching all subject areas in the elementary classroom through the visual arts, drama, dance/movement, and music. Prerequisites: admission to the professional program. Corequisites: EDEL U441, EDFO U487, EDFO U483, EDEL U455, EDRE U442.

**EDEL U455. Clinical I in Elementary Education (2)** Supervised clinical experience in elementary settings. Observation and participation in diverse classroom settings is required with a focus on observation of students and teachers, analysis of classroom organization and management, use of technology to enhance learning, and implementation of lessons. Seminars and group discussions included. Four laboratory hours per week. Prerequisites: admission to the professional program. Corequisites: EDEL U441, EDFO U487, EDFO U483, EDEL U450, EDRE U442.

**EDEL U460. Clinical II in Elementary Education (2)** Supervised clinical experience in elementary settings. Requires assessment of K-12 students with interpretation of assessments, lesson planning based on assessments, implementation of lessons in science, math, and literacy with attention to reading and writing in the content areas. Reflections on teaching and K-12 student learning explored in group discussions and seminars. Four laboratory hours per week required. Prerequisites: admission to the professional program and EDEL U441, EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U448, EDEL U447, EDEL U446, EDRE U443, EDRE U444 or candidacy in the Learning Disability Program.

**EDEL U468. Directed Teaching in the Elementary School (12)** A supervised clinical experience consisting of 15 weeks in an elementary school setting (grades 2-6). Full-time teaching responsibilities assumed over time. Prerequisite: approved application for directed teaching. Corequisite: EDEL U469. Pass/fail credit.

**EDEL U469. Elementary Education: Issues and Trends (3)** Capstone seminar for teacher candidates completing directed teaching. Major project required. Prerequisite: admission to the professional program; approved application for directed teaching. Corequisite: EDEL U468.

### **FOUNDATIONS OF EDUCATION (EDFO)**

**EDFO U200. Teacher Education Colloquium (0)** Introduction to the teacher education program policies, assessment system procedures, and professional dispositions. Required before admission to the Art, Early Childhood, Elementary, Middle Level, Learning Disability, Physical Education, and Secondary Education Programs. Pass/fail credit.

**EDFO U201. Praxis I Preparation (1)** Simulated Praxis I test preparation in the areas of reading, writing and mathematics. Prerequisite: for declared education majors only. Pass/fail credit.

**EDFO U210. Foundations of Education (3)** The art and science of teaching. A comprehensive examination of the social, historical, and philosophical influences that have shaped educational policies and practices in the USA with special emphasis on legal and ethical aspects of education.

**EDFO U298. Service Learning for Teaching Fellows (1-3)** Supervised clinical experience in elementary, middle, or secondary setting. Observation and reflective journal is required with a focus on instruction and classroom environment. Prerequisite: Teaching Fellows Only.

**EDFO U333. Educational Development of the Lifelong Learner (3)** Applications of psychology of learning and motivation to patterns of social, emotional, physical and intellectual development, and their relationship to teaching of children, adolescents, and adults.

**EDFO U341. Introduction to Exceptional Learners/Special Education (3)** Theoretical and practical approaches to the education of the young exceptional child with emphasis on current remedial procedures. Included are alternative administrative arrangements and sources of academic therapy. Supervised field experiences are included.

**EDFO U397. Minor in Education Seminar (3)** Includes review of the research and documentation processes. Following discussion of contemporary issues in American Education, in collaboration with and with the approval of the course instructor, students will identify an education-related topic to research. Students then conceptualize, design, write and present their research. The topic must integrate and extend knowledge learned in other courses taken as part of the minor. Open only to students with a declared minor in education. Prerequisite: 12 hours of coursework completed in the Education minor, to include EDFO U210.

**EDFO U483. Organization and Management of the Diverse Classroom (3)** Structuring of physical, social, and instructional environment to maxi-

mize learning in a diverse classroom. Candidates develop a comprehensive understanding of both practice and reactive approaches to management with attention to culturally diverse settings. Behaviorist and constructivist approaches, inclusive education and conflict resolution are components of this course. Prerequisites: Admission to the professional program. Corequisites: EDEL U441, EDFO U487, EDEL U455, EDEL U450, EDRE U442; or candidacy in the Learning Disability Program.

**EDFO U485. Diversity, Management, and Assessment (3)** The dynamic relationships among classroom diversity, management, instruction, and assessment. Through field experiences and reflection, students develop knowledge and skills in the interaction of these classroom elements. Prerequisite: Admission to the professional program. Corequisites: EDEC U410, U420, U422, and U445 for Early Childhood majors only.

**EDFO U487. Student, Teacher, and School Assessment (3)** Formal and informal assessment of elementary age students as well as teachers and schools. Attention is given to the appropriate uses of standardized testing as well as teacher made assessments with particular emphasis on the interpretation of test results and their relationship to instructional goals. Consideration is also be given to the issue of accountability and appropriate options for evaluating teachers and schools. Prerequisite: Admission to the professional program. Corequisites: EDEL U441, EDEL U455, EDFO U483, EDEL U450, EDRE U442.

### **HEALTH EDUCATION (EDHL)**

**EDHL U170. First Aid (1)** Instruction leading to basic certification in standard first aid and cardiopulmonary resuscitation. Discussion of HIV/AIDS and back injury prevention is also included.

**EDHL U221. Lifelong Health and Wellness (3)** Wellness and fitness trends in America. Self-assessment of health status concepts, human sexuality, health promotion strategies (physical fitness, stress management, nutrition, weight control) and health maintenance of major life style diseases (Cardiovascular disease, cancer, diabetes mellitus, HIV, substance abuse).

**EDHL U331. Health and Physical Education for the Elementary School Child (3)** Methods and materials for teaching health and physical education in the elementary school including integration and correlation of materials with other subjects at primary and intermediate grade levels.

**EDHL U334. The School Health Program (3)** Methods of teaching health with special emphasis on the relationship of health to physical education. Health service, healthful school living, and method and materials of teaching health are included. Prerequisites: EDHL U221 and BIOL U232.

### **SPECIAL EDUCATION: LEARNING DISABILITY (EDLD)**

**EDLD U410. Methods of Teaching Students with LD (3)** Instructional strategies and practice for teaching learners with LD. Prerequisite: admission to professional program. Corequisites: EDLD U411, EDLD U412.

**EDLD U411. Practicum in Learning Disabilities I (1)** Application of teaching methods in a special education classroom setting. Prerequisite: admission to professional program. Corequisites: EDLD U410, EDLD U412.

**EDLD U412. Characteristics of Students with LD (3)** Characteristics of students who have learning disabilities which are manifested in instructional settings. Specific characteristics that are factors in developing comprehensive, longitudinal individualized programs as well as guidelines regarding LD referral, assessment and placement procedures will be presented. Prerequisite: admission to the professional program. Corequisite: EDLD U410, EDLD U411.

**EDLD U414. Individualized Curriculum for Students with Disabilities (3)** The various etiologies of conditions affecting students with mild/moderate disabilities. Cognitive characteristics of learners with mild/moderate disabilities and the impact on language development, academic performance, social skills, and emotional behavior will be included. Prerequisite: EDLD U412. Corequisites: EDCI U402; EDLD U483; EDLD U440.

**EDLD U415. Reading Disorders and Reading Methods (3)** Specific methods designed to facilitate the development of reading skills of students with learning disabilities. A practicum experience is required. Prerequisite: Admission to the professional program. Corequisites: EDLD U425 and U445 for LD program majors.

**EDLD U425. Practicum in Reading and Language (1)** Linguistic and reading needs in the special education classroom setting. Prerequisite: admission to professional program. Corequisites: EDLD U415, EDLD U445.

**EDLD U440. Practicum in the Instruction of Students with Disabilities II (1-3)** Sequencing, implementing, and evaluating individual learning objectives in a professional setting. Students will select, adapt, and use instructional strategies and materials according to characteristics of the learner. Prerequisite: Admission to the professional program. Corequisites: EDLD U414, EDLD U483, EDLD U485.

**EDLD U445. Language Disorders and Language Arts Methods (2)** Specific methods designed to facilitate the development of oral and written language skills among students with learning disabilities. Prerequisite: Admission to the professional program. Corequisite: EDLD U415 and U425.

**EDLD U446. Math Disabilities and Math Methods (3)** Learning disability specific methods designed to facilitate the development of mathematics concepts and skills. A practicum experience is required. Prerequisites: MATH U231, MATH U232, MATH U233 and admission to the professional program. Corequisites: EDLD U410; EDLD U412.

**EDLD U449. Issues and Trends in Exceptionalities (3)** The philosophical, historical, and legal foundations of special education that connect with current issues and trends in special education. Prerequisite: admission to professional program. Corequisite: EDLD U470.

**EDLD U470. Directed Teaching of Students with Learning Disabilities (12)** A supervised clinical experience, consisting of 14 weeks with 50 percent in a special education resource classroom and the remaining 50 percent in an inclusive regular classroom. The experience includes an

exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: approved application for directed teaching. Corequisite: EDLD U449. For pass/fail credit.

**EDLD U483. Assessment of Students with Disabilities (3)** The techniques and practices of diagnostic assessment, including ethical concerns and legal provisions/guidelines. Emphasis is on identifying typical, delayed, and disordered communication and reasoning patterns of individuals with exceptional learning needs. Prerequisite: EDLD U412. Corequisites: EDCI U402; EDLD U414; EDLD U440.

**EDLD U485. Behavior Management in Special Education (3)** Functional assessments, behavior intervention plans and positive social, emotional, and behavioral support strategies. Prerequisite: Admission to professional program.

## MUSIC EDUCATION (EDMU)

**EDMU U354. Music for Elementary and Middle Schools (3)** The integration of music into the elementary and middle school curriculum. An holistic approach to music as personal expression, aesthetic perception, critical analysis, and music as it influences cultural heritage.

## PHYSICAL EDUCATION (EDPH)

**EDPH U118. Strength Training Techniques for Coaches (1)** Learning and teaching of common resistance training exercises and methods for future athletic coaches. Understanding of the program design process, interaction and communication among athletic coaches, athletic trainers, and strength coaches is discussed.

**EDPH U121. Golf (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**EDPH U122. Tennis (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**EDPH U123. Snow Skiing (1)** Basic maneuvers of conditioning, turning stopping, and selection and care of equipment and clothing. Pass/fail credit.

**EDPH U124. Walk/Jog/Run (1)** Develop and carry out a personalized walking, jogging or running program by applying information on equipment selection, physiology, mechanics, psychology, training principles, conditioning, program guidelines, environmental concerns, nutritional guidelines, and injury prevention. Pass/fail credit.

**EDPH U125. Combatives (1)** Skill development, strategy, knowledge of rules, scoring, and tournament competition in wrestling, judo, karate, and boxing. Pass/fail credit.

**EDPH U126. Introduction to SCUBA Diving (1)** Basic techniques and skill development, care of equipment, and the principles and practices of safe SCUBA diving. Prerequisite: Ability to swim. Pass/fail credit.

**EDPH U127. Handball and Racquetball (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.



**EDPH U128. Group Fitness (1)** Participation and development of group fitness routines. A variety of approaches to group fitness will be introduced, based on current trends in the industry. Students will be required to participate consistently as well as create and teach a brief routine in the chosen format. Pass/fail credit.

**EDPH U129. Yoga (1)** Flexibility training and strength development through participation in low impact movements with an emphasis on mind-body fitness. Pass/fail credit.

**EDPH U130. Bowling (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**EDPH U131. Badminton (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**EDPH U132. Basketball (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**EDPH U133. RAD Self-Defense (1)** Development and enhancement of self defense options for victims of physical aggression. Pass/fail credit.

**EDPH U140. Adult Recreational Sports (1)** Methods and materials for teaching activities of carry-over value adaptable to junior and senior high facilities. Such activities as boating, fishing, hunting, camping, backpacking, skiing, and recreational games are included. Pass/fail credit.

**EDPH U141. Adventure Programming on a Ropes Course (1)** Participation and development of specific group and individual attitudes and skills through the use of low and high elements of the USC Upstate ropes course. Pass/fail credit.

**EDPH U142. Advanced Ropes Course Skills and Standards (1)** Advanced certification as ropes course facilitator. Knowledge and experience in the setup, spotting, and safety practices employed in state-of-the-art ropes course uses. Prerequisite: EDPH U141. Pass/fail credit.

**EDPH U143. Outdoor Climbing and Rappelling (1)** Skill development, safety, spotting, safety practices, and knowledge of and use of proper equipment. Pass/fail credit.

**EDPH U165. Officiating of Sports (1)** Rules, officiating techniques, and problems arising in officiating, with emphasis on major team sports.

**EDPH U180. Swimming (1)** Skill development, basic strokes, elementary diving, knowledge of water and pool safety. Pass/fail credit.

**EDPH U200. Foundations of Physical Education (3)** The scope of the physical education field, historical background, principles, philosophy, current issues, professional leadership and publications.

**EDPH U223. Advanced Snow Skiing (1)** Pole plant location, moguls, planning line, constant turns, and advanced trail skiing. Prerequisite: ability to snow ski. Pass/fail credit.

**EDPH U235. Dance and Gymnastics (3)** Skills analysis, methods and techniques for organizing and teaching dance, gymnastics and tumbling, including opportunities for peer teaching experience.

**EDPH U242. Principles of Recreation (3)** The significance and meaning of leisure in modern society, theories of play, the recreational movement in the U.S., and programs of recreation in the school, community and industry.

**EDPH U280. Swimming and Water Safety (1)** The teaching of swimming and water safety, skill mastery, lifesaving, pool hygiene, management, and safety. For advanced swimmers. Pass/fail credit.

**EDPH U304. Motor Learning and Development (3)** Processes associated with acquisition of psychomotor skill and the neuromuscular function involved in the control of movement. The application of the developmental processes as it relates to motor learning is also explored. A practicum is required. Prerequisite: EDPH U200.

**EDPH U312. Teaching Secondary Physical Education (4)** Orientation to teaching physical education in grades 6-12. Emphasis is on teaching styles, methods and curriculum. A practicum in the public schools is required. Prerequisites: EDPH U200, junior standing, and Physical Education majors only, or consent of instructor.

**EDPH U315. Outdoor Sports (3)** Study of outdoor sports and pursuits. Includes participation in the scope and sequence of skill development in at least two outdoor sports, including hiking, backpacking, orienteering, survival skills, geocaching, and rock climbing.

**EDPH U318. Sport Ethics (3)** Understanding the moral and ethical issues in sport. A focus on coaches, athletic directors, league directors, athletes, parents, etc. and their ethical and moral responsibilities as it pertains to sport. Issues such as health and safety of athletes, Title IX, recruiting of athletes, use of performance-enhancing drugs as well as other current events will be examined.

**EDPH U320. Team Sports I (3)** Skills for basketball, flag football, and team building games. Students will learn proper skill progressions, techniques that are used to link fundamental movement with sports skills, and how to evolve simple strategies into more complex game play.

**EDPH U325. Principles of Coaching (3)**. General understanding of the philosophies and ideologies of coaching. Includes in-depth research based discussion on coaching responsibilities related to: motivation, discipline, sportsmanship, development of the whole student athlete as a person, organization, game management, and the coach as a teacher. Students are required to complete the American Sport Education Program's "Coaching Principles" exam, and if successful, will receive ASEP certification in Coaching Principles and be listed in the National Coaches Registry.

**EDPH U327. Practicum in Coaching (2)**. Guided practical experience in an athletic team setting. Requires 35 hours of volunteer coaching to be determined by the student with the instructor's permission. Prerequisites: EDPH U318 and EDPH U325.

**EDPH U395. Special Topics (3)** Selected topics in Exercise and Sport Science. Topics vary depending on faculty expertise. This course may be repeated for credit if the topic is different. Prerequisites: junior standing, or permission of instructor.

**EDPH U399. Independent Study (1-3)** Topics assigned and approved by adviser, instructor and dean.

**EDPH U405. Teaching Elementary Physical Education (4)** Orientation to teaching physical education in grades PreK-5. Emphasis is on teaching styles, methods and curriculum. A practicum in the public schools is required. Prerequisites: admission to the professional program and EDPH U312, or consent of instructor.

**EDPH U415. Individual Sports (3)** Skills for golf, tennis, and inline skating. Students will learn proper skill progressions, techniques that are used to link fundamental movement with sports skills, and how to evolve simple strategies into more complex game play.

**EDPH U420. Team Sports II (3)** Skills for volleyball, softball and soccer. Students will learn proper skill progressions, techniques that are used to link fundamental movement with sports skills, and how to evolve simple strategies into more complex game play. Prerequisites: admission to the professional program, EDPH U200, or consent of instructor.

**EDPH U445. Measurement and Evaluation of Physical Education (3)** History, basic statistical techniques utilized in scoring and interpreting tests, evaluation of measures now available in the field, and the administration of a testing program. Prerequisites: admission to the professional program and MATH U102 or PSYC U225 or SOCY U220.

**EDPH U450. Clinical Experience (1)** A supervised clinical experience in a selected physical education setting designed to address any deficit in the required 100 hours of pre-student teaching practicum experience. Prerequisites: permission of the instructor.

**EDPH U453. Organization and Administration of Physical Education (3)** Organization and management of instructional, intramural, interscholastic, and recreational programs, with emphasis on criteria for the selection and evaluation of activities. Prerequisites: admission to the professional program.

**EDPH U460. Issues and Trends in Physical Education (3)** Student reflection on the incorporation of accumulated knowledge into their student teaching clinical through the creation of the Teacher Work Sample. Prerequisite: admission to Directed Student Teaching. Corequisite: EDPH U479.

**EDPH U462. Physical Education for the Exceptional Child (3)** Programs of developmental activity and guidance for students with restrictive disabilities. Included are techniques for appraising students with faulty body mechanics, orthopedic defects, and other atypical physical conditions along with methods of handling, within the regular physical education class, the various handicaps commonly found in the schools. Prerequisite: Admission to the professional program.

**EDPH U479. Directed Teaching in Physical Education (12)** A supervised clinical experience normally consisting of seven weeks in an elementary school and seven weeks in a secondary school. The experience includes exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: Approved application for directed teaching. Corequisite: EDPH U460. Pass/fail credit.

**EDPH U485. Senior Seminar (1)** The integration of knowledge of recreation and individual professional activity at an advanced level utilizing research, oral presentation, a series of discussions, conferences, and role-playing experiences related to the various aspects of organized recreation as a career. Internships, employment opportunities, ethical issues, and other related topics are reviewed.

## READING EDUCATION (EDRE)

**EDRE U315. Foundations of Reading (3)** An overview of reading and writing theories and processes. Emphasis is placed on developing candidates knowledge and understanding of the linguistic, cognitive, and social foundations of literacy instruction in grades 6-12. Prerequisite: ENGL U102.

**EDRE U384. Children's Literature (3)** Exploration of a wide variety of genres of children's literature to become more knowledgeable in the ability to select, read and respond to children's literature. Development of expertise in using children's literature in educational settings and examination of the ways readers interact with texts and each other to make meaning while reading and discussing texts. Prerequisite: ENGL U102.

**EDRE U414. Emergent and Early Literacy I (3)** Teaching children to read and write through research-based theoretical and instructional approaches; a diversity of resources; and a balanced, integrated, and comprehensive curriculum. Research on literacy acquisition in first and second languages is explored. Procedures, instructional strategies, materials, programs, curriculum plans, and assessment techniques for developing readers and writers are investigated. Prerequisite: admission to the professional program. Prerequisites: admission to the professional program and EDEC U410, U420, U422, U424, U445, EDFO U485. Corequisites: EDEC U416, U440, U446, U447, U448.

**EDRE U416. Emergent and Early Literacy II (3)** Teaching children to read and write through theoretical and instructional processes children encounter when learning to read and write in the content areas. Research on the expected acquisition of literacy processes typically found in the preprimary and primary school years are explored. Instructional strategies, materials, programs, and assessment techniques for developing readers and writers are investigated. Corequisites: EDEC U440, U446, U447, U448, EDRE U414.

**EDRE U418. Literacy in the Middle and Secondary School (3)** The significance of literacy as it relates to all content areas. The focus is on strategies for making any text material more accessible to the student, and attention is given to matching the learner and the learning. Prerequisites: admission to the professional program; for middle and secondary education, EDRE U315. Corequisite: EDSC U440, EDSC U441 or U442, EDSC U443; for candidates in physical education, EDPH U312 or EDPH U405; for candidates in art education, ARTE U450.

**EDRE U442. Literacy I: Learning to Read and Write (3)** Scaffolding reading and writing development for the young child. Teaching candidates review the essentials of language development and focus on the transition from oral language to initial reading and writing. Effective strategies and materials for nurturing literacy development of children ages 5-7 are emphasized. Prerequisites: admission to the professional program and EDRE

U384. Corequisites: EDEL U441, EDFO U487, EDEL U455, EDEL U450, EDFO U483; or candidacy in the Learning Disability program.

**EDRE U443. Literacy II: Reading and Writing to Learn (3)** Scaffolding reading and writing development of the elementary and middle grades student. Teaching candidates focus on the transition from initial reading and writing to reading and writing in the content areas. Effective strategies and materials for nurturing literacy development in children ages 8-12 are emphasized. Prerequisites: admission to the professional program, EDEL U441, EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U448, EDEL U447, EDEL U460, EDEL U446, EDRE U444; or candidacy in the Learning Disability Program and EDRE U442.

**EDRE U444. Literacy III: Addressing Reading and Writing Problems (3)** Scaffolding reading and writing development for learners experiencing difficulty. Teaching candidates investigate assessments, strategies, and programs appropriate for children with literacy problems including learners from diverse backgrounds and children with special needs. Prerequisites: admission to the professional program and EDEL U441, EDFO U483, EDFO U487, EDEL U450, EDEL U455, EDRE U442. Corequisites: EDEL U448, EDEL U447, EDEL U460, EDEL U446, EDRE U443.

## SECONDARY EDUCATION (EDSC)

**EDSC U333. Middle Level/Secondary Education Adolescent Development (3)** Applications of psychology of learning and motivation to patterns of social, emotional, physical and intellectual development and their relationships to teaching adolescent learners.

**EDSC U344. Managing the Middle Level/Secondary Classroom Environment (3)** Principles of effective classroom management and strategies to promote positive relationships, cooperation and purposeful learning.

**EDSC U398. Topics in Secondary Education (1-3)** Prerequisites: junior standing and consent of instructor.

**EDSC U399. Independent Study (3)** Prerequisites: junior standing and consent of instructor.

**EDSC U440. Clinical I in Middle Level/Secondary Education (2)** Supervised clinical experience in middle or secondary school setting. Observation and participation in classroom settings is required with a focus on assessment including formal, informal, authentic, high stakes (PASS, end-of-course exams, etc.), and collaborative (team meeting) assessments as appropriate. Seminars and group discussions included. Prerequisites: EDFO U341, EDSC U342, EDSC U344 and admission to the professional program. Corequisites: EDSC U441 or U442, EDSC U443 and EDRE U418.

**EDSC U441. Middle Level Curriculum and Methodology (3)** An overview of the major concepts, principles, theories and research related to effective curriculum, instruction, and assessment to meet the varying abilities and learning styles of middle school students. Students explore a variety of teaching, learning and assessment strategies along with developmentally responsive materials and resources used to facilitate appropriate learning experiences in middle school settings. The focus is on curriculum needs for middle grades, the transitional function of the middle school, and middle

school organization and management. Core topics include unit and lesson planning, evaluation of student performance, multicultural educational issues and teacher effectiveness evaluation. Prerequisites: EDFO U341 and admission to the professional program. Corequisite: EDSC U440, EDSC U443 and EDRE U418.

**EDSC U442. Secondary School Curriculum and Methodology (3)** An overview of the major concepts, principles, theories and research related to effective curriculum, instruction, and assessment to meet the varying abilities and learning styles of secondary school students. Students explore a variety of teaching, learning and assessment strategies along with developmentally responsive materials and resources used to facilitate appropriate learning experiences in secondary school settings. Curriculum needs for secondary grades, the newly emerging function of the high school in work/post-secondary education preparation, and secondary school organization and management are addressed. Core topics include unit and lesson planning, evaluation of student performance, multicultural educational issues and teacher effectiveness evaluation. Prerequisites: EDFO U341 and admission to the professional program. Corequisite: EDSC U440, EDSC U443 and EDRE U418.

**EDSC U443. Middle Level/Secondary Educational Assessment (2)** An overview of educational assessment including types, characteristics, scoring and appropriate uses of assessments. Understanding measurement theory and assessment related issues. Interpretation and communication of results of assessments. Prerequisites: EDFO U341 and admission to the professional program. Corequisite: EDSC U440, EDSC U441 or U442.

**EDSC U445. Teaching Middle and Secondary English/Language Arts (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in middle and secondary schools, including instructional planning and delivery of instruction. Supervised practicum experiences are designed to promote reflective teaching in middle and secondary school settings. Prerequisites: EDSC U440, EDSC U441 or EDSC U442 and admission to the professional program. Corequisite: EDSC U450.

**EDSC U446. Teaching Middle and Secondary Mathematics (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools, including instructional planning and delivery of instruction. Supervised practicum experiences are designed to promote reflective teaching in middle and secondary school settings. Prerequisites: EDSC U440, EDSC U441 or EDSC U442 and admission to the professional program. Corequisite: EDSC U450.

**EDSC U447. Teaching Middle and Secondary Social Studies (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in middle and secondary schools, including instructional planning and delivery of instruction. Supervised practicum experiences are designed to promote reflective teaching in middle and secondary school settings. Prerequisites: EDSC U440, EDSC U441 or EDSC U442, and admission to the professional program. Corequisite: EDSC U450.

**EDSC U448. Teaching Middle and Secondary Science (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in middle and secondary schools, including instructional planning and delivery of instruction. Supervised practicum experiences are designed to promote reflective teaching in middle and secondary school settings. Prerequisites: EDSC U440, EDSC U441 or EDSC U442 and admission to the

professional program. Corequisite: EDSC U450.

**EDSC U449. Teaching Foreign Language in Secondary Schools (3)**

Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings, are included. Prerequisites: EDSC U440, EDSC U441 or EDSC U442 and admission to the professional program. Corequisite: EDSC U450.

**EDSC U450. Clinical II in Middle Level/Secondary Education (2)**

Supervised clinical experience in middle or secondary school setting. Observation and participation in classroom settings is required with a focus on classroom management and conflict resolution. Seminars and group discussions included. Prerequisites: EDSC U344, EDSC U440, EDSC U441 or EDSC U442, EDSC U443, EDRE U418 and admission to the professional program. Corequisites: EDSC U445, U446, U447, U448 and/or U449.

**EDSC U473. Directed Teaching in Secondary School English (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 9-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U474. Directed Teaching in Secondary School Foreign Language (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 9-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U475. Directed Teaching in Secondary School History and Social Studies (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 9-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U478. Directed Teaching in Secondary School Mathematics (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 9-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U480. Directed Teaching in the Middle School (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 5-8 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 educa-

tion; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U481. Directed Teaching in Secondary School Natural Science (12)**

A supervised clinical experience consisting of 14 weeks in secondary school settings. Candidates participate in regular seminars where they (1) analyze problems relating to their grade 9-12 experiences; (2) explore ethical and legal issues related to teaching; (3) consider current issues and trends in K-12 education; and (4) complete their professional portfolios. Prerequisite: approved application for directed teaching. Corequisite: EDSC U485. Pass/fail credit.

**EDSC U485. Middle Level/Secondary Education: Issues and Trends (3)**

Capstone experience intended to provide an opportunity for teacher candidates to examine legal and ethical issues as well as current issues and trends in middle level/secondary education. Candidates will reflect upon what was learned. Major project required. Prerequisites: admission to the professional program, approved application for directed teaching. Corequisite: EDSC U473, U474, U475, U478, U480 or U481.

## EDUCATION AND TECHNOLOGY (EDTC)

**EDTC U420. Information Systems in Education (3)**

The application of information systems to a variety of educational settings. Topics include policy issues directing the design and implementation of education information systems, particularly data collecting and reporting protocols required for compliance with local, state, and federal mandates. Prerequisites: EDFO U210, EDFO U333, EDFO U341; or consent of instructor.

**EDTC U430. Instructional Design and Methods for Information Systems Training (3)**

Design and delivery of training programs for users of information systems and related technologies. Activities include the production of training materials, management of instructional time and selection of appropriate resources. Methods for the assessment and evaluation of the instructional materials and outcomes are an integral part of this course. Prerequisites: EDFO U210, EDFO U333, EDFO U341; or consent of instructor.

**EDTC U497. Information Systems Education Internship (3)**

Supervised work experience in a district office and other administrative school sites. Emphasis is on the design, implementation, and service of information systems integral to the sponsoring school and district. The individualized course of study is designed to meet pre-established learning objectives. A "work practice" plan is required and must be approved by the sponsoring organization and the course instructor. Prerequisites: EDFO U210, EDFO U333, EDFO U341; or consent of instructor.

## ENGINEERING (ENCP)

**ENCP U101. Introduction to Engineering I (3)**

Introduction to the engineering profession, professional concepts, ethics, and responsibility; review of the number system and unit conversions; and introduction to computer programs. Coursework integrates the following important skills: technical problem solving and engineering design, ethical decision-making, teamwork,

and communicating to diverse audiences. Prerequisite: Completion of MATH U121 or higher or placement into at least MATH U126.

**ENCP U102. Introduction to Engineering II (3)** Introduction to basic concepts in engineering graphics as a means of communication, including sketching, orthographic projections, descriptive modeling, and computer graphics.

## ENGLISH LANGUAGE AND LITERATURE (ENGL)

**Note: The completion of ENGL U102 or the equivalent is prerequisite to enrollment in all higher level English courses.**

*Advanced standing in freshman English classes may be achieved through appropriate scores on Advanced Placement (AP) tests, passing of appropriate College Level Examination Program (CLEP) tests, or institutional credit by examination. Details may be found in appropriate sections of this catalog or in consultation with the chair of the **Division of Languages, Literature, and Composition**.*

*Courses are offered in rotation. If you are interested in a particular course, check with the department chair to see when it will be offered.*

**ENGL U101. Composition I (3)** Instruction and practice in academic writing, critical reading and research. Attention is given to planning, drafting, revising, and editing a variety of texts. For students whose placement testing indicates a need for more intensive study, English 101A with a noncredit lab is mandatory to provide supplemental instruction and practice in writing.

**ENGL U102. Composition II (3)** Continued instruction in composition, building on skills introduced in English 101. Attention is given to writing for specific audiences, reading and analyzing challenging texts, and synthesizing academic sources in writing. Prerequisite: ENGL U101.

**ENGL U208. Introduction to Creative Writing (3)** Beginning writing workshop. Writers gain experience in genres of poetry, fiction, and non-fiction.

**ENGL U240. Interpreting Popular Culture (3)** Close reading and textual analysis of popular literature, television, film graphic novels, video games, animation, popular music, YouTube, and other mass culture phenomena with an emphasis on cultural studies methodologies for understanding content, form, genre, and literary influences. Popular culture examples will be chosen to reflect current popular trends. ENGL U240/U340 will be offered concurrently. The reading and writing assignments for ENGL U340 will be longer and more intensive. Students may not enroll for both courses.

**ENGL U245. Business Writing (3)** Developing communication skills for the successful professional. Students reflect and apply principles of appropriate content, style and format for memos, letters, reports, resumes, interviews and presentations.

**ENGL U250. Selected English Studies Abroad (3-6)** A selection of literature written in English or world literature in translation, together with cultural immersion relevant to course texts.

**ENGL U252. Understanding English Grammar (3)** Intensive review of

grammatical principles and mechanics of English with emphasis on exploration and discovery of principles of English grammar usage.

**ENGL U275. Masterpieces of World Literature (3)** Selections from the literature of western and non-western cultures from ancient to modern times.

**ENGL U279. Survey of American Literature I (3)** American poetry, drama, and prose from colonial times to 1865. ENGL U279/U379 will be offered concurrently. The reading and writing assignments for ENGL U379 will be longer and the standards for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U280. Survey of American Literature II (3)** American poetry, drama, and prose from 1866 to the present. ENGL U280/U380 will be offered concurrently. The reading and writing assignments for ENGL U380 will be longer and the standards for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U283. Native American Literature (3)** Selected readings by Native American writers, including novels, short stories and poetry. ENGL U283/ENGL U383 will be offered concurrently. The reading and writing assignments for students taking ENGL U383 will be longer and the standard for grading will be more demanding. Students may not enroll for both courses.

**ENGL U289. Survey of British Literature I (3)** British poetry, drama, and prose from the Old English Period to 1797.

**ENGL U290. Survey of British Literature II (3)** British poetry, drama, and prose from 1798 to the present.

**ENGL U291. African American Literature (3)** A survey of writings by African American authors. The literary types studied may vary. English U291/U391 will be offered concurrently. The reading and writing assignments for students enrolled in ENGL U391 will be longer and the standard for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U300. Introduction to the Study of Literature (3)** Terminology and methods for the study of literature and criticism, involving the scrutiny of primary and secondary text as well as independent research. Required for English majors. Students who wish to major in English should complete this course before enrolling in English courses above U301.

**ENGL U301. Mythical, Classical, and Biblical Backgrounds (3)** Central myths and stories of classical and biblical traditions. Myths, characters, narrative patterns, archetypes, and the ways classical texts have shaped imaginative literature are addressed.

**ENGL U308. Intermediate Workshop in Creative Writing (3)** Further experience in writing poetry, fiction, and non-fiction. Prerequisite: ENGL U208 or consent of instructor.

**ENGL U318. Writing in Digital Environments (3)** Using and evaluating a variety of digital tools to research, draft, revise, edit, and publish texts in diverse media. Prerequisites: CSCI U138 or EDCI U120.

**ENGL U319. Development of the Novel (3)** A critical and historical study of the novel surveying major novels and novelists and illustrating the

characteristics of the genre, its historical development, and its reflection of significant literary periods and movements.

**ENGL U320. Development of Short Fiction (3)** A critical and historical study of short fiction surveying the genre and illustrating its characteristics, historical development, and reflection of significant literary periods.

**ENGL U322. Contemporary Literature (3)** Comparative works by contemporary world writers.

**ENGL U329. Development of Poetry (3)** The development of poetry as a genre and art form. Major periods, movements, and poets from Western and world canons illustrate the richness of the poetic tradition.

**ENGL U330. Development of Drama (3)** The development of plays and playwrights. Plays from the classical period are explored, and the development of drama through its major movements to the present time is charted.

**ENGL U340. Interpreting Popular Culture (3)** Close reading and textual analysis of popular literature, television, film, graphic novels, video games, animation, popular music, YouTube, and other mass culture phenomena with an emphasis on cultural studies methodologies for understanding content, form, genre, and literary influences. Popular culture examples will be chosen to reflect current popular trends. ENGL U240/U340 will be offered concurrently. The reading and writing assignments for ENGL U340 will be longer and more intensive. Students may not enroll for both courses.

**ENGL U345. Topics in Professional Writing (3)** Advanced theory and practice of writing, editing, planning and communicating in professional contexts. Particular emphasis is placed on application of rhetorical principles for specialized audiences in the workplace. This course may be taken twice if the topic is different.

**ENGL U346. Technical Writing (3)** The writing of informative text and techniques for presenting it in appropriate formats. Particular emphasis is placed on creating concise texts which use pictures, charts, graphs, and other visuals to convey information to readers in fields such as computer science, engineering, medicine, industrial technology, and other professions.

**ENGL U347. Accessibility and Professional Writing (3)** The writing and design of documents in a professional environment with an emphasis on accessibility and usability. Particular emphasis is placed on universal design principles to create texts that may be used by a wide variety of audiences with a range of abilities. Prerequisite: ENGL U102.

**ENGL U348. Digital Storytelling (3)** Methodology, creation, and application of multimedia narrative and expository storytelling using digital technologies to combine images, video, art, text, music, and spoken word. Writing workshops will cover a variety of genres and provide opportunities to develop projects suitable for career, community, professional, and personal audiences. Prerequisite: ENGL U102.

**ENGL U350. Advanced Selected English Studies Abroad (3-6)** Role of locale in a selection of literature written in English or world literature in translation, together with cultural immersion relevant to course texts.

**ENGL U359. Advanced Written Argumentation (3)** Key principles and

concepts of understanding and composing complex arguments across the disciplines, with special focus given to arguments that shape public policy. Prerequisite: ENGL U102.

**ENGL U360. Editing the Literary Journal (1)** Principles, techniques and practice of editing a literary journal from selection to publication. Course may be repeated up to three times for a total of 3 credits. Prerequisites: ENGL U208 or ENGL U308 or consent of instructor.

**ENGL U362. Writing in the Fantasy Genre (3)** Principles, techniques and practice of writing science fiction, high fantasy, gothic and horror literature. Focus is on workshoping, critiquing and refining original fantasy compositions.

**ENGL U364. Fiction Workshop (3)** The principles, techniques, and practice of fiction composition. Prerequisites: ENGL U208 or ENGL U308.

**ENGL U366. Poetry Workshop (3)** The principles, techniques, and practice of composing verse. Focus is on extensive reading of and assigned writing experiments in a broad range of poetic forms. Prerequisites: ENGL U208 or U308.

**ENGL U368. Life Writing Workshop (3)** The practice, reading, and criticism of writing autobiographical prose.

**ENGL U370. Creative Nonfiction Workshop (3)** The practice, reading, and criticism of writing artistic nonfiction prose.

**ENGL U371. Grant Writing (3)** Writing effective expository text for grants and proposals. The skills of writing for a particular purpose and audience; conforming to stated guidelines; and using clear, concise language are emphasized.

**ENGL U375. Disability and Rhetoric (3)** Rhetorical analysis of perceptions of disability as expressed across various platforms of interpersonal and public discourse, both current and historical. Prerequisite: ENGL U102.

**ENGL U379. American Literature to 1865 for Teachers (3)** American poetry, drama, and prose from colonial times to 1865. ENGL U279/U379 will be offered concurrently. The reading and writing assignments for ENGL U379 will be longer and the standards for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U380. American Literature from 1865 for Teachers (3)** American poetry, drama, and prose from 1866 to the present. ENGL U280/U380 will be offered concurrently. The reading and writing assignments for ENGL U380 will be longer and the standards for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U383. Native American Literature (3)** Selected readings by Native American writers, including novels, short stories and poetry. ENGL U283/ENGL U383 will be offered concurrently. The reading and writing assignments for students taking ENGL U383 will be longer, and the standard for grading will be more demanding. Students may not enroll for both courses.

**ENGL U387. Topics in Literature, Culture and Difference (3)** Literature of groups that represent the diversity of authors writing in English with a

thematic emphasis on cultural identity. With each offering, a different group is selected and may include postcolonial writers, immigrant writers, writers with disabilities, women writers, or writers from regions of the English-speaking world beyond the U.S. and England. The literature selected varies based on the instructor's area of interest and expertise. This course may be taken twice if the topic is different.

**ENGL U388. Disability and Literature (3)** Representations of disability in historical or contemporary literary texts and their relationship to social policies and attitudes toward disabled people. Prerequisite: ENGL U102.

**ENGL U389. Gay and Lesbian Literature (3)** Literature by gay and lesbian authors with a major thematic focus on sexual identity.

**ENGL U391. African American Literature (3)** A survey of writings by African American writers. The literary types studied may vary. ENGL U291/ U391 will be offered concurrently. The reading and writing assignments for students enrolled in ENGL U391 will be longer and the standard for grading will be more demanding. Students may not receive credit for both courses.

**ENGL U397. Topics in Creative Writing (3)** Intensive experience and practice in writing selected types of poetry or prose.

**ENGL U398. Topics in Language and Literature (3)** Intensive study of selected topics.

**ENGL U399. Independent Study (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. In addition to writing required for a particular independent study project, a written report on work accomplished is required at the end of the term. Research involves both primary and secondary sources. May be repeated with the consent of the instructor and advisor for total of no more than six hours of undergraduate credit. Prerequisites: Junior or senior standing. GPA 2.0 overall, 2.5 in English courses. A minimum of six hours in English courses numbered U300 and above. Consent of the instructor and advisor. A university contract must be signed with all required signatures.

**ENGL U405. Shakespeare Survey (3)** A selection of comedies, histories, tragedies, and romances. Plays from the early and late periods of Shakespeare's career, including not only his most famous works but also his lesser known plays, are surveyed.

**ENGL U406. Studies in Shakespeare (3)** A critical approach to thematic, topical, or theoretical aspects of certain plays, narrative poems, and sonnets. The specific themes and area of focus may vary.

**ENGL U409. English Literature, 1500-1660 (3)** Poetry and prose of major Renaissance and Commonwealth writers.

**ENGL U412. British Literature, 1616-1798 (3)** Poetry, prose and drama of the Restoration and eighteenth century.

**ENGL U417. Romanticism (3)** The 18th century transition from classicism to romanticism, and the 19th century masters: Wordsworth, Coleridge, Byron, Shelley and Keats.

**ENGL U419. Victorian Literature (3)** Poetry and prose of major Victorian writers.

**ENGL U422. Modern and Contemporary World Drama (3)** European, American and world drama beginning in the late 19th century through the present.

**ENGL U423. British and Irish Modernism (3)** Poetry, prose and drama of representative writers in the Modernist period.

**ENGL U424. British and Anglophone Literature, 1945 to the Present (3)** Poetry, prose and drama of writers from the English-speaking world outside the United States.

**ENGL U425. American Literature, Beginnings to 1830 (3)** Colonial and revolutionary American writing with special attention to literary types and to the influence of religion and politics.

**ENGL U426. American Literature, 1830-1865 (3)** Readings in representative works.

**ENGL U427. American Literature, 1865-1910 (3)** Readings in representative works.

**ENGL U428. American Modernism (3)** Readings in representative works from the first half of the twentieth century.

**ENGL U429. Literature of the Harlem Renaissance (3)** Philosophy and literature of the New Negro movement of the 1920s, including works by Hughes, Hurston, Cullen, Fauset and McKay.

**ENGL U430. American Postmodernism (3)** Readings in representative works from after World War II.

**ENGL U436. Science Fiction Literature (3)** Representative science fiction from the beginnings of the genre to the present.

**ENGL U437. Women Writers (3)** Representative works written by women.

**ENGL U447. Southern Literature (3)** An historical and critical survey of selected works of Simms, Lanier, Cable, Harris, Wolfe, Faulkner, O'Connor, Johnson, Wright, McCullers, and other southern writers.

**ENGL U451. Introduction to Linguistics (3)** An overview of language and linguistics oriented toward language as a reflection of the structure of the human mind and human society. Phonetics, phonology, morphology, syntax and semantics and how they relate to linguistic theory, to issues of language use, to questions of language in the social context, and to issues of language acquisition and language learning are emphasized.

**ENGL U453. Development of the English Language (3)** History and evolution of the English language reflecting changes in phonetics, semantics, morphology, and syntax, as well as assembly of dictionaries.

**ENGL U459. Theories of Rhetoric and Composition (3)** The theory and principles of rhetoric and the application of these principles to con-

temporary public rhetoric and to the student's own thinking and writing. Special emphasis will be given to analyzing and composing texts aimed at persuading diverse audiences.

**ENGL U468. Advanced Creative Writing (3)** Discussion and criticism of original student manuscripts in the student's genre of choice, fiction, creative nonfiction, or verse, with the expectation of producing a polished manuscript of several chapters, stories, essays, or poems. Required of all English majors concentrating in creative writing and of all creative writing minors.

**ENGL U473. The Teaching of Writing (3)** Theory and methods of teaching composition and extensive research and practice in various kinds of writing expected of high school and college students.

**ENGL U483. Theory of Literary Criticism (3)** Various theories of literary criticism with the aim of establishing standards of judgment. Practice in criticism of literary works.

**ENGL U485. Adolescent Literature (3)** A survey of literature written for adolescent readers, especially the realistic problem novel. Special attention is placed on defining the characteristics of the field and on developing critical standards for evaluating the works.

**ENGL U490. Senior Seminar (3)** The integration of knowledge; the exploration of ethical issues; and the application of the skills of research, analysis, and writing about literature at an advanced level. Completion of an academic portfolio, self-directed research and writing, and formal oral presentations are required. The specific focus of the course is designed by faculty and may vary depending on the instructor's area of interest and the students' areas of concentration. Prerequisites: Senior standing; SPCH U201; ENGL U300; and 15 hours of ENGL courses numbered U300 or above, including either U459, U482, or U483.

**ENGL U499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For three credit hours, a minimum of 135 hours of supervised work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, and the dean of the college is mandatory. A student may repeat ENGL U499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in major courses numbered U300 and above; GPA 2.0 overall, 2.5 in English courses; and consent of the faculty supervisor and advisor.

## ENGLISH AS A SECOND LANGUAGE (ENSL)

*Note: The completion of ENGL U102 or the equivalent is prerequisite to enrollment in all higher level English as a Second Language courses.*

**ENSL U101. Writing I for Non-native Speakers of English (3)** Developing in improving the writing skills of the non-native English speaker. Confidence in writing abilities is built through a systematic approach to the understanding of writing as a process.

**ENSL U351. Linguistics for Language Learners and Teachers (3)** An overview of language and linguistics orientated toward learners and teachers. Phonetics, phonology, morphology, syntax and semantics are emphasized as well as theories of Krashen and others with particular focus on language acquisition and language learning.

**ENSL U353. Principles of Teaching English to Speakers of Other Languages (3)** Key methods, best practices and praxis, moving from ESOL theory and principles into best practices. Use of educational standards, language learning strategies and techniques for instruction in reading, writing, listening and speaking are emphasized.

**ENSL U355. Service Learning through English to Speakers of Other Languages (3)** Active youth or adult ESOL education service learning experience. Includes application of ESOL principles, exploration of the immigrant experience and reflective writing addressing the intersection of course concepts and service experiences. International service component may be an option.

## ENTREPRENEURSHIP AND INNOVATION (ENTR)

**ENTR U393. Innovation, Creativity, and Change (3)** Exposure to the essential principles underlying creative and lateral thinking and problem-solving in the context of opportunity in the global knowledge economy. The focus is to improve and promote the students' abilities to develop ideas, manage innovation, and transform organizations. Analysis of current trends in local, national and global business and society are utilized as the platform to identify potential opportunities. Prerequisites: MATH U102 or ECON U291.

**ENTR U455. Topics in Entrepreneurship and Innovation (3)** Contemporary areas of entrepreneurship and innovation. May be repeated with permission of advisor. Prerequisite: 54 credit hours earned.

**ENTR U492. Business Plan Development (3)** The creation of a pragmatic, effective, and comprehensive business plan for a for-profit or nonprofit entity that is prepared to solve a problem in the market or for society. A laboratory style approach will be used as the student(s) compile and combine all necessary organization components to prepare the entity for market entry. Prerequisite: 54 credit hours earned and MKTG U350, FINA U363 or MGMT U380, and MGMT U371, and 2.2 Life Scholarship GPA. Prerequisite or Corequisite: MGMT U471.

## ENGINEERING TECHNOLOGY MANAGEMENT (ETMG)

*Note: Admission to the ETM program requires a 2.0 grade point average for all college-level coursework attempted prior to program admission. Students majoring in ETM must be within 12 hours of earning an associate degree in an approved engineering technology field to enroll in 300-level ETMG courses. Students majoring in ETM must hold an associate degree in an approved engineering technology field prior to enrollment in any 400-level ETMG courses. ETM courses may be taken by IDS or CIS majors with the consent of the ETM program coordinator.*

**ETMG U320. Engineering Cost Analysis (4)** Engineering economics and financial analysis of prospective alternatives. Lab includes analysis techniques, use of modeling tools, and applications of techniques toward



real-world problems. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisite: Math U127 and Admission to ETM program (within 12 hours of Associate degree completion), or consent of instructor.

**ETMG U330. Engineering Work Analysis (4)** Techniques for operation analysis, work measurement, and work sampling. Major topics include human factors, work design principles, work environment, economic justification, work measurement and the design process. Predetermined basic motion-time systems and standard data development are introduced. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisite: Math U127 and Admission to ETM program (within 12 hours of Associate degree completion), or consent of instructor.

**ETMG U370. Systems Decision Making (4)** Systems analysis mathematical models, environmental factors, operations research methodologies, dynamic systems and the application of a variety of computer tools. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisites: ETMG U320, ECON U291, MATH U141 or consent of instructor.

**ETMG U395. Internship (1-3)** Supervised practical experience related to the Engineering Technology Management field in an elected setting planned in conjunction with the relevant ETM faculty. Prerequisite: Junior standing and consent of instructor.

**ETMG U398. Special Topics (3)** Selected topics in Engineering Technology Management. Topics vary depending on faculty expertise. This course may be repeated for credit if the topic is different. Prerequisites: Junior standing, or permission of instructor.

**ETMG U399. Independent Study (1-3)** A planned individual research experience carried out in conjunction with an Engineering Technology Management faculty member. Course may be repeated for a total of no more than three hours of undergraduate credit. Prerequisite: Consent of instructor.

**ETMG U410. Engineering Teams Theory and Practice (4)** Methods of understanding, planning, and presenting information in oral and written formats while working in an engineering team setting. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisites: ETMG U320, ETMG U330 or consent of Program Coordinator. Pre- or Corequisite: technical communication support course or consent of instructor.

**ETMG U415. Quality Practices (4)** Techniques for controlling quality of work processes and assuring delivered or received product quality. Topics include cost of quality, customer/focused quality, quality diagnostic tools, total quality management, quality assurance and quality standards. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisites: ETMG U330 and ECON U291 or consent of instructor.

**ETMG U420. Engineering Project Management (4)** Planning, scheduling, control of engineering projects, and applications of project management tools. Occasional off-campus laboratory sessions may be required. Three class and three laboratory hours per week. Prerequisite: ETMG U410 or consent of instructor.

**ETMG U499. Senior Seminar (3)** Integration of engineering technology management at an advanced level, the impact of engineers on society, and exploration of ethical issues. Written and oral presentation required. Prerequisites: ETMG U370, ETMG U410, ETMG U415. Pre or Corequisite: ETMG U420 or consent of instructor.

## EXERCISE SCIENCE (EXSC)

**EXSC U270. Introduction to Athletic Training (3)** Safety precautions, injury prevention, laboratory experiences, and legal issues in physical education and athletics.

**EXSC U280. Introduction to Exercise and Sport Science (3)** An orientation to the science of human movement, including an overview, career opportunities, and current issues and challenges within the field.

**EXSC U301. Exercise Physiology (4)** Physiological function of muscular, cardiovascular, and respiratory systems during exercise. Includes discussion for the metabolic systems that produce energy needed to perform vigorous exercise, the cardiovascular, muscular, and hormonal adaptations that result from various forms of training and the effects of various environmental conditions on human performance. Three classes and two laboratory hours per week. Prerequisites: BIOL U243.

**EXSC U302. Biomechanics (3)** Functional anatomy, kinematic and kinetic analysis of body movement during sports activities. Prerequisite: BIOL U243.

**EXSC U355. Lifestyle-Related Diseases (3)** Epidemiology and pathophysiology of diseases linked to lifestyle choices. The effect of physical activity as an important preventative measure is discussed.

**EXSC U390. Field Experience (3)** School or community experiences related to aspects of physical education. 100 hours of field work are required. Prerequisites: sophomore standing and consent of adviser, instructor and dean.

**EXSC U401. Advanced Exercise Physiology (3)** Includes in-depth research-based discussion of the responses of the human body to physical stress and long term anaerobic and aerobic training. Topics such as thermoregulation, performance at altitude and selected detraining are also discussed. Prerequisites: EXSC U301.

**EXSC U455. Fitness Assessment and Prescription (4)** Principles of exercise testing and prescription for a variety of generally healthy individuals. The class includes other aspects of fitness training such as behavior modification, business aspects, and metabolic equations and prepares students to take the ACSM's Certified Exercise Physiologist exam. Prerequisites: EXSC U301 and EXSC U302.

**EXSC U456. Clinical Exercise Testing and Prescription (4)** Principles of exercise testing, prescription and risk factor reduction as they apply to individuals with current or previous lifestyle-related or other chronic disease states. Health-related physical fitness components, stress testing, electrocardiography, and prescription of rehabilitative exercise programs will be examined. Lab experience will be included. Prerequisites: EXSC U301, EXSC U302, and EXSC U455.

**EXSC U457. Essentials of Strength and Conditioning (4)** The scientific foundations of strength training and athletic conditioning, program design for both power and endurance athletes, performance-enhancing substances, performance testing, and facility organization and management. The content will include strength and conditioning techniques, resistance training including weights, powerlifting, plyometric and functional training. Prepares students to sit for the NSCA's Certified Strength and Conditioning Specialist exam. Lab experience will be included. Prerequisites: EXSC U301, EXSC U302 and junior standing.

**EXSC U459. Sport Nutrition (3)** Impact of optimal nutrition on exercise performance. Important topics include digestion, thermoregulation, metabolism and fuel usage, sports supplements, and weight control. Prerequisites: EXSC U301 and junior standing.

**EXSC U467. Advanced Strength & Conditioning (3)** Advanced program design and conditioning concepts for athletes. Prerequisite: EXSC U457.

**EXSC U480. Internship in Exercise and Sport Science (6)** Guided practical experience in an elected, supervised setting appropriate to the chosen focus area. Prerequisite: EXSC U390 and junior standing. Pass/fail credit.

**EXSC U499. Research Seminar (3)** Integration of Exercise and Sport Science-related knowledge through involvement in the research process. May include IRB approval process, data collection and analysis, and verbal presentation of research results. Prerequisites: Senior standing and 15 hours of upper level coursework in the major with a grade of "C" or above.

## FILM STUDIES (FILM)

**FILM U240. Introduction to Film (3)** A survey of the basic elements of cinema including mode of production, narrative structure, stylistic design, camera and marketing. Prerequisite: ENGL U102.

**FILM U326. Motion Picture and Video Techniques (3)** Overview of techniques for pre-production, production, and post-production of video and film emphasizing location shooting for short movies. Prerequisite: ENGL U102.

**FILM U341. Literature and Film (3)** Adaptations of novels, short stories and/or plays into cinema. Historical and cultural contexts of production and reception of books and films are emphasized. Prerequisite: ENGL U102.

**FILM U342. Film Genre (3)** Characteristics of one or more established movie genres such as documentary, film noir, science fiction, new wave cinema, horror, comedy and others. The genre selected may vary based on the instructor's area of interest or expertise. May be repeated for credit if the topic changes. Prerequisite: ENGL U102.

**FILM U360. Film Directors (3)** Screening and analysis of feature-length films from the works of an individual director or a small group of directors. Analysis involves subject matter, themes, and content as well as technical choices and style, marketing, distribution, and reception of the motion pictures. May be repeated for credit if the topic changes. Prerequisite: ENGL U102.

**FILM U398. Special Topics in Film (3)** Reading, viewing, and research in

a selected film period, style, or other matter of cinema. May be repeated for credit if the topic changes. Prerequisite: ENGL U102.

**FILM U399. Independent Study (1-3)** An individualized, contracted program of work planned in conjunction with a faculty member. Prerequisite: consent of instructor.

**FILM U425. History of Film to 1967 (3)** The motion picture industry from the silent era to 1967. American and foreign films and film clips are analyzed to emphasize chronological, technical, structural, economic, thematic and cultural connections. Prerequisite: ENGL U102.

**FILM U426. Advanced Cinema Production (3)** Planning, primarily location shooting, editing, and public screening of group video projects. Prior experience with cameras, lighting, audio, and editing expected. Prerequisite: FILM U326 or JOUR U330 or consent of instructor.

**FILM U435. Film History after 1967 (3)** American and foreign films and film clips are analyzed to emphasize chronological, technical, structural, economic, thematic, and cultural connections. Prerequisite: ENGL U102.

**FILM U475. International Film (3)** Representative films from countries other than the United States. Major directors, movements, and periods of Africa, Asia, Australia, Central and South America, and Europe are covered. Prerequisite: ENGL U102.

**FILM U480. Interdisciplinary Approaches to Film (3)** Cinema explored from the perspective of a specific academic area in addition to film studies. May be repeated for credit if the topic changes. Prerequisite: ENGL U102.

**FILM U481. Cultural Diversity and Difference in Film (3)** The representation of race, gender, ethnicity, class, sexuality, age, or other matter of cultural difference in films. Critical and theoretical readings provide framework to interpret cinema in a variety of genres. May be repeated for credit if the topic changes. Prerequisite: ENGL U102.

**FILM U482. Film Theory and Criticism (3)** Various methodologies of film interpretation described and applied, including early definitive entries to the field and some or all of the following: auteur, genre, star studies, psychoanalysis, feminism, viewer response, semiotics, narratology, new historicism, and cultural studies. Prerequisites: ENGL U102 and FILM U240.

## FINANCE (FINA)

**FINA U363. Business Finance (3)** Basic concepts of finance related to decision making. Topics include financial statement analysis, time values of money, capital structure, debt financing, equity financing, cost of capital, short term financial planning and working capital management. Prerequisites: 54 credit hours earned, ACCT U225, and either ECON U291 or MATH U102.

**FINA U364. Financial Institutions and Markets (3)** Financial institutions; various debt, equity, foreign exchange and derivative markets and instruments. Topics include security valuation; measures of risk; financial market innovation; the structure and role of commercial banks and other financial institutions including types of risk financial institutions bear; and utilization of financial markets, institutions, and instruments to manage risk.

Prerequisites: 54 credit hours earned and FINA U363.

**FINA U365. Principles of Investments (3)** An overview of traditional securities including stocks, bonds, alternative investments, mutual funds and exchange traded funds. The basic conceptual framework for formulating investment policies and constructing portfolios utilizing statistical measures including variance, standard deviation, and the Sharpe ratios is emphasized. Prerequisites: 54 credit hours earned and FINA U363.

**FINA U366. Analysis of Financial Statements and Information (3)** Understanding the financial structure and performance of organizations. The goal is for students to acquire financial knowledge and analytical tools that result in improved risk assessments, valuation, forecasting, planning, and decision making abilities. Prerequisites: 54 credit hours earned FINA U363 or MGMT U380.

**FINA U369. Personal Finance (3)** Life insurance, health insurance, automobile insurance, property insurance, liability insurance, wills, trusts, Social Security, stocks, bonds, mutual funds, exchange traded funds, retirement planning, and budgeting. Prerequisite: 54 credit hours earned.

**FINA U455. Topics in Finance (3)** Contemporary areas of finance. May be repeated with permission of advisor. Prerequisites: 54 credits hours earned and FINA U363.

**FINA U461. International Business Finance (3)** Financial management of a multinational business enterprise. Topics include subsidiary working capital management, financial analysis of overseas ventures, sources of international capital, funds remittance policies, trade finance, exchange risk management policies, and techniques of financial control. Prerequisite: FINA U363.

## FRENCH (FREN)

*Note: Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**FREN U101. Introductory French I (3).** Fundamentals of the language and culture through speaking, listening, reading, and writing.

**FREN U102. Introductory French II (3).** Fundamentals of the language and culture through speaking, listening, reading, and writing. Prerequisite for FREN U102 is FREN U101 or placement through testing.

**FREN U201. Intermediate French I (3).** Review of the basic principles of the language, with emphasis on reading, writing, and oral skills. Prerequisite: FREN U102 or placement through testing.

**FREN U202. Intermediate French II (3).** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: FREN U201 or placement through testing.

**FREN U210. French Oral Communication (3)** Enhancement of oral

expression through group discussions, oral presentations, and vocabulary development. Prerequisite: FREN U202 or placement through testing.

**FREN U250. Selected French Studies Abroad (3-6)** Development of intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: FREN U102 or consent of instructor.

**FREN U308. Business French (3)** Fundamental elements of the language and exercises in composition centering on business communication skills. Prerequisite: FREN U202 or consent of instructor.

**FREN U309. French Grammar and Composition (3)** Fundamental elements of the language and exercises in composition. Prerequisite: FREN U202 or consent of instructor.

**FREN U310. French Conversation (3)** Advanced vocabulary development and acquisition of fluency through aural and oral activities. Prerequisite: FREN U210 or placement test.

**FREN U320. French Civilization (3)** Culture and civilization of the French-speaking world, with major emphasis on France. Prerequisite: FREN U202 or consent of instructor.

**FREN U330. Survey of French Literature I (3)** A selection of medieval and Renaissance French literature through the sixteenth century. Prerequisite: FREN U202 or consent of instructor.

**FREN U331. Survey of French Literature II (3)** A selection of works from the seventeenth century through the present. Prerequisite: FREN U202 or consent of instructor.

**FREN U350. Selected French Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: FREN U202 or U210 or U250 or consent of instructor.

**FREN U398. Topics in French Language or Literature (3)** Intensive study of selected topics chosen by instructor. Prerequisite: FREN U202 or consent of instructor.

**FREN U399. Independent Study (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. May be repeated with the consent of the instructor and advisor for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language courses, and consent of faculty supervisor.

**FREN U402. Masterpieces of French Drama (3)** Selected works from the beginning of French theatre through the present. Prerequisite: FREN U202 or consent of instructor.

**FREN U403. Masterpieces of the French Novel (3)** Selected works from the beginning of the French novel through the present. Prerequisite: FREN U202 or consent of instructor.

**FREN U499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For three credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. A contractual agreement signed by the student, the instructor of record, and other designated faculty and administrators is required. A student may repeat FREN U499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in major courses numbered U300 and above; GPA 2.0 overall, 2.5 in French courses; and consent of the faculty supervisor and advisor.

## **GEOGRAPHY (GEOG)**

**GEOG U101. The Upstate (3)** Uses the landscape approach to study the 10-county area of Northwestern South Carolina. Spatial, economic, social, cultural, demographic and natural traits of the contemporary urban, suburban and rural landscapes are examined after an introduction to the landscape approach.

**GEOG U103. Introduction to Geography (3)** Principles and methods of geographical inquiry.

**GEOG U121. Principles of Regional Geography (3)** Description of the regional method and an analysis of the region forming processes. Emphasis is on the distinctive features of large areas of the world.

**GEOG U201. Introduction to Physical Geography (3)** The spatial significance of land forms, water bodies, and soils. Emphasis is placed on both the man-land relationship and the concept of location.

**GEOG U202. Introduction to Weather and Climate (3)** The interrelationship of weather elements and controls and the spatial distribution of climate and vegetation.

**GEOG U212. Introduction to Economic Geography (3)** Factors in location and production of commodities, commerce and manufacturing.

**GEOG U340. Geography of Population, Settlement and Migration (3) (=SOCY U327)** Births, deaths, migration and the distribution of human populations, and the analytical methods used in the study of each of these topics.

**GEOG U398. Special Topics (3)** Geographic dynamics and characteristics at the local, regional or global level. May be taken twice if the topic is different. Prerequisite: Any lower division geography course or consent of instructor.

**GEOG U424. Geography of North America (3)** Physical and cultural geography of North America with emphasis on the United States.

## **GEOLOGY (GEOL)**

**GEOL U101. Physical Geology (4)** Methods and procedures of science for interpretation of the earth. The natural processes and their products — the minerals, rocks, fossils, structure and surface forms of the earth are considered. Emphasis is placed on the interplay between hypothesis, experiment, and

observable fact which characterize productive physical science. Three class and three laboratory hours per week.

**GEOL U102. Historical Geology (4)** The practice of geology as an historical science with emphasis on the methods of analysis, nature of the record, and guiding principles that have allowed geologists to decipher the history of the earth. Three class and three laboratory hours per week.

**GEOL U103. Environmental Geology (4).** Introduction to the science of geology and the major earth cycles with emphasis on the application of geology to environmental issues and earth processes, such as energy resources, water pollution, and geological hazards. Three class and three laboratory hours per week.

**GEOL U104. Natural Disasters (3)** Investigates the geologic aspects of several types of natural disasters (earthquakes, volcanoes, floods, etc.) and emphasizes both impacts of natural hazards and ways of mitigating risk from the hazards. Case studies of specific events are used to highlight the social, economic, environmental and human impacts of natural disasters.

**GEOL U120. Geology of the Southeast (3)** Investigation of the geological processes responsible for the land forms and natural resources of the southeastern United States. Three class hours per week and field trips are required.

**GEOL U399. Independent Study (1-6)** Directed research project depending on student interest and needs. Prerequisite: consent of instructor.

## **GERMAN (GERM)**

*Note: Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**GERM U101. Introductory German I (3).** Fundamentals of the language and culture through speaking, listening, reading, and writing.

**GERM U102. Introductory German II (3).** Fundamentals of the language and culture through speaking, listening, reading, and writing. Prerequisite for GERM U102 is GERM U101 or placement through testing.

**GERM U201. Intermediate German I (3).** Review of the basic principles of the language, with emphasis on reading, writing, and oral skills. Prerequisite: GERM U102 or placement through testing.

**GERM U202. Intermediate German II (3).** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: GERM U201 or placement through testing.

**GERM U210. German Oral Communication (3)** Enhancement of oral expression through group discussion, oral presentations, and vocabulary development. Prerequisite: GERM U202 or placement through testing.

**GERM U250. Selected German Studies Abroad (3-6)** Development of

intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: GERM U102 or U121 or consent of instructor.

**GERM U308. Business German (3)** Elements of language centering on written business communication skills. Prerequisite: GERM U202 or consent of instructor.

**GERM U310. German Conversation (3)** Advanced vocabulary development and acquisition of fluency through aural and oral activities. Prerequisite: GERM U210 or placement through testing.

**GERM U325. Modern German Literature in Translation (3)** Masterpieces of German literature. The selection may include texts by T. Mann, Kafka, Brecht, Hesse and Grass. Taught in English. This course may not be used to satisfy a foreign language requirement. Prerequisites: ENGL U102 or consent of instructor.

**GERM U350. Selected German Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: GERM U202 or U210 or U250 or consent of instructor.

**GERM U398. Topics in German Literature/Language (3)** Intensive study of selected topics chosen by instructor. Prerequisite: GERM U202 or consent of instructor.

**GERM U399. Independent Study (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. May be repeated with the consent of the instructor and advisor for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language courses, and consent of faculty supervisor.

**GERM U499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For three credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. A contractual agreement signed by the student, the instructor of record, and other designated faculty and administrators is required. A student may repeat GERM U499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in major courses numbered U300 and above; GPA 2.0 overall, 2.5 in German courses; and consent of the faculty supervisor and advisor.

## GLOBAL STUDIES (GLST)

**GLST U301. Global Cultures and Identities (3)** Survey of global and transnational concepts, topics, events, social and political movements, and cultural patterns in selected societies. Special attention is given to themes such as feminism, sexuality, human rights, language, identity, and cross-cultural encounters and topics such as migration, war, terrorism, religion, global cinema and popular culture, global health policies, global climate change, and protest music and art.

**GLST U350. Global Studies Abroad (1-6)** Travel in selected regions of international and cross-cultural interest, and field study of culture and intercultural relations, with an emphasis on global literacy, globalization or transnationalism. This course may be repeated as long as location/content are different.

**GLST U398. Topics in Global Studies (3)** Intensive study of selected topics. This course may be taken twice if the topic is different. Prerequisite: ENGL U102.

**GLST U399. Independent Student (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. May be repeated with the consent of the instructor and advisor for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 and consent of faculty supervisor.

**GLST U499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For each credit hour, a student is to work 45 hours with an approved agency. A contractual agreement signed by the student, the instructor of record, and other designated faculty and administrators is required. A student may repeat GLST U499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in related courses numbered U300 and above; GPA 2.0 overall; and consent of the faculty supervisor and advisor.

## GOVERNMENT AND INTERNATIONAL STUDIES (see *Political Science*)

## HEALTHCARE INFORMATION MANAGEMENT AND SYSTEMS (HIMS)

**HIMS U201. Understanding Healthcare Organizations (3)** Introduction to origins and evolution of current healthcare delivery systems and organizational structures, healthcare terminology and language structures, common usage, acronyms, and basic uses of information in a variety of healthcare settings. Topics also include introduction to levels of information users and information needs within a variety of healthcare organizations. Prerequisites: CSCI U138, or CSCI U150, or INFO U101, or consent of instructor.

**HIMS U250. Fundamentals of Healthcare Administration (3)** Management, communication, and problem-solving as they relate to human resources, quality assurance, finance, budgeting and reimbursement in a healthcare setting. Prerequisite: Sophomore standing or consent of instructor.

**HIMS U301. Health Informatics and Information Systems Applications (3)** Introduction to healthcare information systems to include management and administration information systems, clinical information systems, business information systems, decision support, critical care applications, information systems in education, and emergent system applications. Particular emphasis is placed on automation required for the emerging "paperless" environment and computer-based records. Prerequisite: HIMS

U201 or consent of instructor.

**HIMS U302. Healthcare Data Management and Information Governance (3)** Data, knowledge, and information structures, terminological control, index language functions, regulatory determinants of data collected/stored (ex. JCAHO/HIPPA, etc.), including study of language development in healthcare systems evolution. Prerequisite: HIMS U301 or consent of instructor.

**HIMS U350. Healthcare Quality Improvement (3)** Quality improvement strategies to improve efficiency and effectiveness in healthcare information systems and processes including Six Sigma, DMAIC, process maps, pareto charts, control charts, root cause analysis, and cause and effect diagrams. Quality improvement theoretical frameworks such as Donobedian's structure, process and outcome theory, and Chassin's overuse, misuse and underuse theories are applied. Quality improvement in the context of leadership, person-centered, family-centered care, cost, value, and improvement capability is demonstrated through the completion of the Institute of Healthcare Improvement's standard modules. Prerequisite: HIMS U201 or consent of instructor.

**HIMS U412. Legal Aspects of Health Information Management (3)** Selected ethical issues, confidentiality, preservation and conservation of sensitive data, data maintenance and integrity preservation. Prerequisites: PHIL U211 or PHIL U310 or PHIL U311 or PHIL U321; and HIMS U302; or consent of instructor.

**HIMS U413. Healthcare Technology and the Electronic Health Record (3)** Network configurations and functions including the latest developments and applications in electronic health records (EHR) and the implementation of the EHR in the healthcare industry. Prerequisite: HIMS U302 or consent of instructor.

**HIMS U417. Information Privacy and Security (3)** Issues in information management as they relate to the International Information Systems Security Certification Consortium's 10 security domains. The role of the security domains in the context of design, implementation, and maintenance of systems to include the legal and ethical aspects of privacy and security. Case studies covering these roles are included. Prerequisite: CSCI U315 and CSCI U325 or consent of instructor.

**HIMS U425. Public Policy Trends in Health Informatics (3)** Current and future trends in health information systems (HIS) and health information technology (HIT) and their impact on public policy, career success in HIS management, health informatics, data analytics, public policy and public health research. Prerequisite: HIMS U302 or consent of instructor.

**HIMS U426. Healthcare Finance (3)** Fundamentals of financial management and accounting concepts in the healthcare environment with specific application to the health informatics or health information management professional's everyday roles and responsibilities. Topics include revenue management, cost management, variance management, and contracting. Prerequisite: HIMS U201 and HIMS U302 or consent of instructor.

**HIMS U450. Healthcare Quality Management and Performance Improvement (3)** Database formats and structures, query techniques, document classification, managing large data collections, statistical applications in data management. Emphasis is placed on the discovery of methods

to capture data as an important institutional resource through efficient management of databases and data repositories, and on the importance of data collections that provide accurate outcome assessment. Prerequisite: INFO U421 or consent of instructor.

**HIMS U496. Special Topics (3)** Study reflective of current issues/topics related to the field of healthcare information management. Topics might include (but are not limited to) emergent technology in healthcare settings such as user interface design, expert system evolution, virtual environments, soft computing/fuzzy logic applications, artificial intelligence. Topics chosen for study in a given semester will be determined by the state of the science at the time of the offering. Prerequisite: Completion of 12 hours HIMS courses.

**HIMS U498. Practicum in Healthcare Information Management (3)** Supervised professional practice involving information management in a healthcare organization. Prerequisite: Senior standing in the accredited health information management application area.

**HIMS U499. Senior Seminar in Health Information Management (3)** Capstone experience integrating knowledge of health information systems, health information management, and health informatics (the combination of health and information technology) and investigating current innovations in these technologies in a healthcare setting with emphasis on research, written, and oral presentations. Prerequisite: Senior standing in Health Informatics or consent of instructor.

## HISTORY (HIST)

**HIST U101. Introduction to World History I (3)** World history to 1500. Using a global approach, emphasis is placed on major political, social, economic, and cultural trends.

**HIST U102. Introduction to World History II (3)** 1500 to the present. Using a global approach, emphasis is placed on major political, social, economic, and cultural trends.

**HIST U105. History of the United States to 1877 (3)** The indigenous peoples, the era of discovery, and the nation from Independence to the end of Reconstruction, emphasizing major political, economic, social, and intellectual developments.

**HIST U106. History of the United States from 1865 (3)** The rise of modern America after the Civil War, emphasizing the political, social, economic, and intellectual trends that contributed to the development of contemporary society.

**HIST U198. Current History (1)** Major events in the news with emphasis on their historical context and likely long-range significance. May be taken up to three times for credit.

**Note: the prerequisite for all upper division history courses is any 100-level history course or the consent of the instructor.**

**HIST U300. Introduction to Historical Studies (3)** Methods of historical inquiry. Particular attention is given to primary and secondary sources, document analysis, citation methods, research paper skills, and historical

writing. This course may not be attempted more than twice. Attempts include receiving a "W," "WF," and "Audit." Appeals to this policy may be made to the Department of HPPA Academic Affairs Committee.

**HIST U301. Early North America (3)** The history of North America from its earliest inhabitants, the exploration and colonization of North America through the end of the Seven Years' War. The subject matter includes Native American societies, background on the Europeans and Africans who would migrate to the colonies, the collision of cultures, family life and labor, colonial administration, and the development of international rivalries in North America.

**HIST U302. History of the Revolutionary Era (1763-1789) (3)** Era from the end of the Seven Years' War through the ratification of the United States Constitution including the social, political, economic, cultural, and geographic development of the new nation out of the struggle for independence.

**HIST U303. History of the Early American Republic (1789-1820) (3)** The ratification of the United States Constitution through the first three decades of American independence, including the social, political, economic, cultural, and geographic development of the new nation through this period.

**HIST U304. The Age of Jackson (1820-1848) (3)** The Jacksonian Era from 1820 through 1848, including the social, political, economic, cultural, and geographic development of the new nation under this period.

**HIST U305. Sectionalism and Civil War (1848-1877) (3)** The Civil War Era from 1848 through 1877 including the social, political, economic, cultural, and geographic development of the nation during this period, with a concentration on the rise of sectionalism in the country, the military and social conflicts during war, and the tribulations of the Reconstruction era.

**HIST U306. Gilded Age and Progressive Era America (1877-1917) (3)** The Gilded Age and the Progressive Era between 1877 and 1917 including the social, political, economic, cultural, and geographic development of the nation during this period.

**HIST U307. The United States and the World at War, 1914-1945 (3)** The era from 1914 to 1945, focusing on the social, political, economic, cultural, and geographic development of the nation during this period including the American involvement in the two World Wars, the Roaring Twenties, and the Great Depression.

**HIST U308. U.S. History Since 1945 (3)** The history of the United States during the period from 1945 to the present. Subjects included will be the social, political, economic, cultural, and geographic development of the nation during this period.

**HIST U310. African-American History to 1865 (3)** The African background, origins of slavery, the rise of the free black community, and African Americans as actors in the political, economic, social, and cultural history of the United States to the end of the Civil War.

**HIST U311. African-American History since 1860 (3)** The African American role in the Civil War. Emancipation, Reconstruction, and the development of the black community since 1860. Major topics include African Americans' struggle for autonomy and equal rights in the political and economic arenas, the impact of race in American society, and the intellectual and cultural

traditions of African Americans.

**HIST U312. American Military History (3)** United States involvement in armed conflicts from the colonial period to the present. Subjects covered include the evolution of warfare, the place of the military in society, and the development of professionalism in American forces.

**HIST U313. The Vietnam War (3)** The causes, major events, and impact of the Vietnam War viewed in a cross-cultural context.

**HIST U315. Civil War Culture (3) (=AMST U315)** Experiential and kinesthetic learning experiences that engage with the prevailing military ideas and institutions of the 1860s as well as the everyday lives of Americans who lived and died during that period.

**HIST U318. American Indian History (3)** Pre-Columbian times to the present in North America. Emphasis is placed on economic, political, military and social changes in native cultures over time in response to European and then American encroachment.

**HIST U320. The South to 1865 (3)** The southern United States from the colonial era to the end of the Civil War, emphasizing the development of regionally distinct political, social, economic, and cultural characteristics and institutions.

**HIST U321. The South since 1865 (3)** The southern United States from the era of Reconstruction to the present. Topics include the tension between an increasingly national focus in economics and politics and the desire to maintain local social control. The question of the persistence of a southern identity is central.

**HIST U322. History of South Carolina, 1670 to the Present (3)** The origins and development of South Carolina from colonial times to the present with emphasis on the unique role the state has played in the nation's history.

**HIST U323. Our Past: Upstate History (3)** Local history, focusing on Greenville, Spartanburg, and Cherokee Counties. Public/applied history techniques and projects are included.

**HIST U330. Early Mediterranean Empires (3)** Peoples in trade, politics, culture, and society in the Mediterranean region through the rise of the Byzantine Empire. Significant attention is given to the Egyptian, Persian, and Byzantine Empires with the main emphasis on Greece and Rome.

**HIST U332. Renaissance and Reformation in Europe (3)** Economic, political, social and cultural developments in Italy in the fourteenth and fifteenth centuries; their spread north and collision with the new ideas released in the Protestant revolt of the sixteenth century. Significant attention is given to the religious wars of the late 1500s and early 1600s.

**HIST U333. Absolutism and Enlightenment in Europe (3)** Social, economic, intellectual, cultural and political transformation of Europe from Louis XIV to the French Revolution. Significant attention is given to Absolutism, Louis XIV, Peter the Great, Frederick the Great, Maria Theresa, Catherine the Great and the new ideas of the Enlightenment.

**HIST U335. Twentieth Century Eastern Europe (3)** Eastern Europe from

Austro-Hungarian, Russian and German domination to present. Significant attention is paid to nationalism, national self-determination, World Wars I and II, economic and political struggles, communist domination, and independence.

**HIST U336. Nineteenth Century Europe (3)** Europe from the French Revolution to the end of the nineteenth century. Significant attention is paid to the French Revolution, the Napoleonic Era, industrial development and its consequences, new ideologies, imperialism, and the rise of Italy and Germany.

**HIST U337. Age of the World Wars (3)** World War I, the Inter-war years, and World War II. Particular attention is given to the causes and events of World War I, the Paris Peace Conference of 1919, the struggles of the Inter-war period, the rise of Adolf Hitler, and the causes and events of World War II.

**HIST U338. Europe's Cold War (3)** The Cold War experience in Europe from 1945 to the early 1990s, from a political, social, cultural, economic and military perspective. Significant attention is given to European recovery, the creation of the Soviet Bloc as well as its demise, and European unity.

**HIST U340. Germany since 1871 (3)** Cultural, political, intellectual and social impact of unification, World War I, the Weimar Republic, the Third Reich, East and West Germany, and reunification.

**HIST U341. History of the Soviet Union (3)** Political, economic, social and cultural developments from the late-nineteenth century through 1991.

**HIST U347. Medieval Britain 1066-1399 (3)** Political, social, economic, religious, and intellectual development in Britain during the High Middle Ages, from the Norman Conquest to the fall of Richard II.

**HIST U348. Early Modern Britain 1399-1750 (3)** British social, political, religious, cultural, and economic development in the early modern period. Topics will include Henry VIII, Bloody Mary, Elizabeth, the English Civil War and the Glorious Revolution.

**HIST U349. Modern Britain 1750-Present (3)** British social, political, religious, cultural and economic development in the modern period, including the rise of industrialization, imperialism, and the two World Wars.

**HIST U350. Genocides in Europe (3)** Causes, comparisons, and consequences of ethnic cleansing and genocide from the late nineteenth century through the present. Significant attention is paid to the Jewish Holocaust in World War II.

**HIST U351. Women in Early Modern Europe and America (3)** Changing notions of the female body and women's roles as lovers, housewives, mothers, philosophers, consumers, workers, saints and potential citizens in pre-industrial, commercial and early industrial Europe.

**HIST U352. Women in Modern Europe and America (3)** Industrialization, changing images of the female body, radical and reform movements, war, economic depression, citizenship, race, professionalization, women's unwaged as well as wage labor, and effect of occupational choice upon women's social roles.

**HIST U353. History of Science (3)** The development of natural philosophy from the ancient Greeks through the Scientific Revolution and Enlightenment to the rise of modern science.

**HIST U354. Birth of Europe 300-1000 (3)** European political, social, economic, religious, and intellectual development from the establishment of Christianity as an officially sanctioned religion to the dawn of the feudal age. Topics will include the Germanic kingdoms, Charlemagne's Empire and the Viking invasions.

**HIST U355. Medieval Civilization 1000-1400 (3)** European political, social, economic, religious, and intellectual development during the High Middle Ages. Topics will include feudalism, the Crusades, and the Black Death.

**HIST U360. Africa to 1800 (3)** Traditional culture, early civilizations, rise of Islam, Sudanic empires, and the slave trade era.

**HIST U361. Africa since 1800 (3)** Commercial and religious revolutions of the 19th century, partition, colonial rule, post-independence, and South Africa.

**HIST U370. China to 1800 (3)** The social, political, cultural and economic developments in China from prehistoric times to 1800. Topics include Confucianism, Taoism, the Imperial state, the Silk Road, the Medieval Economic Revolution and the Mongol invasion.

**HIST U371. History of Japan (3)** The cultural, economic, social, and political development of Japan with emphasis on the transformation of traditional Japanese society from 1600 to the present.

**HIST U372. History of India (3)** The cultural, economic, social, and political development of India with emphasis on Hindu and Islamic influences, the rise of nationalism during the period of British rule, and post-independence India.

**HIST U373. Pre-modern East Asia (3)** Political, cultural, and economic development in China, Japan, and Korea before 1600 with an emphasis on interactions of different regions in East Asia.

**HIST U374. Modern Japan (3)** The social, political, cultural and economic developments of Japan from 1868 to the present. Topics include the Meiji Restoration, imperialism, fascism, World War II, post-war occupation and the Japanese economic miracle.

**HIST U375. Modern China (3)** The social, political, cultural and economic development of China from 1800 to the present, with an emphasis on the collapse of the late imperial social and political order and the struggle to modernize. Topics include the Opium Wars, the Boxer Rebellion, nationalism, feminism, Mao Zedong, the Cultural Revolution, democracy movements and the One Child Policy.

**HIST U378. Women and Gender in Modern China (3)** The transformation of the Chinese gender and family system and the changing lives of Chinese women from 1895 to the present. Topics include family reform, foot-binding, nationalism and feminism, women and communism, sexuality and the One Child policy.

**HIST U380. Latin America to 1830 (3)** Indigenous cultures, the Spanish



and Portuguese presence in the Caribbean, South America and Mesoamerica through independence.

**HIST U381. Latin America since 1810 (3)** Independence, the national period, the struggles for political stability and democracy and against militarism and authoritarianism, economic development, issues of ethnic identity and culture.

#### **HIST U399. Independent Study (1-6)**

**HIST U491. Topics in History (3)** Reading and research on selected historical subjects. Prerequisite: Any lower division history class or consent of instructor.

**HIST U492. Topics in United States History (3)** Reading and research on selected historical subjects related to the history of the United States. Prerequisite: U.S. history at the 300-level or consent of instructor.

**HIST U493. Topics in European History (3)** Reading and research on selected European subjects.

**HIST U494. Topics in Non-Western History (3)** Reading and research on selected Non-Western subjects.

**HIST U495. Topics in African-American History (3)** Reading and research on selected historical subjects related to the African-American experience. Prerequisite: HIST U310, HIST U311, or consent of instructor.

**HIST U496. Topics in Women's History (3)** Reading and research on selected subjects in women's history. Prerequisite: Any lower division history class or consent of instructor.

**HIST U499. History Internship (1-6)** Supervised work experience in a museum, archive, or other history setting. A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member and may be expected to submit written work as well. Prerequisites: junior or senior standing and consent of the instructor. Students may repeat the course for a total of six credit hours.

**HIST U500. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas in both the subject matter and the profession of history with emphasis on research and oral presentation of research findings. The specific topics covered in the course vary. Prerequisite: 12 hours of HIST at the U300-level or above with a minimum grade of C, or consent of instructor.

### **HONORS COURSES (HONS)**

**HONS U101. The Life of the Mind (3)** A facilitated seminar taught by multiple faculty members with an interdisciplinary theme centered around the life of the mind, including questions about the nature of education, knowledge, and the self. Introduction is provided to various academic fields through interdisciplinary projects and problem solving and significant interactions with honors faculty and other USC Upstate departments and resources. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U120. Honors Fine Arts and Humanities (3)** An interdisciplinary approach to introductory fine arts and humanities studies. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include art therapy, ekphrasis, or the history of religious art. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U121. Honors Natural Science and Mathematics (3)** An interdisciplinary approach to introductory natural science and mathematics studies. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include the history of physics, introductory bioinformatics or the statistics of gender. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U122. Honors Social and Behavioral Sciences (3)** An interdisciplinary approach to introductory social and behavioral science courses. A critical introduction to these fields is achieved through the exploration of an interdisciplinary theme. Themes may include the psychology of elections, sociology of relationships, or work and economics. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U199. General Education Tutorial (3)** An introduction to one or more of the disciplines included in select general education distribution areas (Fine Arts, Humanities, Natural Science, Mathematics, Social and Behavioral Sciences) that addresses applications of the field/s of study and or takes an interdisciplinary perspective. Examples include introductory legal philosophy, biomedical ethics, or behavioral economics. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U201. Self and Society (3)** An interdisciplinary seminar centered on community, leadership, and societal problem solving through projects and community-based problem-solving. Scholarly reflection on service projects and significant interactions with community leaders. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U250. Honors Travel (1-3)** Visits to and study of international or US sites of historic, cultural, and/or literary significance. Content and itinerary will vary depending on the instructor's area of interest. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U301. The Ethical Factor (3)** A seminar with an interdisciplinary theme centered on ethics and ethical problem solving. Examples include America's evolving moral landscape and civil rights, or science, ethics and religion. Interdisciplinary research projects and problem solving, scholarly reflection through written and oral communication, and interactions with guest speakers from the University and the wider community foster leadership and advanced academic skills. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U350. Honors Travel (3)** Visits to and study of international or U.S. sites of historic, cultural, scientific, and/or literary significance. The focus and work product for the course vary depending on the instructor's area of interest. Prerequisite: Admission to Honors Program or overall GPA of 3.25 at USC Upstate or accredited institution with permission of the Director of the Honors Program.

**HONS U398. Honors Special Topics (3)** Interdisciplinary approaches to enduring issues or current topics. Technology-based and/or presentation-based projects may be required. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director.

**HONS U399. Honors Tutorial (3-4).** Directed research and reading of a complex and comprehensive nature in keeping with individual interests and goals and culminating in a final project and/or written report. Research may involve both primary and secondary sources in one or more disciplines. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director. May be repeated with the consent of the Director of the Honors Program for a total of no more than eight hours of undergraduate Honors credit.

**HONS U400. Honors Internship (1-4)** Directed hands-on practicum experience in keeping with individual interests and goals. Honors interns complete additional research and reading and prepare a written report at the end of the term. Prerequisite: Acceptance to the Honors Program or consent of the Honors Program director. May be repeated with the consent of the Director of the Honors Program for a total of no more than eight hours of undergraduate Honors credit. A University contract must be completed with all required signatures.

**HONS U401. The Process of Progress (3)** A seminar with an interdisciplinary theme centered on the nature of research and research-based problem solving. Tracing the process of design and discovery of a documented well-known research project leads to the application of that model to individualized honors projects. Example project models might include the human genome project and its implications for the limits of humanity, or the TED movement. Prerequisites: Acceptance to the Honors Program or consent of the Honors Program director and 9 Honors credits.

## INTERDISCIPLINARY STUDIES (IDST)

**IDST U300. Introduction to Interdisciplinary Studies (3)** Approaches to understanding, analyzing, and synthesizing information from varied perspectives. Emphasis is on researching, writing, and crafting sound arguments from multi-disciplinary approaches. Prerequisite: ENGL U102.

**IDST U301. Ethics in the Professions (3)** A research seminar that investigates the laws and ethics codes of various professions, such as education, business, healthcare and data management. Each seminar participant selects one profession to track throughout the semester and reports on that field's laws, conduct requirements, legal cases and methods of conflict resolution. Evaluations are based on oral presentations, papers and participation in class discussion.

**IDST U398. Interdisciplinary Studies Internship (1-6)** Supervised work experience in a community agency or business based on an individualized, contracted program planned in conjunction with a faculty member and approved by the student's advisor. For six internship credit hours, a student is to work 270 hours with an approved agency; for five credit hours, 225 work hours; for four credit hours, 180 hours; for three credit hours, 135 hours; for two credit hours, 90 hours, and for one credit hour, 45 hours. A student may repeat IDST U398 once with a different internship contract description for

a total of no more than six hours of undergraduate credit. Prerequisites: junior standing, and approved internship contract.

**IDST U490. Senior Seminar in Interdisciplinary Studies (3)** Reading and research on selected topics designed to explore issues of broad interdisciplinary interest. Particular emphasis is placed on integration of knowledge at an advanced level, exploration of ethical issues, and experience in research and oral presentations. Seminar topics vary. Prerequisites: IDST U300, senior standing, and permission of IDS advisor.

## INFORMATION MANAGEMENT AND SYSTEMS (INFO)

**INFO U101. Survey of Information Technology (3)** Use of information technology to collect, analyze, and transform data into knowledge using desktop software and commonly available Internet-based resources and the evaluation of information sources for accuracy, suitability, safety, security, societal and ethical issues.

**INFO U102. Introduction to Digital Safety (3)** Approaches to identifying exposure threats against personal information as a means to establishing end-user best practices. Topics include digital reliance impact on culture; system exploitation at the hardware, operational, and application level; ethical concerns related to hacking and application use.

**INFO U139. Introduction to Object-Oriented Applications (3)** Object-oriented problem-solving tools, techniques, and solution structures for desktop-oriented, user-layer environments, a survey of third-generation programming languages (3GL), introduction to the object-oriented paradigm. Prerequisite: INFO U101 or INFO U102 or CSCI U138 or consent of instructor.

**INFO U201. Concepts of Information Management and Systems (3)** Theoretical foundations of organization of information; cognitive structures and processing of data, information, knowledge, and understanding information uses and users. The integrated and interdisciplinary nature of information science and computer science is introduced and developed through case studies and examples from concentration disciplines: business, education, communication, and healthcare settings. Prerequisite: INFO U101 or CSCI U138 or CSCI U150.

**INFO U211. Microcomputer Organization (3)** Introduction to the major features of operating system software, the primary functions of CPU's, bus architectures, secondary storage devices, peripheral devices, hardware and software configuration. The goal is the assembly and disassembly of microcomputer systems and installation of operating systems, network operating systems, and applications software. Prerequisite: INFO U101 or CSCI U138 or CSCI U150.

**INFO U303. Organizational Informatics and IT Platforms (3)** Needs, uses and consequences of information in organizational contexts, information technology platforms, architectures and infrastructures, functional areas and processes, information-based products and services, the use of and redefining role of information technology, sociotechnical structures, and the rise and transformation of information-based industries. Prerequisite: INFO U201 or consent of instructor.

**INFO U305. Social Informatics (3)** Key social research and perspectives

on the use of information and communication technologies, information ethics, relevant legal frameworks, popular and controversial uses of technology, digital divides, and multicultural issues of information management. Prerequisites: INFO U303 or equivalent or consent of instructor.

**INFO U307. Systematic Innovation (3)** Methodologies, tools, skills, and knowledgebase supporting a repeatable, structured, and disciplined approach to innovative problem solving, brainstorming, and alternative thinking including, but not limited to: useful/harmful feature analysis, problem formulator diagraming, selection and application of innovation operators, and the innovation situation questionnaire. Prerequisites: 24 credit hours or consent of instructor.

**INFO U315. Networking Technology (3)** Basic concepts of computer networks, data telecommunication and distributed applications, including network topology, hardware, software protocol, security, and the implications of network technologies on the deployment and implementation of networked systems. Prerequisites: CSCI U300 or INFO U303 or consent of instructor.

**INFO U325. Fundamentals of Relational Database Management Systems (3)** Basic architecture, structures, and query languages. Topics include design and implementation of RDBMS, relational data models, conceptual modeling, data independence, specification of data requirements, normalization, recovery and security. Prerequisites: CSCI U300 or INFO U305 or consent of instructor.

**INFO U345. Technical Presentation and Communication (3).** The art of effective creation of formal oral and written communications in a professional environment using modern technology to assist in writing and presentation. Covered topics include using word processing software to ease the research process, evaluation of information sources, the proper use of visual aids such as PowerPoint, the creation of video presentations, effective speech writing, power-speaking methods and techniques, and methods of persuasive writing in the professional work. Prerequisites: INFO U101 or CSCI U138 or CSCI U150.

**INFO U346. Communication and New Technology (3)** Understanding the components of various technologies and their importance in information management and dissemination within and outside the organization. Prerequisite: INFO U101 or CSCI U138 or CSCI U150.

**INFO U347. Web page Construction (3)** Design of user-layer Web pages using HTML, JavaScript, Flash, and Dreamweaver, featuring graphic preparation, layout and effective presentation of information. Prerequisites: INFO U305 or INFO U303 or consent of instructor.

**INFO U399. Independent Study in Informatics (1-6)** Directed and self-guided research into topics of interest in the field of informatics. May be repeated for a maximum of 6 credit hours. Prerequisite: Consent of instructor.

**INFO U415. E-Commerce and the Internet (3)** Coordination and cultural challenges, value creation opportunities, and information management issues associated with various forms of electronic commerce including electronic data interchange, the World Wide Web, and the Internet in today's global economy. Prerequisite: CSCI U315 or consent of instructor.

**INFO U417. Information Privacy and Security (3)** Issues information management as they relate to the International Information Systems Security Certification Consortium's 10 security domains. The role of the security domains in the context of design, implementation, and maintenance of systems to include the legal and ethical aspects of privacy and security. Case studies covering these roles included. Prerequisites: CSCI U315 and CSCI U325 or Consent of Instructor.

**INFO U421. Data Warehousing and Decision Support Systems Technology (3)** Data warehousing, online analytical processing, and decision support systems. Topics include design and architectural issues, cost effectiveness, management concerns, data integrity, deployment, and maintenance issues. Prerequisite: CSCI U325 or consent of instructor.

**INFO U422. Knowledge-Based Systems (3)** Knowledge representation, intelligent decision systems, principals of rule-based systems, action rules, interestingness measures, distributed query answering. Select study of actual systems and applications in specific domains such as: medicine, business, communications, and education. Prerequisite: INFO U421 or consent of instructor.

**INFO U423. Human-Machine Interaction (3)** Concepts of interaction and how people acquire, store and use data including interface analysis and creation, human factors in perception, pattern recognition, speech recognition, attention, memory and expectation. Prerequisite: Senior standing or consent of instructor.

**INFO U424. Big Data (3)** Infrastructure, management, analysis, applications, visualization, architectures, security and privacy issues of large-volume, rapidly-changing, uncertain, unstructured data sources. Prerequisite: CSCI U325 or consent of Instructor.

**INFO U425. Cloud Management (3)** Fundamentals, management issues and architectures of cloud-based implementations, concepts, models, enabling technologies, security and cloud infrastructure. Prerequisite: CSCI U325 or consent of instructor.

**INFO U427. Cybersecurity Technology (3)** Network and security foundation, data recovery techniques, network vulnerability assessments and technologies, cyber intelligence and internet governance, anticipating attacks, using monitoring tools, and developing defensive strategies. Prerequisite: INFO U417 or HIMS U417 or consent of instructor.

**INFO U430. Intelligent Systems (3)** Concepts, fundamentals, and history of artificial intelligence, cognitive systems, and human cognitive augmentation. Social, ethical, and commercial implications of the application of recent advancements in machine learning, natural language interfaces, and thinking machines will be discussed. Prerequisite: Senior standing.

**INFO U440. Business Process Re-engineering & Workflow (3)** Information technology and communication requirements of, and cultural or social issues pertaining to, the flow of work through distributed information management processes in business and other organizations. Students taking the health informatics minor focus on applications in healthcare settings. Prerequisites: INFO U415 and senior standing or consent of instructor.

**INFO U441. IT Project Management (3)** Breakdown, estimation, lead-

ership of a diverse team, and the use of tools to ensure the completion of deliverables within budget and on schedule. Students taking the health informatics minor focus on applications in healthcare settings. Prerequisites: INFO U415 and senior standing or consent of instructor.

**INFO U445. Computer Forensics (3)** Recovery and analysis of digital evidence, legal and technical issues, and the use of modern forensics tools and techniques. Real-world case studies regarding security and investigative forensics processes are used. Prerequisite: INFO U417 or HIMS U417 or consent of instructor.

**INFO U450. Executive IT Management (3)** Issues and challenges facing IT executives including IT alignment and governance, consensus, executive leadership, oversight, return-on-investment analysis, project management, and risk management. Students taking the health informatics minor focus on applications in healthcare settings. Prerequisite: Senior standing and INFO U345, or consent of instructor.

**INFO U496. Special Topics in Informatics (1-6)** Current trends, events, software, hardware, and issues in informatics, information technology, and information management. May be repeated for a maximum of six credit hours. Prerequisites: Senior standing and consent of instructor.

**INFO U498. Experiential Learning in Information Management and Systems (3)** The application of learning in a professional setting. To complement and strengthen the Information Management and Systems academic program, students will complete a planned program of observation, study, and work in selected organizations with information management and systems offices. Student will have an opportunity to apply and articulate what they have learned in the classroom. Prerequisites: IMS major, senior standing and approval of instructor. Pass/fail credit.

**INFO U499. Senior Seminar in Information Management and Systems (3)** Integration of knowledge in information management and systems. Students will study and evaluate current innovations in technology and current applications of these systems. Case studies involving information systems technology will be used. Students will research and present new trends in technology. Students will experience an intensive and practice exercise in scholarship production. Class discussion will foster effective and creative implementation of research strategies, writing abilities, documentation procedures, portfolio development, and presentational skills. Prerequisite: Senior standing or consent of instructor.

## INTERNATIONAL STUDIES (INTL)

**INTL U399. International Studies Abroad (1-15)** Course placeholder for students studying abroad. Will be replaced by actual credit when transcript received.

## JOURNALISM (JOUR)

**JOUR U201. Survey of Mass Communication (3)** Survey of the principles, philosophies, policies and practices of the mass media with an overview of the print media, the broadcast media, and advertising/public relations. Prerequisite: ENGL U102.

**JOUR U302. Journalism's Role in History (3)** Analyzes the role of mass media from the colonization of America to the present. The interrelationships between journalism and American social, cultural, economic and political issues are explored. Prerequisite: ENGL U102.

**JOUR U303. Law and Ethics of the Mass Media (3)** South Carolina and federal law relating to mass communications, the Internet, and the ethics of the journalistic profession. Prerequisite: JOUR U201 or consent of instructor.

**JOUR U304. Writing for the Media (3)** Writing for print, broadcasting, public relations, the Internet, both news and non-news. Using word processors, students prepare exercise and copy both in class and out of class on set deadlines. Prerequisite: ENGL U101.

**JOUR U305. Mass Communication Theory (3)** The role of communication models such as the social learning theory, agenda setting, and cultivation theory in explaining the processes and effects of mass communications. Prerequisite: ENGL U102.

**JOUR U310. Mass Media and Society (3)** How mass media function and influence today's world. The interaction of mass media and contemporary culture is explored through an analysis of media examples. Prerequisite: ENGL U102.

**JOUR U315. International Media (3)** Exploration of different media systems around the world and the political, cultural, economic and technological issues surrounding global mass communication. Prerequisite: ENGL U102.

**JOUR U328. Fundamentals of Public Relations (3)** Inquiry into the role, influence and practice of planned and responsive communication between organizations and their multiple publics. Through exploring the foundations and evolving application of public relations, publicity and informational materials for varied purposes and audiences are produced using traditional and emerging industry tools. Prerequisite: ENGL U102.

**JOUR U330. TV Studio Production (3)** A combination of lectures and labs in a professional television setting. Fundamental skills in basic lighting, use of the audio board, directing, camera work, scene blocking, switching, and production sequences are practiced from the planning stage through post-production. Students produce short examples of contemporary television genres. Prerequisite: ENGL U102.

**JOUR U333. News and Feature Writing (3)** Practices in journalism and news media. The processes and skills needed to prepare news and feature copy against set deadlines are explored and applied. Prerequisite: JOUR U201.

**JOUR U334. Writing for Broadcasting (3)** Writing commercials, news stories, interview programs, documentaries for radio, television and film. Using word processors, students prepare copy in class against deadlines. Prerequisite: JOUR U201.

**JOUR U335. Video Editing (3)** Acquire skills in gathering and assembling electronic video and audio clips using non-linear editing system.

**JOUR U348. Illness, Culture and the Media (3)** Critical exploration of how media represent the experience, causes and social effects of illness in the United States and in selected contexts throughout the world. Particular attention is paid to the ways that stigma is attached to people with specific

health problems via print and electronic media portrayals and to the ways in which media can be used to combat public ignorance, fear and misperceptions of illness. Prerequisite: ENGL U102.

**JOUR U349. Health Messaging and the Media (3)** The construction of media messages designed to influence audience perceptions, attitudes, and behaviors in matters of personal and public health. Goals are to critically examine existing media health messages in medical industries, news, and popular culture and to learn professional techniques for researching and creating original messages and campaigns. Prerequisite: ENGL U102.

**JOUR U350. Social and Emerging Media (3)** Practical and theoretical overview of the impact of social media and other emerging technologies and platforms on both communication professions as well as culture and society. Topics include strategically creating and integrating tools such as blogs, interactive maps, online video, infographics, podcasts and social media platforms for use in journalism, public relations, and marketing. Prerequisite: ENGL U102 or consent of instructor.

**JOUR U360. Copyediting (3)** Intensive and technical overview of English grammar, mechanics, spelling, and general rules of the language as well as principles of writing strong sentences, paragraphs and professional documents. A combination of practical and theoretical lessons are explored, and emphasis is placed on grammar mechanics as well as different styles of writing, including Associated Press style. Special attention is placed on editing news stories, blog posts, and other public relations and journalism-specific documents. Offered online only. Prerequisites: SPCH U201.

**JOUR U398. Special Topics in Journalism (3)** A specific area or media field is explored relating to the professional responsibilities of the journalism student looking toward the career marketplace. Prerequisite: JOUR U201.

**JOUR U428. Public Relations Campaigns (3)** Exploration and application of the fundamental skills and processes needed for successful campaigns serving professional, corporate and nonprofit clients. All aspects of public relations campaigns including publicity materials, teamwork, developing timelines and budgets, and presenting proposals to clients are applied, culminating in a completed client-specific public relations plan. Prerequisite: ENGL U102 and JOUR U328 or consent of instructor.

**JOUR U429. Crisis Communication (3)** Introduces and implements strategies and tactics for organizations to avoid and mitigate crisis situations through effective communication with the public, government, and other stakeholders. Prerequisite: ENGL U102.

**JOUR U430. Media Management (3)** Procedures, problems, and concerns relating to the administration and management of media agencies -- print, broadcast, advertising, and public relations. Prerequisite: ENGL U102.

**JOUR U450. Women in the Media (3)** Roles women play in media production, and the portrayal of women in mass media genres including advertising, cartoons, day-time and prime-time dramas, films, video games, sports programs, political campaigns, and news. Emphasis is placed on the effects of media portrayals on women and solutions for countering negative media constructions of women. Prerequisite: ENGL U102 or consent of instructor.

**JOUR U480. Diversity in the Media (3)** Media's depiction of groups marginalized based on race, and/or class. The interactions and relationships among professional terminology, cultural implications, message construction, media analysis and community perceptions are explored. Prerequisite: ENGL U102 or consent of instructor.

## LIBRARY STUDIES (LIBR)

**LIBR U201. Strategies for Information Discovery (3)** Broad-based approach to developing information-seeking strategies and skills for academic and work-related research. Emphasis on process of research, effective search strategies, critical evaluation of sources, ethical use of information, emerging technologies and applications, and their use in research. Prerequisite: ENGL U102 or consent of instructor.

## LOGIC (LOGC)

**LOGC U205. Introduction to Logic and Rhetoric (3)** The identification and evaluation of reasoning as it occurs in natural language uses. The techniques of careful reading and clear writing are demonstrated through the production of critical essays. Two lecture and one laboratory hour per week. Prerequisite: ENGL U102.

**LOGC U207. Deductive Logic (3)** An examination of deductive arguments through the use of Aristotelian logic and propositional logic.

**LOGC U307. Advanced Symbolic Logic (3)** Advanced study of formal logic using propositional logic and predicate calculus. Prerequisite: LOGC U207 or consent of instructor.

## LOGISTICS AND SUPPLY CHAIN MANAGEMENT (LSCM)

**LSCM U381. Global Strategic Supply Chain Management (3)** Best practices for strategic global supply chain management, integration of global supply chain functions from raw materials to the final end user, and leveraging of global supply chain strategies for competitive advantage. Topics include designing global supply chain networks, developing and managing supply chain performance metrics, and identifying and mitigating supply chain risks. Prerequisites: 54 credit hours earned.

**LSCM U382. Logistics and Distribution Management (3)** The role of logistics and distribution within an organization's supply chain and business strategies. Design, management, and control of logistics systems, providing insight into the key functions and complex activities required to move goods through the supply chain including transportation, inventory management, warehousing, order fulfillment, facility location, and customer service will be emphasized. Prerequisites: 54 credit hours earned.

**LSCM U383. Supply Chain Management Systems (3)** Main types of supply chain software that support processes such as capacity planning, production management and planning, material planning, sourcing, and delivery of products. These software systems include enterprise

resource planning, customer relationship management, transportation management systems, warehouse management systems, electronic data interchange, and tracking technologies.

**LSCM U384. International Trade Compliance (3)** Knowledge and skills necessary to successfully perform international transactions from the United States, including importing, exporting, securing and optimizing international supply chains. Prerequisites: 54 credit hours earned.

**LSCM U385. Topics in Logistics and Supply Chain Management (3)** Contemporary areas of logistics and supply chain management. May be repeated with permission of advisor. Prerequisites: 54 credit hours earned.

**LSCM U455. Topics in Logistics and Supply Chain Management (3)** Contemporary areas of logistics and supply chain management. May be repeated with permission of advisor. Prerequisites: 54 credit hours earned.

## MATHEMATICS (MATH)

**Note:** *The appropriate entry level in mathematics is determined by the student's intended major and a mathematics placement examination given to all entering freshmen. Placement testing is also required for transfer students who have not completed their general education mathematics requirements.*

*Majors in the natural or computer sciences or mathematics who have completed three years of college preparatory mathematics and have demonstrated competence on the mathematics placement examination; should enroll in Mathematics U121, U126 or U127 as appropriate. Students who need both college algebra and trigonometry have the option of taking Mathematics U121 (with a grade of B or better) or U126, and Mathematics U127. Those who have demonstrated competence in college algebra can take Mathematics U127 to meet the calculus prerequisite. Upon successful completion of one of the precalculus options, students should enroll in Mathematics U141. Those who have completed four years of college preparatory mathematics, including trigonometry, and have demonstrated competence on the mathematics placement examination, should enroll in Mathematics U141.*

*Students not majoring in the natural or computer sciences, who have successfully completed high school Algebra I and II, and have demonstrated competence on the mathematics placement examination, should enroll as follows: business administration majors in the Mathematics U121, U122 sequence; elementary, early childhood, and special education majors in Mathematics U121, and U231; other majors in a mathematics course determined by their advisors.*

**MATH U102. Elementary Statistics (3)** The fundamentals of modern statistical methods, descriptive and inferential statistics, probability and sampling; primarily for students in fields other than mathematics who need a working knowledge of statistics. Prerequisites: high school Algebra I and II, or equivalent.

**MATH U120. College Mathematics (3)** Linear equations and inequalities, exponential equations, mathematics of finance, fundamental set theory, fundamentals of probability and statistics. This course may not be used to satisfy any prerequisite requirement for higher-numbered mathematics courses. Prerequisites: appropriate score on placement test and high school

Algebra I and II.

**MATH U121. College Algebra (3)** Equations and inequalities, graphing, polynomial, rational, exponential, logarithmic, and other functions; matrices and systems of equations. Only one of MATH U121 and U126 may be used to satisfy a mathematics requirement for general education or major credit. Prerequisites: appropriate score on placement test and high school Algebra I and II. For students who need a more intensive study, an expanded version of college algebra (MATH U121A) is available. MATH U121A is open to students who have an appropriate score on the placement test, have completed MATH U120 with the mandatory lab, or if the student, in consultation with his or her advisor, determines that extra instruction is needed in order to succeed in MATH U121.

**MATH U122. Calculus for Management and Social Sciences (3)** Derivatives and integrals of elementary algebraic, exponential and logarithmic functions; maxima, minima, rate of change, area under a curve, and volume. Problems and examples are drawn from a variety of areas which include economics, psychology, biology, geography, and geology. Prerequisite: MATH U121, U126 or eligibility for exemption from MATH U121.

**MATH U126. Precalculus I (3)** Subsets of the real number line; polynomial, rational, absolute value, exponential and logarithmic relations and functions. Only one of MATH U121 and U126 may be used to satisfy a mathematics requirement for general education or major credit. Prerequisites: appropriate score on placement test and three years of college preparatory mathematics; or a C or better in Mathematics 099 and three years of college preparatory mathematics.

**MATH U127. Precalculus II (3)** Trigonometric functions, trigonometric identities, solution of equations and triangles, inverse trigonometric functions, vectors, polar coordinates; analytic geometry. Prerequisite: appropriate score on placement exam or consent of instructor. Prerequisite or Corequisite: MATH U126.

**MATH U141. Calculus I (4)** Limits, continuity, the derivative, differentiation with applications in the natural sciences and engineering, antiderivatives, basic integrals with applications. Prerequisites: appropriate score on placement test and four years of college preparatory mathematics including trigonometry; or C or better in both MATH U126 and U127; or consent of instructor.

**MATH U142. Calculus II (4)** Applications of integration, techniques of integration, differential equations, parametric equations, and finite sequences and series. Prerequisite: MATH U141 or its equivalent.

**MATH U174. Elements of Discrete Mathematics (3)** Topics in basic logic; proof techniques; sets, relations, and functions; counting; and elementary number theory. Prerequisite: high school precalculus, or MATH U126 or equivalent, or consent of the instructor.

**MATH U202. Elementary Statistics II (3)** An expansion of topics taught in the first semester of elementary statistics such as hypothesis testing; inferences; correlation and regression. Additional topics to be covered include: multinomial experiments and contingency tables; analysis of variance; statistical process control; and individual projects. Prerequisites: MATH U102, or ECON U291, or SOCY U201, or PSYC U225.

**MATH U231. Basic Concepts of Elementary Mathematics I (3)** The meaning of number, fundamental operations of arithmetic, the structure of the real number system and its subsystems, elementary number theory. Open only to students in early childhood, elementary, middle grades, or special education. Prerequisite: Grade of C or better in MATH U121 or higher, not including statistics, or consent of the instructor.

**MATH U232. Basic Concepts of Elementary Mathematics II (3)** A continuation of the development of the real number system and its subsystems, basic concepts of probability, and elementary data analysis. Open only to students in early childhood, elementary, middle grades, or special education. Prerequisite: Grade of C or better in MATH U231 or consent of the instructor.

**MATH U233. Geometry and Measurement (3)** A study of properties and relationships of shape, size, and symmetry in two and three dimensions; explorations of concepts of motion in two and three dimensions through transformations. Open only to students in early childhood, elementary, middle grades, or special education. Prerequisite: MATH U231 or higher with a grade of C or better, or consent of the instructor.

**MATH U241. Calculus III (4)** Vectors and geometry of space, vector functions, partial derivatives, multiple integration, vector calculus and second order differential equations. Prerequisite: C or better in MATH U142 or its equivalent; or consent of instructor.

**MATH U245. Elementary Differential Equations (3)** Ordinary differential equations of first order, higher order linear equations, Laplace transform methods, series methods; numerical solutions of differential equations; applications to the physical sciences and engineering. Prerequisite: MATH U241.

**MATH U255. MATLAB Programming (3)** Programming language and techniques designed specifically for programs that rely on the application of mathematics for solution. Topics include variables, assignment statements, expressions, vectors and matrices, MATLAB scripts, input and output, selection statements, flow control, program organization, M-files, optimizing M-files, string manipulations, data structures, advanced functions, plotting, symbolic math toolboxes, variable precision arithmetic, and tricks and tips in MATLAB programming. Prerequisites: MATH U141 or consent of instructor.

**MATH U315. Statistical Methods I (3)** Review of descriptive statistics, testing statistical hypothesis, introduction to correlation, regression and linear regression models, model building, variable selection and model diagnostics. Prerequisite: MATH U102 or U141, or ECON U291, or SOCY U201, or PSYC U225, or consent of the instructor.

**MATH U320. Mathematical Modeling (3)** Graphs of functions as models, modeling using proportionality and geometric similarity, model fitting and models requiring optimization, experimental modeling, modeling using the derivative and interactive dynamic systems. Prerequisite: MATH U141.

**MATH U340. Mathematical Structures and Proof (3)** Topics in set theory, logic, elementary application of logic, methods of mathematical proofs, equivalence relations and partial orderings, functions and mappings, and number systems. Prerequisite: MATH U142.

**MATH U344. Linear Algebra I (3)** Matrices, systems of linear equations, vectors, Euclidean vector spaces, linear transformations, eigenvalues and eigenvectors. Prerequisites: MATH U142 or consent of instructor.

**MATH U345. Applied Partial Differential Equations (3)** Basic linear Partial Differential Equations (PDEs) of hyperbolic, parabolic, and elliptic types used in mathematical modelling of physical, chemical, biological and other phenomena, systems, technical devices and financial markets. Selected topics such as the boundary value and initial value problems are covered. Prerequisite: C or better in MATH U245 or consent of instructor.

**MATH U346. Modern Algebra I (3)** Group theory and introduction to rings. Topics include abelian groups, cyclic groups, permutations, group homomorphisms and isomorphisms, Cayley's theorem, normal subgroups, quotient groups and Lagrange's theorem. Prerequisite: MATH U340 or consent of instructor.

**MATH U354. Real Analysis I (3)** Ordered field properties of the real number system; completeness; theory of limits of sequences, series and functions; continuity (including uniform continuity); introduction to theory of the derivative. Prerequisites: MATH U340; or Corequisite: MATH U340 and consent of instructor.

**MATH U374. Theory of Discrete Mathematics (3)** Topics selected from theoretical Boolean algebra, algebraic structures, theory of computing, advanced set theory, and recursive functions. Prerequisites: MATH U142, MATH U174, or consent of the instructor.

#### **MATH U399. Independent Study (1-9)**

**MATH U444. Elements of Optimization (3)** The methods of the numerical solutions of optimization problems arising in operational research, logistics, economics, etc. Emphasis on the simplex and Karmarkar's polynomial-time method. Prerequisites: C or better in both MATH U241 and MATH U344 or consent of instructor.

**MATH U501. History of Mathematics (3)** A survey of the major developments and procedures of mathematics, from its origins to the modern era, relating development with the diverse cultures and the aspects of mathematics they contributed. Prerequisites: MATH U142 or consent of instructor.

**MATH U531. Foundations of Geometry (3)** Geometry as a logical system based upon postulates and undefined terms; fundamental concepts and relations of Euclidean geometry developed rigorously on the basis of a set of postulates; some topics from non-Euclidean geometry. Prerequisite: MATH U340 or consent of the instructor.

**MATH U544. Linear Algebra II (3)** Vector spaces, and subspaces; bases and dimension; change of basis; linear transformations and their matrices; diagonalization; canonical forms; bilinear forms; eigenspaces. Prerequisites: MATH U340, MATH U344.

**MATH U546. Modern Algebra II (3)** Advanced topics in groups, rings and fields. Topics include p-groups, polynomial rings, ideals, integral domains, extension fields and isomorphism theorems for groups and rings.

Prerequisite: MATH U346.

**MATH U552. Complex Variables (3)** Complex numbers and functions, complex integration, Taylor and Laurent series, residues, and conformal mapping. Prerequisite: MATH U340 or consent of the instructor.

**MATH U554. Real Analysis II (3)** Further development of the theory of differential and integral calculus including properties of the derivative and integral, Fundamental Theorem of Calculus, sequences and series of functions. Prerequisite: MATH U354.

**MATH U560. Numerical Analysis I (3) (=CSCI U560)** Difference calculus; direct and iterative techniques for matrix inversion; eigenvalue problems; numerical solutions of initial value problems in ordinary differential equations; stability; error analysis; laboratory applications. Prerequisites: MATH U245, U344 and programming competency.

**MATH U561. Numerical Analysis II (3)** The finite-difference and finite element methods for the numerical solution of basic linear Partial Differential Equations (PDEs) arising in mathematical modelling of physical, chemical, biological and other phenomena, systems, technical devices and financial markets. Prerequisites: C or better in both MATH U345 and MATH U560; or consent of instructor.

**MATH U579. Introduction to Industrial Mathematics (3)** Basic applications of PDEs, numerical methods for PDEs and scientific computing to applied problems arising in the natural sciences, industry, and financial engineering. Emphasis is on the formulation and solution of problems of heat transfer and diffusion equations, Maxwell's equations and differential equations governing the financial derivatives. Prerequisite: C or better in both MATH U345 and MATH U561 or consent of instructor.

**MATH U598. Topics in Mathematics (3)** Intensive study in an area of pure or applied mathematics such as mathematical modeling. Topics are selected to meet current faculty and student interest. Prerequisite: MATH U241 and consent of the instructor.

**MATH U599. Seminar in Mathematics (3)** Recent developments in pure and applied mathematics at an advanced level; ethical issues; and experience in research and oral presentation. Prerequisite: Senior Standing. Prerequisites or corequisites: MATH U344, MATH U346, and either MATH U315 or MATH U512.

## MANAGEMENT (MGMT)

**MGMT U290. Introduction to Business Information Systems (3)** Fundamentals of information systems, what they are, how they are used in business. Technical and organizational foundations of information systems, managing and using information systems, information systems development, and information technology trends will be emphasized. Course includes significant business application work. Prerequisites: CSCI U138.

**MGMT U371. Principles of Organizational Management (3)** Survey of functions of management as they pertain to organizational efficiency and effectiveness using written assignments and class discussions. A focus on group and individual dynamics, ethics, culture, leadership, decision-making, globalization, employee engagement, innovation and entrepreneurship, orga-

nizational change and workforce diversity. Prerequisite: 54 credit hours earned.

**MGMT U372. Operations Management (3)** Managing the direct resources required by the firm to create value through the production of goods, services, and information. There is a strong emphasis on supporting the decision-making process throughout organizations with quantitative tools and techniques. Topics may include process selection, quality tools including an introduction to statistical process control, inventory management techniques and JIT systems, project management, simulation techniques, and waiting lines analysis. Prerequisites: 54 credit hours earned, either ECON U291 or MATH U102, and one of the following: MATH U121, or MATH U122, or MATH U126, or Equivalent.

**MGMT U374. Management of Human Resources (3)** Principles, concepts, and techniques for effective and efficient utilization of personnel including human resource planning, recruiting, selecting, training, developing, appraising, compensating, and legal issues. Prerequisites: 54 credit hours and MGMT U371.

**MGMT U377. Advanced Organizational Behavior (3)** The study of the impact of individuals, groups and structure on behavior in a business organization in order to improve organizational performance. Prerequisites: 54 credit hours earned and MGMT U371.

**MGMT U378. The International Business Enterprise (3)** Forces and forms in international business: globalization, multinationals, entrepreneurship, environment, culture, strategy, impact, and the future. Prerequisites: 54 credit hours earned and MGMT U371.

**MGMT U380. Financial Concepts and Applications for New Ventures (3)** The basic concepts of accounting and finance as applied to new venture creation and operation. Topics include financial statement analysis, valuation, debt, equity financing, budgeting, and variance analysis. Non-Business Administration majors only. Prerequisites: 30 credit hours earned and one of the following: MATH U120, or MATH U121, or MATH U126, or MATH U141.

**MGMT U390. Strategic Management of Information Systems (3)** Strategic management and use of information systems (IS) in organizations. Topics include strategic use of IS resources, organizational impacts of IS use, IS and the design of work, IS and business processes, IS sourcing, IS governance, funding IS, managing IS projects, and IS related ethical issues. Prerequisites: 54 credit hours earned and MGMT U290 or CSCI U300 or INFO U201.

**MGMT U455. Topics Management (3)** Contemporary areas of management. May be repeated with permission of advisor. Prerequisites: 54 credit hours earned and MGMT U371.

**MGMT U471. New Business Enterprise (3)** Combining business concepts for creation of new enterprises; experiential focus of developing description of product and/or services, marketing and operational plans, and structuring management and organization of the entity. Prerequisites: 54 credit hours earned, and FINA U363 or MGMT U380.

**MGMT U475. Advanced Operations Management (3)** Theory and application of contemporary methods of managing production and service



operations. Topics may include linear programming, forecasting, master planning, material requirements planning, aggregate planning, an introduction to lean systems, supply chain management, product and process innovation, and competitive strategies in a global market. Prerequisites: MGMT U372, and one of the following: ECON U292, MATH U202, or equivalent.

**MGMT U476. Process Improvement (3)** Best practices for identifying, controlling, and improving the processes with which manufacturing and service organizations produce value. Topics may include problem solving, statistical process control, process capability, process improvement philosophy and strategies, advanced tools and applications for lean systems, and the Six Sigma methodology. Prerequisites: MGMT U372, and one of the following: ECON U292, or MATH U202, or equivalent.

## MILITARY SCIENCE (MILS)

*Note: Military Science offers a Basic Program and Advanced Program. There are no prerequisites for the courses offered under the Basic Program. Courses may be taken in any order, but it is recommended that the 100-level courses be taken prior to the 200-level courses. Prerequisites for entering the Advanced Program include one of the following: satisfactory completion of six semester hours in the Basic Program, 90 contact hours in ROTC activities, substitute military experience (Basic Training/Advanced Individual Training), or three years of JROTC. Successful completion of the Advanced Program, together with a college degree, qualifies the graduate for either a Reserve or Regular Army Commission as a Second Lieutenant in the U.S. Army. Advanced Program students are required to participate in the weekly Military Science Lab. Students in the basic program are encouraged to participate in the department's adventure training.*

### Basic Program

**MILS U101. Introduction to Leadership I (1)** Competencies critical for effective leadership. Cadets learn life skills, such as critical thinking, goal setting, time management, physical fitness, and stress management related to leadership, officership, and the army profession. Focus is on developing basic knowledge and comprehension of army leadership dimensions while gaining an understanding of the Reserve Officer Training Course (ROTC), its purpose for the army, and its advantages for the cadet. Open to all freshmen.

**MILS U102. Introduction to Leadership II (1)** Leadership fundamental such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Open to all freshmen.

**MILS U141. Leadership Lab (1)** Application of skills acquired in assigned military science classes. Leadership labs meet for three hours per week at varying off-campus locations to maximize training opportunities. The labs are sequential and progressive in nature, and correspond with every level of the military science classes. Lab participation is mandatory for all contracted cadets regardless of academic classification. Open to all students enrolled in military science courses. Course may be repeated for additional credit.

**MILS U201. Foundations of Leadership I (2)** Dimensions of creative and innovative tactical leadership strategies and styles. Cadets study team dynamics and historical leadership theories that form the basis of the army leadership framework and learn techniques of personal motivation and team building in the context of planning, executing and assessing team exercises. Cadets are encouraged to participate in leadership labs to demonstrate comprehension of class materials. Focus is on continues development of the knowledge of leadership values and attributes through an understanding of rank, structure, and duties, and basic aspects of tactics and land navigation. Open to all sophomores.

**MILS U202. Foundations of Leadership II (2)** Team-building and leadership theory, personal communications skills, team goal-setting and time-management skills. Cadets will explore the conduct of tactical operations at small unit levels. As potential army officers, cadets will be challenged to study, practice, and execute army leadership and values as they become more familiar with the army. Participation in leadership labs is highly encouraged for all enrolled cadets. Open to all sophomores.

### Advanced Program

**MILS U301. Tactical Leadership (3)** The study, practice, and evaluation of adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations are used to develop self awareness and critical thinking skills. Cadets analyze and evaluate their own leadership attributes, skills, and actions. Primary attention is given to preparation for LDAC and development of leadership abilities. Open to contracted juniors and seniors only. Prerequisites: MILS U202 or consent of Professor of Military Science.

**MILS U302. Applied Leadership (3)** Intense situational leadership challenges to build cadet awareness and skills in leading tactical operations. Cadets review aspects of combat, stability, and support operations. Cadets also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating and developing skills in decision making, persuading, and motivating team members in the contemporary operating environment. Open to contracted junior and graduate students only. Prerequisites: MILS U301 or consent of Professor of Military Science.

**MILS U401. Developmental Leadership (3)** Planning, executing, and assessing complex operations. Cadets function as staff members and provide leadership performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make ethical decisions, and provide mentorship to subordinate cadets. Participants are responsible for analyzing and evaluating the leadership values, attributes, skills, and actions of military science cadets while simultaneously evaluating their own leadership skills. Attention is given to preparation for future military assignments. Open to contracted seniors and graduate students only. Prerequisites: MILS U302 or consent of Professor of Military Science.

**MILS U402. Adaptive Leadership II (3)** The dynamics of leading in complex ongoing military operations in the current operating environment. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with governmental organizations, civilians on the battlefield, and host nation support, Significant emphasis is

on preparing cadets for their first units of assignment. Open to contracted senior and graduate students only. Prerequisites: MILS U401 or consent of Professor of Military Science.

## MARKETING (MKTG)

**MKTG U350. Principles of Marketing (3)** Exchange relationships between buyers and sellers in a dynamic global marketplace. Focus areas include: environmental analysis, marketing research, buyer behavior, marketing strategy, business ethics, and the societal impacts of marketing activity of integrated marketing organizations. Prerequisite: 54 credit hours earned.

**MKTG U351. Consumer Behavior (3)** Consumer decision-making processes in a dynamic global marketplace. Selected concepts from psychology, sociology, economics, anthropology, and other behavioral disciplines are examined to develop a managerial perspective on predicting and interpreting consumer responses to marketing strategies. Prerequisites: 54 credit hours earned and MKTG U350.

**MKTG U352. Marketing Communications (3)** Selection and implementation of promotional strategies in a dynamic global marketplace. Focus areas include: integrated marketing communication processes, psychological, sociological, and cultural factors influencing promotion decision making. Prerequisites: 54 credit hours earned and MKTG U350.

**MKTG U353. Marketing Channels (3)** Integration of business objectives with specific institutional characteristics to demonstrate marketing channel management as fundamental to success of the business enterprise. Research and the use of models in selected areas of channel management are emphasized. Prerequisite: MKTG U350.

**MKTG U452. International Marketing (3)** Selection of markets and the development of marketing strategy in a dynamic global marketplace. The influences of different demographic, political, legal, cultural, competitive economic, technological, and natural environments are highlighted in order to conduct business across political borders. Prerequisite: MKTG U350.

**MKTG U455. Topics in Marketing (3)** Study in selected current topics in marketing. May be repeated with permission of advisor. Prerequisites: MKTG U350.

**MKTG U456. Business Marketing (3)** Industrial, governmental, and non-profit sector markets as distinguished from personal household consumption. Topics include the methods used by marketers to create marketing strategies throughout an integrated supply chain in a dynamic global marketplace. Prerequisite: MKTG U350.

**MKTG U457. Marketing Research (3)** Research methods and procedures used in the marketing process. Particular emphasis is given to the sources of market data, sampling, preparation of questionnaires, collection and interpretation of data and the relation of market research to the policies and functions of the business enterprise. Emphasis is placed upon differences in life-style, beliefs and attitudes, and their influences upon the marketing decisions of the firm. Prerequisites: MKTG U350 and one of the following: ECON U291, MATH U102, or equivalent.

**MKTG U458. Marketing Management (3)** Strategic marketing decision-making in integrated organizations competing in the dynamic global marketplace. Focus areas include: the policy areas of an organization, marketing research, marketing strategy, buyer behavior, forecasting, cost and profit analysis, and total quality management. Prerequisites: MKTG U350, U351 and one of the following: MKTG U352, MKTG U452, MKTG U455, MKTG U456, MKTG U457 or MKTG U459.

**MKTG U459. Personal Selling and Sales Management (3)** Development of personal selling skills and management of sales function. Focus areas include: preparation, prospecting, interviewing, trial closes, handling objections, closing, after-sales support, recruitment, selection, motivation, training, development, compensation, supervision, and other managerial topics. Prerequisite: MKTG U350.

## MUSIC (MUSC)

**MUSCU100. Recital Attendance (1)** Appreciation of music styles through attendance at USC Upstate and community music performances. Students document concert attendance by submitting concert reports. Attendance required at Music Friday performances. Required of music majors for six semesters. Pass/fail credit.

**MUSCU101. Fundamentals of Music Theory (2)** Fundamentals of music including basic music reading such as rhythms, note names, treble and bass clefs, and key signatures, and basic theory topics such as intervals, solfege, chords and scales. Required for those that do not pass the theory portion of the music theory and aural skills placement exam. Pass/fail credit.

**MUSCU102. Fundamentals of Aural Skills (2)** Basic aural skills including singing and identifying intervals, solfege, and basic rhythmic dictation and performance. Required for those that do not pass the aural skills portion of the music theory and aural skills placement exam. Pass/fail credit.

**MUSC U110. Introduction to Music (3)** Comprehensive appreciation of music through intelligent listening to representative masterpieces of the various periods of musical composition. No previous study of music is required. Three class hours per week.

**MUSC U111A. Applied Music in Bass (1)** Individual study in bass performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U111B. Applied Music in Brass (1)** Individual study of performance on brass instruments (including, but not limited to, euphonium, horn, trombone, trumpet and tuba) requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U111C. Applied Music in Composition (1)** Individual study in composition requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of composing and score study. Prerequisite: Consent of Instructor. Portfolio may be required. **PLEASE NOTE: Students**

**who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111D. Applied Music in Percussion (1)** Individual study in percussion performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111G. Applied Music in Guitar (1)** Individual study in guitar performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111P. Applied Music in Piano (1)** Individual study in piano performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111R. Applied Music in Strings (1)** Individual study in strings (violin, viola or cello) performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111V. Applied Music in Voice (1)** Individual study in voice performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111W. Applied Music in Woodwinds (1)** Individual study of performance on woodwind instruments (including, but not limited to, clarinet, flute, oboe, and saxophone) requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU111Z. Applied Music in Songwriting (1)** Individual study in songwriting requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of study. Prerequisite: MUSC U115. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSCU115. Commercial Music Theory and Aural Skills I (3)** Music fundamentals review and an introduction to basic music theory concepts such as seventh chords, harmonic progressions and part writing, phrases, and simple syncopation, with related ear training and keyboard skills. The repertoire includes classical and commercial styles. Prerequisites: MUSC U101 or successful completion of the Music Theory placement exam, and MUSC U102 or successful completion of the Aural Skills placement exam, or consent of instructor.

**MUSCU116. Commercial Music Theory and Aural Skills II (3)** Basic and intermediate-level music theory topics such as diatonic progressions, non-

chord tones, syncopation, triplets and an introduction to chromatic harmony, with related musicianship skills (e.g., sight-reading, ear training, etc.) also applied to the student's primary instrument and to the piano. Concurrent enrollment in applied lessons and an ensemble is highly recommended. The repertoire includes classical and commercial styles. Prerequisites: C or better in MUSC U115, MUSC U156, or consent of instructor. Corequisite: MUSC U255 or consent of instructor.

**MUSCU126. Vocal Jazz Ensemble (1)** Performance and instruction in the vocal jazz idiom. Rehearsals, clinics, and performances are designed to increase the students knowledge of the jazz language. Prerequisite: Basic music reading skills and performance ability commensurate with music to be performed. Auditions may be required. May be repeated for additional credit.

**MUSCU127. Jazz Combo (1)** Rehearsal and performance of jazz literature in small ensemble setting. Prerequisite: Basic music reading skills and performance ability commensurate with music to be performed. May be repeated for additional credit.

**MUSCU128. Gospel Music Workshop (1)** The directed performance of traditional and contemporary gospel music. No audition or prior experience is necessary.

**MUSCU129. Upstate Vocal Ensemble (1)** Rehearsal and performance of choral literature that is representative of various musical styles including contemporary choral, jazz, pop, rock, musical theatre and classical. Students will study works for mixed choir, men's and women's choir. May be repeated for additional credit.

**MUSCU131. Guitar Ensemble (1)** Rehearsal and performance of guitar ensemble literature including jazz, pop, and classical genres. Students gain experience through rehearsals, clinics, and live performance. Prerequisite: Basic music reading skills and performance ability commensurate with music to be performed. Students must provide their own instruments. May be repeated for additional credit.

**MUSCU132. Chamber Choir (1)** Rehearsal and performance of vocal and choral literature that is representative of various musical eras. Students will rehearse and study various techniques required for performance of choral literature not normally associated with larger choirs. Prerequisite: Performance ability commensurate with music to be performed and consent of instructor. Auditions may be required.

**MUSCU133. Pep Band (1)** Rehearsal and performance of pep band literature including traditional and contemporary genres. Students gain experience through rehearsals, clinics, and live performance. Prerequisite: Basic music reading skills and performance ability commensurate with music to be performed. Auditions may be required.

**MUSCU134. Commercial Music Combo (1).** Rehearsal and performance in a variety of commercial music styles, including but not limited to rock, pop, R&B, soul, and country, in a small-ensemble setting. Topics covered include using live-audio technology such as digital mixers, wireless microphones, in-ear monitor systems, and MIDI control devices, as well as how to read and prepare chord and lyric charts and how to read notated sheet music. This course may be repeated for additional credit.

**MUSC U140. History of American Popular Music (3)** Representative artists, social and cultural significance, and historical recordings in the development of American popular music from the Colonial era through the end of the twentieth century. Styles of music covered include early American folk, ragtime, tin-pan alley, Dixieland-jazz, swing-jazz, country, blues, rhythm and blues, rock 'n' roll, psychedelic rock, heavy metal, punk/new-wave, soul, disco, funk, hip-hop, and electronic dance music.

**MUSCU145. Group Guitar (2)** Guitar instruction in a group setting focusing on traditional and contemporary music styles. Students provide their own instrument. May be repeated for additional credit.

**MUSC U155. Group Piano I (1)** Basic piano skills including note-reading, rhythmic studies, intervals, chords, scales, technique, and simple piano literature. May be repeated for elective credit.

**MUSC U156. Group piano II (1)** Piano skills including harmonic progressions, seventh chords, scales, realizing chord charts, harmonizing melodies, sight-reading, playbacks, technique, and simple piano literature. May be repeated for elective credit. Co-requisite: MUSC U115 or consent of instructor. Prerequisite: MUSC U155 or consent of instructor.

**MUSCU162. Intro to Music Technology (3)** The basics of music production using Digital Audio Workstation (DAW) software and Musical Instrument Digital Interface (MIDI) sequencing, including hardware and software setup, audio and MIDI recording, editing, arranging, mixing, and exporting, information-technology skills related to the distribution of digital content using online platforms, and writing about the aesthetic effects of different music production choices and techniques.

**MUSCU165. Singing Master Class (2)** Vocal technique practicum including tone production, breath management, technical studies and song literature in diverse styles. Lectures explore diverse topics related to commercial singing. Performance work culminates in a public presentation of talent. Recommended for commercial music majors, minors and non-majors.

**MUSC U166. Class Voice (2)** Vocal technique practicum including tone production, breath management, technical studies, and song literature in diverse styles. Lectures explore diverse topics related to commercial singing. The course culminates in a public performance incorporating newly acquired skills. Recommended for commercial music majors, minors and non-majors.

**MUSC U215. Commercial Music Theory and Aural Skills III (3)** Intermediate-level music theory topics such as secondary dominants, modulation, modes, syncopation, compound meter, and an introduction to advanced-level playbacks, with related musicianship skills (e.g., sight-reading, ear training, etc.) also applied to the student's primary instrument and to the piano. Concurrent enrollment in applied lessons and an ensemble is highly recommended. The repertoire includes classical and commercial styles. Prerequisites: C or better in MUSC U116, MUSC U255, consent of instructor.

**MUSC U216. Commercial Music Theory and Aural Skills IV (3)** Upper-intermediate to advanced-level music theory topics such as form, extended chords, chromatic harmony, and irregular meters, with related musicianship skills (e.g., sight-reading, ear training, etc.) also applied to the student's primary instrument and to the piano. Concurrent enrollment in applied lessons and an ensemble is highly recommended. The repertoire includes

classical and commercial styles. Prerequisites: C or better in both MUSC U215 and MUSC U255 or consent of instructor.

**MUSC U255. Group Piano III (1)** Piano skills including scales, diatonic and non-diatonic harmonic progressions, realizing chord charts, harmonizing melodies, intermediate-level sight-reading, improvisation, playbacks, and simple piano literature. May be repeated for elective credit. Co-requisite: MUSC U116 or consent of instructor. Prerequisite: MUSC U115 and MUSC U156, or consent of instructor.

**MUSC U256. Group Piano IV (1)** Piano skills including scales, diatonic and non-diatonic harmonic progressions, realizing chord charts, harmonizing melodies, intermediate-level sight-reading, improvisation, playbacks, and simple piano literature. May be repeated for elective credit. Co-requisite: MUSC U215 or consent of instructor. Prerequisite: MUSC U116 and MUSC U255, or consent of instructor.

**MUSC U266. Class Voice (2)** Vocal technique practicum including tone production, breath management, technical studies, and song literature in diverse styles. Lectures explore diverse topics related to commercial singing. The course culminates in a public performance incorporating newly acquired skills. Recommended for commercial music majors, minors and non-majors.

**MUSC U301. Music History I (3)** A review of music from the Middle Ages through the classic era of the early nineteenth century focusing on composers and musical genres. Prerequisite: MUSC U110 and ENGL U102 or consent of instructor.

**MUSCU302. Music History II (3)** A review of music from the early nineteenth century through contemporary music focusing on composers and musical genres. Prerequisite: MUSC U110 and ENGL U102 or consent of instructor.

**MUSC U303. Western Music History and Repertoire (3)** Review of Western art music from antiquity through the late twentieth century focusing on the development of contemporary genres and techniques through historical and analytical examination of representative composers and musical works of the past. Genres covered include the symphony, the opera, the mass, popular song, dance music, and film music. Prerequisite: MUSC U110, MUSC U115 and ENGL U102 or consent of instructor.

**MUSCU310. Jazz History (3)** Origin, development, and styles of jazz music and its innovators. Cultivation of critical listening skills and study of classic and contemporary jazz recordings. Prerequisite: ENGL U102.

**MUSC U311A. Applied Music in Bass (1)** Individual study in bass performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311B. Applied Music in Brass (1)** Individual study of brass instruments (including, but not limited to, euphonium, horn, trombone, trumpet, and tuba) requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to Advanced performance ability and consent of instructor. Auditions

may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311C. Applied Music in Composition (1)** Individual study in composition requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of composing and score study. Prerequisite: Intermediate to advanced level composition skill and consent of instructor. Portfolio may be required. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311D. Applied Music in Percussion (1)** Individual study in percussion performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311G. Applied Music in Guitar (1)** Individual study in guitar performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311I. Applied Music in Improvisation (1)** Individual study in music improvisation requiring weekly 30-minute lessons for 12 weeks and an additional four hours per week of practice. An additional fee is assessed. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311P. Applied Music in Piano (1)** Individual study in piano performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311R. Applied Music in Strings (1)** Individual study in strings (violin, viola or cello) performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311V. Applied Music in Voice (1)** Individual study in voice performance requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reim-**

**bursement or refund.**

**MUSC U311W. Applied Music in Woodwinds (1)** Individual study of performance on woodwind instruments (including, but not limited to, clarinet, flute, oboe, and saxophone) requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of practice. Prerequisite: Intermediate to Advanced performance ability and consent of instructor. Auditions may be required. May be repeated for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U311Z. Applied Music in Songwriting (1)** Individual study in songwriting requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of study. Prerequisite: Intermediate to Advanced songwriting skill, MUSC U115, and consent of instructor. Portfolio may be required. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U312. Applied Music for Non-Majors (1)** Individual study in composition, songwriting, or performance on brass, percussion, piano/keyboards, strings, voice, or woodwind instruments requiring weekly 30-minute lessons for twelve weeks and an additional four hours per week of composing, songwriting, or practicing. Designed for non-majors; music majors may only take this course for elective credit. May be repeated up to eight times for additional credit. **PLEASE NOTE: Students who withdraw from this course will not receive a tuition or fee reimbursement or refund.**

**MUSC U315. Analysis of Popular Music (3)** Techniques for analyzing various styles of popular music. The methodologies may include formal, harmonic, musicological, rhythmic, textural, and timbral analysis, for which aural and transcription skills at an intermediate-level are required. Additional approaches may include cultural studies and music perception at the discretion of the instructor. Prerequisite: MUSC U140 and MUSC U216, or consent of instructor.

**MUSC U325. Jazz Theory (3)** Elements of jazz composition and improvisation such as chords, chord voicings, harmonic function, reharmonization, scales and modes, chord/scale relationships, form, swing rhythm, and related ear training. Prerequisites: C or better in MUSC U215 or consent of instructor.

**MUSC U326. Vocal Jazz Ensemble (1)** Performance and instruction in the vocal jazz idiom. Rehearsals, clinics, and performances are designed to increase the student's knowledge of the jazz language. Prerequisite: Intermediate music reading skills and performance ability commensurate with music to be performed. Auditions may be required.

**MUSC U327. Jazz Combo (1)** Rehearsal and performance of jazz literature in a small ensemble setting. Prerequisite: Intermediate music reading, performance ability commensurate with music to be performed, and consent of instructor. Auditions may be required. May be repeated for additional credit.

**MUSC U328. Gospel Music Workshop (1)** The directed performance of traditional and contemporary gospel music. Prerequisite: Previous gospel choir experience and performance ability commensurate with music to be performed. Auditions may be required.

**MUSC U329. Upstate Vocal Ensemble (1)** Rehearsal and performance

of choral literature that is representative of various musical styles including contemporary choral, jazz, pop, rock, music theatre and classical. Students will study works for mixed choir, men's choir and women's choir. Audition may be required.

**MUSC U331. Guitar Ensemble (1)** Rehearsal and performance of guitar ensemble literature including jazz, pop, and classical genres. Prerequisite: Intermediate music reading skills and performance ability commensurate with music to be performed. Auditions may be required.

**MUSC U332. Chamber Choir (1)** Small performing vocal group for men and women. Prerequisite: Intermediate music reading and performance ability commensurate with music to be performed. Auditions required.

**MUSC U333. Pep Band (1)** Rehearsal and performance of pep band literature, including traditional and contemporary genres. Students gain experience through rehearsals, clinics, and live performance. Prerequisite: Intermediate music reading skills and performance ability commensurate with music to be performed. Auditions may be required.

**MUSC U334. Commercial Music Combo (1).** Rehearsal and performance in a variety of commercial music styles, including but not limited to rock, pop, R&B, soul, and country, in a small-ensemble setting. Topics covered include using live-audio technology such as digital mixers, wireless microphones, in-ear monitor systems, and MIDI control devices, as well as how to read and prepare chord and lyric charts and notated sheet music, and how to lead an ensemble. This course may be repeated for additional credit. Prerequisite: Audition and MUSC U134, or consent of instructor.

**MUSC U335. Singing Master Class (3)** Vocal technique practicum including tone production, breath management, vocal anatomy and hygiene, technical studies and song literature in diverse styles. Lectures explore diverse topics related to commercial singing. Performance work culminates in a public presentation. Recommended for commercial music majors and minors. Auditions may be required.

**MUSC U339. Musical Theatre Voice (3).** Study, rehearsal and performance of musical theatre vocal literature with emphasis on musical theatre style, stage movement, vocal technique, and scene study. Recommended for music majors. Auditions may be required.

**MUSC U345. Jazz Improvisation I (3)** Principles of improvisation including idiomatic chord progressions, blues scales, patterns, melodic development, and tune styles. This is primarily a lecture class; however, students may be required to demonstrate improvisational skills on their instrument. Prerequisite: MUSC U325 or consent of instructor.

**MUSC U346. Jazz Improvisation II (3)** Advanced principles of improvisation including idiomatic chord progressions, formal analysis of tunes, modal scales, melodic development, and aural skills. This is primarily a lecture class; however, students may be required to demonstrate improvisational skills on their instrument. Prerequisite: MUSC U345 or consent of instructor.

**MUSC U361. Music Business (3)** Publishing, licensing, booking, copyrights, contracts, artist management, promotional materials, royalties, and press kits applicable to the music industry. Prerequisite: ENGL U102 or consent of instructor.

**MUSC U362. Music Technology (3)** Intermediate-level recording, editing, and arranging of music using digital audio workstation (DAW) software, MIDI / software instruments, and music notation software. Topics covered include the use of music notation software, intermediate-level software synthesis and sampling, and intermediate-level digital audio production techniques such as microphone placement, plug-in processing, and post-production mastering. Prerequisite: MUSC U101 and MUSC U162 or consent of instructor.

**MUSC U364. Music Entrepreneurship (3)** Career choices and portfolio development in the commercial music industry. Prerequisite: Junior or senior class standing or permission of instructor.

**MUSC U365. Songwriting (3)** Methods of writing melodies, lyrics, and chord progressions with an emphasis on contemporary commercial music styles. Prerequisite: MUSC U115 or consent of instructor.

**MUSC U366. Composition (3)** Developing thematic material with contemporary and traditional techniques. Ability to read music required. Prerequisite: MUSC U216 or MUSC U325 or consent of instructor.

**MUSC U367. Arranging for Ensembles (3)** Methods and resources needed to create music for jazz bands, vocal groups, and other ensembles with an emphasis on both traditional and contemporary music styles. Prerequisite: MUSC U216 or MUSC U325 or consent of instructor.

**MUSC U398. Selected Topics in Music (3)** Reading and research on selected topics in music. Prerequisite: ENGL U102.

**MUSC U399. Independent Study in Music (1-3)** An individualized program of study in the student's area of interest and in consultation with a faculty member. Prerequisite: Consent of instructor.

**MUSC U490. Senior Seminar in Commercial Music (3)** Research and study on selected music topics designed to integrate knowledge, develop a career portfolio, use technology, and gain experience in public presentation. The study topic will be presented as a lecture-recital. Only open to approved Commercial Music majors. Prerequisite: SPCH U201, lower division Music core completed, 12 credits of upper-division Music core, 9 credits in upper division Commercial Music Emphasis, and demonstrated performance ability at an upper-intermediate level. Department permission required.

**MUSC U499. Internship in Commercial Music (1-3)** Supervised work experience in commercial music outside the classroom. For three credit hours, a student is to work 135 hours; for two credit hours, 90 hours; for one credit hour, 45 hours. A contract must be signed by the student and appropriate faculty/administrators. Only open to Commercial Music majors or minors. Prerequisite: Junior or senior standing, minimum overall GPA 2.0, minimum 2.0 in major, and consent of the faculty supervisor.

## NONPROFIT ADMINISTRATION (NPAD)

**NPAD U201. Nonprofit Leadership Workshop (1)** Application of knowledge and skills reflecting essential nonprofit competencies of the Nonprofit Leadership Alliance Certification (CNP), practical experience in nonprofit organizations, leadership abilities, and meaningful service. Course may be repeated for a maximum of 4 semester hours.

**NPAD U301. The Nonprofit Sector in the United States (3)** The importance of the nonprofit sector in the United States emphasizing the history, the relationship to business and government and the place of the nonprofit sector within American society generally. Prerequisite: Sophomore standing (30 semester hours).

**NPAD U302. Nonprofit Leadership (3)** The fundamentals of nonprofit administration to include leadership, legal foundations, board development, the role of volunteers, nonprofit advocacy and ethics.

**NPAD U303. Nonprofit Financial Administration (3)** Financial management within the nonprofit sector emphasizing strategic planning, budgeting, accountability, risk management and control. Prerequisite: NPAD U302 or consent of instructor.

**NPAD U304. Fund Raising for Nonprofit Organizations (3)** Fundamentals of resource development in the nonprofit sector including strategic planning, principles of philanthropy, proposal writing, event planning, and charitable trusts. Prerequisite: NPAD U302 or consent of instructor.

**NPAD U399. Independent Study (1-4)** An individualized, contracted program of study planned in conjunction with a faculty member. Prerequisites: NPAD U301 and consent of instructor.

**NPAD U401. Topics in Nonprofit Leadership (3)** Study in selected topics in nonprofit administration. Emphasis upon competencies necessary for emerging leaders in the nonprofit sector. May be repeated with permission of advisor. Prerequisite: NPAD U301.

**NPAD U404. Social Entrepreneurship (3)** Introduction to the history, theory and emerging activities of social entrepreneurship. Course topics also cover nonprofit administration skills for social entrepreneurial organizations, scaling of social impact and social performance measurement. Prerequisite: NPAD U301 or permission of instructor.

**NPAD U499. Field Experience in Nonprofit Leadership (1-6)** Supervised work experience in a nonprofit organization. Forty-five hours of work for each credit hour are required. Prerequisites: NPAD U301, junior or senior standing and consent of instructor.

## **NURSING (NURS)**

**NURS U230. Medical Terminology (3) (=BIOL U230)** Introduction to medically oriented terminology, including roots, prefixes, suffixes, combining forms, and common abbreviations. Emphasis on using terminology related to anatomy. Physiology, pathology, diagnoses, medical procedures, pharmacology, and instrumentation. Not for major credit.

**NURS U301. Nutrition (3)** Nutritional needs across the life span and related strategies for promotion and maintenance of health. Concepts include nutrients, food groups, nutritional guidelines, and common diet modifications.

**NURS U306. Introduction to Professional Nursing (3)** Concepts and theories that have shaped professional nursing practice. Critical thinking skills in the decision-making process will be introduced. Prerequisite: Admission to the Baccalaureate Nursing Program, Four-Year track.

**NURS U308: Pathophysiological Topics in Health Care (3)** Expansion of critical thinking and understanding of the human disease process. Prerequisite: C or better in both BIOL U243/L and BIOL U244/L.

**NURS U310. Health Assessment (3)** Comprehensive health assessment of well individuals across the life span. Emphasis is on data collection and the application of concepts and skills used in the comprehensive health assessment of patients as a basis for critical thinking in nursing practice. Practicum required. For Four-Year track, Prerequisite: Admission to Baccalaureate Nursing Program; Prerequisite or Corequisite: NURS U306. For RN track, Prerequisite: Admission to the Baccalaureate Nursing Program, or consent of instructor.

**NURS U320. Foundations of Nursing (6)** Application of knowledge and skills to integrate fundamentals of nursing care using the nursing process to build on knowledge and skills attained from health promotion, health assessment, nursing foundations and introduction to professional nursing. Prerequisite: Admission to the Baccalaureate Nursing Program, Four-Year track; Prerequisite or Co-requisites: NURS U306, NURS U308 (or BIOL U370), NURS 310; Co-requisite: NURS 320P.

**NURS U320P. Foundations of Nursing Practicum (0)** Implementation of fundamentals of nursing care utilizing knowledge, cognitive and psychomotor skills, and the nurse process in a variety of adult focused health care settings. A minimum of 84 practicum hours required. Corequisite: NURS U320.

**NURS U330. Health Alterations I (6)** Evidence-based nursing practice with adults experiencing health alterations, moving from simple to complex states of health and levels of care. Prerequisites: NURS U306, NURS U308 or BIOL U370, NURS U310, NURS U320, NURS U320P, NURS U375. Corequisite: NURS U330P or NURS U331P.

**NURS U330P. Health Alterations I Practicum (0)** Implementation of evidence-based nursing practice, progressing in complexity, in a variety of settings with adults experiencing health alterations. A minimum of 84 practicum hours required. Corequisite: NURS U330.

**NURS U331P. International Health Alterations I Practicum (0)** Implementation of evidence-based nursing practice, progressing in complexity, in an international setting with adults experiencing health alterations. A minimum of 84 practicum hours required. Language course preparation may be required. Corequisite: NURS U330.

**NURS U340. Nursing of Childbearing Families and Women's Health (5)** Evidence-based nursing practice for women and parent-newborn dyad. Focus is on nursing interventions that promote, maintain and restore health of well and high-risk families during the childbearing process and women's health throughout the life span. Prerequisites: NURS U306, NURS U308 or BIOL U370, NURS U310, NURS U320, NURS 320P, NURS U375; Corequisite: NURS U340P or NURS U341P.

**NURS U340P. Nursing of Childbearing Families and Women's Health Practicum (0)** Implementation of concepts and skills to provide for families throughout the childbearing process and women throughout their life span. Practica are in traditional and non-traditional facilities. A minimum of 56 practicum hours required. Corequisite: NURS U340.

**NURS U341P. International Nursing of Childbearing Families and Women's Health Practicum (0)** Implementation of concepts and skills to provide for families throughout the childbearing process and women throughout their life span in an international setting. A minimum of 56 practicum hours required. Language course preparation may be required. Corequisite: NURS U340.

**NURS U350. Professional Nursing Role Transition (3)** Theories of nursing, systems, family, teaching-learning, practice, education, role and change that are central to current professional nursing practice. Prerequisite: Admission to the RN-BSN track.

**NURS U360. Child Health Nursing (5)** Evidence-based nursing practice for children. Emphasis is on health promotion, maintenance and restoration, using a family-centered approach. Prerequisites: NURS U306, NURS U308 or BIOL U370, NURS U310, NURS U320/U320P, NURS U375. Corequisite: NURS U360P or NURS U361P.

**NURS U360P. Child Health Nursing Practicum (0)** Implementation of evidence-based nursing practice for children and their families, in both acute care and community settings. A minimum of 56 practicum hours required. Corequisite: NURS U360.

**NURS U361P. International Child Health Nursing Practicum (0)** Implementation of evidence-based nursing practice for children and their families in an international setting. A minimum of 56 practicum hours required. Language course preparation may be required. Corequisite: NURS U360.

**NURS U375. Pharmacology (3)** Concepts underlying the pharmacotherapeutics of major drug classifications, including pharmacokinetics, pharmacodynamics, adverse drug reactions, and fundamental nursing decision making situations as related to pharmacology. Drug dosage computation is included. Prerequisite: NURS U301, U308 or BIOL U370 and Admission to the Baccalaureate Nursing Program. Corequisite: NURS U306, U310, U320P.

**NURS U398. Nursing Externship (3-8)** A concentrated preceptored experience in nursing enabling the student to expand previous clinical practice experiences and further develop skills in clinical reasoning, critical thinking, organization, and prioritization. For three externship credit hours, a minimum of 135 hours of scheduled clinical experiences, weekly seminars, and consultation with the instructor are required. A minimum of 45 hours for each additional credit hour is required. A student may repeat NURS U398 once in a different clinical setting for a total of not more than eight hours of undergraduate credit. Prerequisites: NURS U330, NURS U330P, NURS U340, NURS U340P, NURS U360, and NURS U360P. Pass/fail credit.

**NURS U399. Independent Study (1-3)** An individual learning experience in an area of special interest planned in conjunction with a nursing faculty member. For Four-Year track, Prerequisites: NURS U330, U330P, U340, U340P, U360, U360P; or consent of instructor. For RN-BSN track, Prerequisite: NURS U350; or consent of instructor.

**NURS U410. Health Alterations II (6)** Builds upon Health Alterations I and continues to focus on evidence-based nursing practice, progressing in complexity, in a variety of settings with adults experiencing health alterations, moving from simple to complex states of health and levels of care. Prerequisites: NURS U330, U330/U331P, U340, U340/U341P, U360, U360/

U361P, U375. Corequisite: NURS U410P or U412P.

**NURS U410P. Health Alterations II Practicum (0)** Builds upon Health Alterations I and related practicum and continues implementation of evidence-based nursing practice, progressing in complexity, in a variety of settings with adults experiencing health alterations. A minimum of 84 practicum hours required. Corequisite: NURS U410.

**NURS U411P. Nursing Internship (2-4)** A guided practicum experience utilizing clinical decision-making skills in a health care setting. For two internship credit hours, a minimum of 90 hours of scheduled clinical experiences, seminars, and consultation with faculty are required. A minimum of 45 hours for each additional credit hour is required. For Four-Year track, Prerequisites: NURS U330, U330/U331P, U340, U340/U341P, U360, U360/U361P. For RN-BSN track, Prerequisites: NURS U310, U350.

**NURS U412P. International Health Alterations II Practicum (0)** Builds upon Health Alterations I and related practicum and continues implementation of evidence-based nursing practice, progressing in complexity, in an international setting with adults experiencing health alterations. Minimum of 84 practicum hours required. Language course preparation may be required. Corequisite: NURS U410.

**NURS U420. Current Topics in Nursing (3)** Intensive study in a specialized area of professional nursing or a topic related to current health care practice. Selected area or topic is based on student interest and faculty expertise. Experiential learning activities may be required. For Four-Year track, Prerequisites: NURS U330, NURS U330P, NURS U340, NURS U340P, NURS U360, NURS U360P, NURS U425; Prerequisites or Corequisites: NURS U410, NURS U410P. For RN Completion track, Prerequisites: NURS U350, NURS U310; Prerequisite or Corequisite: NURS U425. Selected topics may be of interest to non-nursing majors. Non-nursing majors who have completed at least 60 credit hours, including completion of six hours of Group VIII General Education Requirements and one course which includes basic research methodology, and who have a collegiate summary GPA of 2.5 or higher may enroll with consent of the instructor. A student may take the course more than once as long as the repeat course is a different topic from previously completed NURS U420 course.

**NURS U425. Evidence-Based Practice (3)** Introduction to the language and underlying concepts as a basis for reading, understanding, and utilizing research as a source of evidence for guiding practice. For the Four-Year track, Prerequisites: all required 300-level nursing courses. For the RN-BSN Completion track, Prerequisite: NURS U350, or consent of instructor.

**NURS U427. Digital and Information Literacy for Nurses (3)** An intensive study of essential digital, media and information literacies and their conceptual underpinnings critical to nursing practice in increasingly technology-mediated healthcare environments. Learners engage with new technology uses and skills while practicing proficient information analysis, synthesis and management with specific emphasis on nursing and healthcare contexts. Prerequisites: NURS U310 and NURS U350.

**NURS U428. Quality and Patient Safety (3)** Learn and utilize quality and safety competencies to improve quality of nursing care to understand and use quality improvement concepts, process and outcome measures. Learn to conduct basic quality and safety investigations; development of quality



improvement action plans and outcome measures; and monitor the results of those action plans within the clinical microsystems. Prerequisite: NURS U350.

**NURS U430. Leadership in Nursing Practice (3)** Principles of leadership, management, and followership as they relate to the role of the professional nurse within the sociopolitical health care system. Emphasis is on first level management, team leadership, client advocacy, communication, critical thinking, decision making, role development within the profession, theoretical models, cultural diversity, and ethical leadership issues. For Four-Year track, Prerequisites: NURS U330, U330P, U340, U340P, U360, U360P, U375; Corequisites: none. For RN-BSN Completion track, Prerequisite: Admission to the BSN Program; Prerequisite or Corequisite: NURS U350.

**NURS U441. Psychiatric Mental Health Nursing (6)** Evidence-based psychiatric mental health nursing practice. Emphasis is on the promotion of mental health and prevention of mental illness, and on nursing interventions related to primary mental health alterations across the life span. Prerequisites: NURS U330, U330/U331P, U340, U340/U341P, U360, U360/U361P, U375. Corequisite: NURS U441P or NURS U442P.

**NURS U441P. Psychiatric Mental Health Nursing Practicum (0)** Implementation of evidence-based psychiatric mental health nursing practice in a variety of settings. Emphasis is on promotion of mental health and prevention of mental illness and on nursing interventions with individuals and groups of clients experiencing mental health alterations. Minimum of 84 practicum hours required. Corequisite: NURS U441.

**NURS U442P. International Psychiatric Mental Health Nursing Practicum (0)** Implementation of evidence-based psychiatric mental health nursing practice in an international setting. Emphasis is on promotion of mental health and prevention of mental illness and on nursing interventions with individuals and groups of clients experiencing mental health alterations. Minimum of 84 practicum hours required. Language course preparation may be required. Corequisite: NURS U441.

**NURS U450. Health Alterations III (5)** Builds upon Health Alterations I & II and continues to focus on evidence-based nursing practice with adults experiencing health alterations, moving from simple to complex states of health and levels of care. For Four-Year track, Prerequisites: NURS U410, U410/U412P, U425, U430, U441, U441/U442P; Corequisite: NURS U450P or NURS U451P.

**NURS U450P. Health Alterations III Practicum (0)** Builds upon Health Alterations Practica I & II and continues implementation of evidence-based nursing practice, progressing in complexity, in a variety of settings with adults experiencing health alterations. Minimum of 56 practicum hours required. Corequisite: NURS U450.

**NURS U451P. International Health Alterations III Practicum (0)** Builds upon Health Alterations Practica I & II and continues implementation of evidence-based nursing practice, progressing in complexity, in an international setting with adults experiencing health alterations. Minimum of 56 practicum hours required. Language course preparation may be required. Corequisite: NURS U450.

**NURS U461. Community and Public Health Nursing (6)** Evidence-based

nursing with individuals across the life-span, families and other diverse population groups. Levels of prevention are explored in relationship to epidemiology and the effects of environment and life-style on client health. For Four-Year track, Prerequisites: NURS U425; Prerequisite or Corequisite: NURS U450, U450P, U497; Corequisite: U461P or NURS U471P. For RN-BSN track, Prerequisites: NURS U350; Corequisite: NURS U461P or NURS U471P.

**NURS U461P. Community and Public Health Nursing Practicum (0)** Implementation of evidence-based community and public health nursing practice in health promotion, maintenance, and restoration in individuals across the life-span, families, and other diverse population groups in community settings. Minimum of 84 practicum hours required. Corequisite: NURS U461.

**NURS U471P. International Community and Public Health Nursing Practicum (0)** Implementation of evidence-based community and public health nursing practice in health promotion, maintenance, and restoration in individuals across the life-span, families, and other diverse population groups in an international setting. Minimum of 84 practicum hours required. Language course preparation may be required. Prerequisites: For Four-Year track students: completion of all first semester junior courses and consent of instructor. Corequisite: NURS U461.

**NURS U497. Professional Nursing Issues (2)** Critical exploration of interrelated historical, sociopolitical, and cultural issues impacting the professional nurse and the quality and delivery of health care. Prerequisite: final semester of the curriculum or consent of instructor.

**NURS U499P. Senior Practicum in Professional Nursing (3)** Capstone practicum, in a precepted setting, that provides opportunities to synthesize and apply knowledge and skills necessary to function as a beginning professional nurse. Emphasis is on the application of evidence-based knowledge in planning, delivering and evaluating nursing practice consisting of 124 hours of practicum. Prerequisites: NURS U410, U410P/U412P, U425, U430, U441/U442P/U441P. Prerequisites or Corequisites: NURS U450, U450P/U451P, U461, U461P/U471P, U497. Pass/fail credit.

## PHILOSOPHY (PHIL)

**PHIL U102. Introduction to Philosophy (3)** Introduction to the main problems of philosophy and its methods of inquiry, analysis and criticism. Works of important philosophers are read.

**PHIL U201. History of Ancient Philosophy (3)** Introduction to the development of philosophy in the ancient world.

**PHIL U202. History of Modern Philosophy (3)** Introduction to the development of post-Renaissance philosophy with primary emphasis on the seventeenth and eighteenth centuries.

**PHIL U211. Contemporary Moral Issues (3)** Moral issues confronting men and women in contemporary society. Topics vary but may include discussion of problems related to abortion, drugs, euthanasia, war, social engineering, and punishment of criminals.

**PHIL U309. Philosophy of Mind (3)** A study of traditional problems per-

taining to understanding the concept of mind, for example, the mind-body relation, personal identity, and theories of consciousness.

**PHIL U311. Ethics (3)** The moral principles of conduct and the basic concepts underlying these principles, such as good, evil, right, wrong, justice, value, duty and obligation. The ethical works of influential philosophers are analyzed in terms of these concepts.

**PHIL U319. Epistemology (3)** The nature and foundations of knowledge with consideration of skepticism and problems of perception.

**PHIL U321. Ethics of Computer and Information Technology (3)** Moral issues raised by the use of computer and information technology. Topics include privacy, property rights, freedom of expression, and social justice. Prerequisite: Junior level standing or permission of the instructor.

**PHIL U390. Topics in Philosophy (3)** Selected topics in philosophy, planned around areas of interest. Prerequisite: junior or senior standing or consent of instructor.

## PHYSICS (PHYS)

**PHYS U101. Introduction to Physical Science (3)** Introduction to the concepts, ideas, and methods of physical science with emphasis on the principles of classical and modern physics and chemistry. Prerequisite: MATH U120 or higher, except statistics or higher placement in MATH.

**PHYS U101L. Introduction to Physical Science Laboratory (1)** Experiments, exercises, and demonstrations to accompany PHYS U101. Prerequisite or corequisite: PHYS U101.

**PHYS U201, U202. General Physics I & II (4,4)** Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week. Prerequisite for U201: MATH U127 or consent of instructor. No previous background in physics is assumed. Prerequisite for U202: PHYS U201.

**PHYS U211, U212. Essentials of Physics I & II (4,4)** Mechanics, heat, wave motion, electromagnetism, optics, and modern physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week. Prerequisite or corequisite for U211: MATH U142. Prerequisite for U212: PHYS U211.

## PRE-LAW (PLAW)

**PLAW U101. Introduction to Pre-Law (1)** The basics of law, preparing for the LSAT, the realities of law school and life as a lawyer. Pass/fail credit.

**PLAW U355. Pre-law Studies Abroad (3)** Travel and field study in selected regions outside the United States with emphasis on legal and judicial institutions. The course may be repeated as long as location/content are different.

**PLAW U495. Pre-Law Internship (3)** Supervised work experience in a legal environment. A minimum of 9 hours per week of work. Students are required to meet periodically with the supervising faculty member. Pass/fail credit.

## POLITICAL SCIENCE (POLI)

**POLI U101. American National Government (3)** The formation and development of the national government, its organization and powers.

**POLI U210. Research Methods in Political Science (3)** Various approaches to the rigorous study of political phenomena. The emphasis is upon the critical thinking and evaluative skills necessary to the understanding of politics. Among the techniques to be considered are surveys, charts and graphs, case studies, and statistical summaries.

**POLI U238. Fundamentals of Political Behavior (3)** Interpretation of the basic concepts relative to American political behavior. Focus on political ideology, political culture, including political socialization, and both individual and group political behavior.

**POLI U300. Introduction to Political Theory (3)** A survey of various concepts in western political philosophy such as political obligation, freedom, equality, justice, rights, authority, and power.

**POLI U310. International Politics (3)** An introduction to the basic factors influencing nation-state behavior in the world: the nation-state system, nationalism and imperialism, national power, and the present world crisis. The role of the United States in the world community is emphasized.

**POLI U312. Race and Ethnicity in American Politics (3)** Impact of race and ethnicity on political participation, representation, institutions, and the evolution of public policy.

**POLI U314. Armed Forces & Society (3) (=AMST U314)** Interdisciplinary approach to military-social relations in the United States with emphasis on the powers of civilian political leaders to wage war; the rise of the garrison state and military-industrial complex; and past and present uses of the armed services as a social laboratory to test and apply ideas about race, class, and gender.

**POLI U320. Comparative Politics (3)** An introduction to the analysis of the major types of political systems utilizing examples drawn from democratic, communist and underdeveloped nation-states. Problems, approaches and methods associated with the comparative field are emphasized.

**POLI U324. Campaigns and Elections (3)** The function, organization, actors, and consequences of campaigns and elections in American politics. Particular races and campaigns will be featured as examples for research into how campaigns work and why they matter.

**POLI U325. African Politics (3)** Comparative study of political processes within African countries and their relations with other states, particularly former colonial powers.

**POLI U326. Middle East Politics (3)** Comparative study of political processes within Middle Eastern countries and their relations with other states, particularly the United States.

**POLI U327. East Asian Politics (3)** Comparative study of political processes within East Asian countries and their relations with other countries, particularly the United States.

**POLI U328. East European Politics (3)** Comparative study of political processes within post-communist Central and East European countries and their relations with other countries.

**POLI U330. International Organizations (3)** An introduction to the structure and functions of international political and economic organizations. Particular attention is given to the United Nations and its specialized agencies and to emerging regional communities.

**POLI U340. United States Foreign Policy (3)** Formulation of American foreign policy, problems of security, trade and diplomacy. Policies related to specific nation-states and regions will be emphasized.

**POLI U345. Security Studies (3)** Introduction to key theoretical and practical foundations of security studies. Emphasis is placed on the causes of war and armed conflict, defense and intelligence organization, contemporary and emerging security issues, including cybersecurity.

**POLI U350. Women and American Politics (3)** The participation of women in American political life and their influence in electoral politics and issue-based movements.

**POLI U355. Culture and Politics Abroad (3).** Travel in selected regions outside the United States, and field study of culture and politics, with an emphasis on governmental institutions. This course may be repeated as long as location/content are different.

**POLI U360. American Political Parties (3)** The functions, history and future of political parties in the United States. Emphasis is on the development of political parties and the consequences of that development upon the party as an organization, the party as an electorate, and the party in the government.

**POLI U361. Political Behavior (3)** Political participation in the United States through such activities as interest groups, political protest, contacting officials, voting, running for office. Who participates and why, and the consequences of participation for policy decisions and for society are also examined.

**POLI 362. Voting and Elections (3)** The process of registering to vote and voting, the environment within which elections operate, and the different actors within the system. This designated service-learning course requires volunteering with a non-profit, interest group, political party, campaign, or some other political entity or institution during the semester.

**POLI U363. Southern Politics (3)** Selected political patterns and trends within the eleven states of the American South including historical developments since 1950.

**POLI U364. State and Local Government (3)** The institutions, functions, policy making processes, and politics of state and local governments including an examination of the relations between state and local government, and the relations between state and local government and the national government.

**POLI U365. Politics and Media (3)** Interpretation of the pivotal role of media in contemporary American politics. Familiarizes the student with fundamental concepts regarding the pervasive role of media in how it shapes our life, political ideology, political culture and political behavior.

**POLI U366. Politics and Social Media (3)** How social media is utilized by politicians, the media, parties and interest groups, as well as the public. Methods of content analysis applied to social media will be emphasized.

**POLI U370. Introduction to Public Administration (3)** The basic principles and theory of administrative structure, responsibility, and control in relation to policy making in the modern state.

**POLI U374. Introduction to Public Policy (3)** Social, political, and technical forces in policy making including various theories of public policy and inquires into selected policy areas. Current policy issues are included and integrated into the larger theories of decision making.

**POLI U380. Environmental Policy (3)** An investigation of American national and international issues relating to the ecological basis of human living. Special attention is on environmental issue-areas including air, water, forests, soil erosion, and wildlife as well as the impact of population, the economy, and technology on the quality of the environment.

**POLI U385. American Political Thought (3)** A survey of American political theorists from the colonial period to the present with an examination of the social, cultural, historical and scientific developments that have contributed to the nature of American political thinking.

**POLI U386. Art and Politics (3)** A presentation of the connection between art and political thought. The course focuses on architecture, painting, and music as they express political values and attitudes.

**POLI U387. Democratic Theory (3)** Exploration of the meaning, purpose, and value of democracy through reading and analyzing texts that both advocate for and critique democratic government, from Ancient Greece through the 21st century.

**POLI U390. Urban Planning & Policy (3)** Urban planning as an area of public policy. Emphasizes identifying urban sprawl and studying its effects on the social, psychological, environmental, physical and financial well-being of cities and city residents.

**POLI U399. Independent Study (1-6)**

**POLI U400. Terrorism and Political Violence (3)** Forms, causes, and consequences of political violence with special attention to terrorism.

**POLI U403. History of Western Political Thought (3)** A survey of political theories propounded by western political philosophers from Plato to Nietzsche.

**POLI U408. Democratization (3)** Essential principles, theories, conceptual tools, and cases relating to the process and problems of democratic transition and consolidation around the world.

**POLI U409. Politics of Non-Democracies (3)** Essential principles, theories, conceptual tools, and cases relating to the governance of non-democratic regimes.

**POLI U420. Women and Politics: A Global Perspective (3)** Women's status and political activism around the globe. The focus is on similarities and differ-

ences and the basis for them. Prerequisite: POLI U320 or consent of instructor.

**POLI U445. Public Policy Seminar (3)** Examination of current K-12 school reform efforts as public policy initiatives. Analysis of various models and approaches as appropriate methods of stabilizing and changing public schools as institutions fundamental to American society.

**POLI U450. Constitutional Law (3)** The evolution of governmental powers focusing on the judiciary, the presidency, congress, the states, and intergovernmental relations.

**POLI U451. Civil Rights and Civil Liberties (3)** Freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure.

**POLI U452. The Judicial Process (3)** The growth of law, the lawmaking of the courts, the structure and organization of federal and state courts, the procedures involved in civil and criminal cases, and the problems and proposals for reform in the administration of justice.

**POLI U460. International Law (3)** History and basic principles of law among nation-states. Emphasis is upon the scope of international law and the extent to which law shapes the behavior of international actors.

**POLI U461. Comparative Political Behavior (3)** Theories, practices, and patterns of mass political behavior and opinion formation across countries; social and psychological influences on opinion and behavior in comparative context.

**POLI U462. The Legislative Process (3)** Structure, organization, powers, functions and problems of legislative bodies.

**POLI U463. The American President (3)** The constitutional powers and political roles of the president with lesser emphasis upon state governors. Emphasis is placed on the chief executive and administration, executive relationships with legislatures, and party and popular leadership by the executive.

**POLI U481. The Politics of Inequality (3)** The progress made by, and relationship between, the struggles for racial, gender, and economic equality in America. Topics include theories of justice, the nature of oppression, political participation, and the philosophical and legal development of equal rights.

**POLI U491. Topics in Political Science (1-3)** May be repeated as topics change.

**POLI U495. Political Science Internship (1-6)** Supervised work experience in a political or governmental environment. A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member. Prerequisites: junior or senior standing and consent of the instructor. Students are limited to a maximum of six hours combined from POLI U495 and U496.

**POLI U496. Public Administration Internship (1-6)** Supervised work experience in a public administration environment. A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member. Prerequisites: junior or senior standing and consent of the instructor. Students are limited

to a maximum of six hours combined from POLI U495 and U496.

**POLI U500. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas in both the subject matter and the profession of political science with emphasis on research and oral presentation of research findings. The specific topics covered in the course vary. Prerequisites: 12 hours of POLI at the 300-level or above, or consent of instructor.

**POLI U571. Public Financial Administration (3)** Principles and practices of financial administration including organization, budgeting, assessment, treasure management, and debt.

**POLI U572. Public Personnel Management (3)** Fundamental principles of personnel organization and administration, including an analysis of personnel techniques.

## PSYCHOLOGY (PSYC)

*Note: Psychology 101 is a prerequisite for all other psychology courses unless otherwise specified.*

**PSYC U101. Introduction to Psychology (3)** Survey of major topics in psychology (learning, perception, motivation, intelligence, etc.), and an introduction to methods used in psychological investigation.

**PSYC U225. Psychological Statistics (3)** Statistical principles, including measures of central tendency, variability, relative standing, probability, techniques of regression and correlation, statistical hypothesis testing, analysis of variance and nonparametric statistics with applications in the social sciences. Prerequisites: PSYC U101, placement in MATH U121 or higher.

**PSYC U300. Topics in Psychology (3)** Survey of a selected topic planned around an area of faculty interest. Course may be repeated for additional credit during the same semester and subsequent semesters as topics vary. Prerequisite: PSYC U101.

**PSYC U302. Developmental Psychology (3)** Introduction to life span developmental psychology providing an overview of cognitive, social, emotional, and physical development from conception to senescence. Prerequisite: PSYC U101.

**PSYC U303. Psychology of Learning and Memory (3)** Introduction to basic principles and theories of learning and memory including such topics as habituation, classical and instrumental conditioning, verbal learning, social learning theory, behavior modification, and modeling. Prerequisite: PSYC U101.

**PSYC U304. Cognitive Psychology (3)** Higher mental processes including such topics as pattern recognition, attention, memory, language perception and production, decision making, problem solving, concept formation and cognitive growth. Behavioral and neuropsychological perspectives are considered. Prerequisite: PSYC U101.

**PSYC U305. Sensation and Perception (3)** The basic principles involved in vision, audition, taste, smell and skin senses. Topics include the structure

and function of the various sensory systems and related brain areas, measurement of sensory experiences, and perceptual information processing such as perception of color, pattern, movement, depth, music, and speech. Prerequisite: PSYC U101.

**PSYC U306. Cognitive Neuroscience (3)** Introduction to neuroanatomy and the brain structures involved in cognitive processes such as memory, attention, language, emotion, and social decisions. Emphasis is placed on achieving an understanding of and practical experience with current methods in the field. Prerequisite: PSYC U101.

**PSYC U307. Social Psychology (3)** The principles governing human interaction including factors such as group dynamics, leadership, prejudice and propaganda. Prerequisite: PSYC U101.

**PSYC U308. Physiological Psychology (3)** Basic neural and endocrine processes and their correlation with behavior. Prerequisite: PSYC U101.

**PSYC U309. Psychology of Personality (3)** The major theories of personality and the factors involved in the development of personality. Prerequisite: PSYC U101.

**PSYC U310. Psychological Disorders (3)** The nature of mental and emotional disorders including such topics as theories of emotional disorders and the causes and treatment of various disorders. Prerequisite: PSYC U101.

**PSYC U311. Industrial and Organizational Psychology (3)** Survey of the theoretical and empirical foundations of human behavior in industries and organizations. Special consideration is given to applied problems as they relate to improving relationships between individuals and organizations. Prerequisite: PSYC U101.

**PSYC U312. Health Psychology (3)** Behavioral, emotional and cognitive contributions to physical health. Prerequisite: PSYC U101.

**PSYC U325. Research Methods for Psychology (4)** Introduction to research methods for the study of behavior. Lectures, class discussion, and laboratory exercises drawn from diverse areas of psychology are used to provide practical knowledge and skill in data analysis, experimental design, and writing technical reports. Prerequisite: PSYC U101. Prerequisite or Corequisite: PSYC U225.

**PSYC U330. Applied Psychology (3)** Introduction to the practical applications of psychology in such areas as mental health, industry, schools, law enforcement, and advertising. Prerequisite: PSYC U101.

**PSYC U350. Psychology of Adjustment (3)** The process by which people adjust to the demands made upon them as a result of living with others. Basic processes of motivation and learning are examined, especially as these relate to the acquisition of the mechanisms of adjustment. Prerequisite: PSYC U101.

**PSYC U351. Psychology of the Exceptional Individual (3)** Causes and characteristics of sensory, cognitive, and motor skills and the behavior and potential of exceptional individuals. Prerequisite: PSYC U101.

**PSYC U360. Human Sexual Behavior (3)** Psychological, physiological, and sociological factors in human sexual behavior and attitudes. Prerequisite: PSYC U101.

**PSYC U374. Psychology of Human and Animal Interaction (3)** Investigation of cognitive, emotional, and behavioral tendencies across species. Topics center on individual differences and social behavior in humans and animals, considered both jointly and separately. Prerequisite: PSYC U101.

**PSYC U398. Topics in Service Learning (1-3)** Supervised service learning opportunities with Upstate businesses and industries requiring application of psychological knowledge of human behavior. Course may be repeated for additional semesters with approval of instructor. Prerequisites: PSYC U101, and PSYC U307 or U311 or U330.

**PSYC U399. Independent Study (1-6)** An individualized program of study planned in conjunction with a psychology faculty member. Course may be repeated with a different independent study contract description during the same semester and during subsequent semesters. Prerequisite: PSYC U101.

**PSYC U400. Advanced Topics in Psychology (3)** Intensive study of a selected topic planned around an area of faculty or student interest. Course may be repeated for additional credit during the same semester and subsequent semesters as topics vary. Prerequisite: PSYC U101 and 54 credit hours earned.

**PSYC U402. Experimental Topics in Psychology (3)** The formation of testable hypotheses, methodological design, data collection and analysis, critical evaluation and scientific documentation as applied to a particular content area in psychology. Laboratory experiences are an integral part of this course. May be repeated once upon change of topic. Prerequisites: PSYC U101, PSYC U225, PSYC U325.

**PSYC U409. All About You: Self-Assessment in Personality (3)** Survey of classic and contemporary methods of assessing personality as accomplished by self-administering, scoring, and interpreting psychological tests. Theoretical foundations for the various methods will also be discussed. Prerequisites: PSYC U101 and 54 credit hours earned.

**PSYC U412. Theories of Counseling and Psychotherapy (3)** The different approaches to counseling and psychotherapy with emphasis on both theory and technique. Prerequisites: PSYC U101 and 54 credit hours earned.

**PSYC U417. Psychological Tests (3)** Theory, development, and application of intelligence, achievement, aptitude, and personality assessment measures. Prerequisites: PSYC U101 and PSYC U225.

**PSYC U421. History and Systems of Psychology (3)** Historical roots of modern psychological theories and a survey of various present-day approaches. Prerequisites: Prerequisites: PSYC U101 and 54 credit hours earned.

**PSYC U442. Psychology of Women (3)** Women's experiences, present day status and life-styles, and the biological and cultural antecedents of women's roles. Prerequisites: PSYC U101 and 54 credit hours earned.

**PSYC U499. Psychology Internship (1-6)** Supervised work experience in community agency or hospital. Fifty hours of work for each credit hour are required. Course may be repeated for additional semesters with approval

of instructor. Prerequisites: Psychology major, PSYC U325 with a minimum grade of C, senior standing and consent of instructor.

**PSYCU501. Seminar in Distinction (1)** Preparation for the world beyond Upstate, with a special focus on issues pertaining to entrance to and success in graduate school. Some meetings will entail presentations of research findings and project status updates, others will focus on the production and consumption of technical writing in the form of journal clubs, and still others will focus on practical topics such as choosing graduate programs or careers and preparing materials for job or school applications. May be taken twice for credit. Prerequisites: PSYC U101 and consent of instructor.

**PSYCU502. Senior Seminar: Special Topics in Psychology (3)** Selected topics in psychology planned around areas of faculty interest and competence. Prerequisites: PSYC U101, PSYC U225, PSYC U325. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C.

## RELIGION (RELG)

**RELG U100. American Religious Experience (3)** Introduction to the practices, beliefs, institutions and values of major religions and spiritual movements in the contemporary United States. Subjects include American expressions of Buddhism, Christianity, Hinduism, Islam, Judaism, Native American Religions and Sikhism, along with other religious communities.

**RELG U103. Comparative Religion (3)** Beliefs and principles of the major faiths of Asia, the Middle East, and Africa, viewed from historical, cultural, and theological perspectives.

**RELG U300. Asian Religious Traditions (3)** History, beliefs and practices of Hinduism, Buddhism, Confucianism, Taoism, Shinto and "popular" religion in Asia through modern times. Emphasis on the roles of religion in the history and culture of South Asian and East Asian societies. Prerequisite: Sophomore standing or consent of instructor.

**RELG U301. Western Religious Traditions (3)** History, beliefs, values and practices of Judaism, Christianity and Islam through modern times, with a comparative perspective on law, institutions, scripture, gender and religious thought. Prerequisite: Sophomore standing or consent of instructor.

**RELG U305. Religion, Health and Healing (3)** The role of spirituality and religious ideas, values, beliefs and practices in shaping cultural and social attitudes towards health, illness and curing.

**RELG U306. Religion and Gender (3)** Exploration of gender in relation to religious beliefs, practices and institutions in contemporary and historical contexts. Emphasis is on social roles, construction of identity, and women's and men's religious experiences.

**RELG U360. Modern Islam (3)** Modern history, beliefs, values and practices of Muslim communities worldwide, with focus on contemporary Islamic approaches to law, institutions, politics, scripture, and gender. Prerequisite: Sophomore standing or consent of instructor.

**RELG U399. Topics in Religion (3)** Specific themes, regions,

or traditions in religion. May be repeated for credit when topics vary. Prerequisite: Sophomore standing or consent of instructor.

## SOCIOLOGY (SOCY)

**Note: Sociology U101 is prerequisite to all other sociology courses. Sociology U101, U201, U301, U302 and U499 are core courses.**

**SOCY U101. Introduction to Sociology (3)** Introduction to the major theoretical and methodological perspectives used to explain, investigate and analyze social life.

**SOCY U201. Introduction to Statistics for the Social Sciences (3)** Fundamental principles of descriptive and inferential statistics as used in the social sciences, including measures of central tendency and variation, the normal approximation, probability, chance variability, estimation, hypothesis testing, and correlation.

**SOCY U301. Sociological Theory (3)** Roots and historical development of various sociological lenses as tools for examining the social world.

**SOCY U302. Sociological Research Methods (3)** Quantitative, qualitative and comparative methods used in social science research, focusing on research design, data collection and analysis, and ethical issues. Prerequisite or corequisite: SOCY U301 or consent of instructor.

**SOCY U310. Individual and Society (3)** Selected theoretical orientations, methodological procedures, and research findings pertaining to the relations between the individual and society.

**SOCY U311. Social Problems (3)** Content selected for contemporary importance and sociological relevance.

**SOCY U320. Sociology of Aging (3)** Processes of aging as a form of socialization and demographic reality, including institutional effects. The status of the elderly and the sources of prejudice and discrimination they experience are emphasized.

**SOCY U321. Animals and Society (3)** Sociological perspectives on human-animal interaction and the role of animals in society.

**SOCY U323. Urban Sociology (3)** Characteristics, causes, and impacts of city life. Different types of urban areas and current issues are examined from comparative, historical, and global perspectives.

**SOCY U325. Social Movements (3)** Characteristics, causes, and impacts of social and political movements in the modern world. Different types of movements, including the American civil rights movement, are examined from comparative, historical, and global perspectives.

**SOCY U327. Population Dynamics (3) (=GEOG U340)** Issues in measurement of the distribution and development of human population. Applies the analytical methods used in accounting for the effects of births, deaths and migrations.

**SOCY U328. Social Demography (3)** Selected theoretical orientations, methodological procedures and historical perspectives related to the social

analysis and context of demographic change.

**SOCY U329. Social Change (3)** Applies sociological lenses to current major social, cultural, economic, political, and global transformations, emphasizing their interrelationships.

**SOCY U330. Social Inequality (3)** Theoretical perspectives and research on the unequal distribution of wealth, power, and prestige in social life on a global, national, and local scale. Attention is given to the impact of globalization on social stratification.

**SOCY U333. Race and Ethnic Relations (3)** Examines the basic concepts of race and ethnicity, relevant sociological theories, and their application to critical issues.

**SOCY U335. Fat Studies (3)** An interdisciplinary analysis of social attitudes toward fatness and fat people. Size is presented as a status marker, social identity, form of inequality, and site of feminist activism.

**SOCY U337. Gender and Society (3)**. A sociological investigation of gender as a fundamental principle of social life. The interdependence of gender constructions and of societies' inequality structures across social institutions is explored.

**SOCY U339. Women and Armed Conflict (3)** Women's lives in the context of armed conflict examined from comparative, historical and global perspectives.

**SOCY U341. Sociology of Families (3)** Methods and theories used in the examination of intimate human relationships, including parenting, violence and abuse, and divorce and remarriage. Emphasizes the social factors that bring about change in family-related behaviors and create diversity in family forms.

**SOCY U343. Political Sociology (3)** The societal conditions affecting political ideas, institutions, and practices. The role of politics in society is examined from comparative, historical, and global perspectives.

**SOCY U345. Sociology of Religion (3)** The societal conditions affecting religious beliefs, institutions, and practices. The role of religion in society is examined from comparative, historical, and global perspectives.

**SOCY U347. Sociology of Organizations and Work (3)** Sociological investigation of how post-industrial society and globalization impact the workplace, jobs, workers, gender, families and communities. The role of leadership in organizations is also examined.

**SOCY U349. Displaced Persons (3)** Characteristics and causes of displacement and their impacts on people's lives. Different types of displacement, with emphasis on traumatic events, are examined from comparative, historical, and global perspectives.

**SOCY U351. Social Deviance (3) (=CRJU U474)** Theories, methods and substantive issues in the creation, involvement, recognition and control of deviance. Sociological theories and pertinent research data are integrated in the context of contemporary societal issues.

**SOCY U353. Sociology of Crime (3)** Social factors in the development,

identification, and treatment of crime and criminals.

**SOCY U355. Juvenile Delinquency (3) (=CRJU U345)** Social factors in the development, identification and treatment of delinquents and juvenile delinquency in the context of juvenile justice systems.

**SOCY U357. Sociology of Mental Health and Mental Illness (3)** Social factors in the development, identification, and treatment of mental illness.

**SOCY U359. Globalization and Crime (3) (=CRJU U386)**. Global crime focusing on the relationship between globalization, crime, and justice which involves a diverse range of activities affecting the political, economic, and social development of countries around the world. Topics will focus on the proliferation of crime emphasizing migration, international policing, drug/human trafficking, international terrorism, environmental crime, cybercrime, and economic exploitation. Prerequisite: CRJU U101 or SOCY U101.

**SOCY U361. Medical Sociology (3)** The social organization of medicine including patterns of morbidity and mortality, the social and cultural factors influencing disease, and the organization of the health care system in the United States.

**SOCY U363. Sociology of Death and Dying (3)** A sociological and cross-cultural perspective on dying, death, and bereavement in contemporary society.

**SOCY U391. Special Topics (3)** Emerging issues in contemporary sociology. Selected topics organized around faculty and student areas of special interest. This course can be taken more than once if the topic is different.

**SOCY U395. Internship (3)** Supervised work experience in a community agency based on an individualized, contracted program planned in conjunction with the relevant sociology faculty member. Ten hours per week in the field placement, at least three class meetings, and a formal, written sociological analysis of the field experience are required. The course may be taken more than once, but may be applied toward major credit in sociology only once. Normally offered every spring semester.

**SOCY U399. Independent Study (1-6)** An individualized, contracted program of study planned in conjunction with a sociology faculty member.

**SOCY U499. Senior Seminar (3)** A capstone course designed around topics selected by faculty. Emphasis is on research with written and oral presentations. Prerequisites: SOCY U201, U301, U302, and 15 additional hours of upper level sociology with a C or better.

## SOUTHERN STUDIES (SOST)

**SOST U201. Introduction to Southern Studies (3)** A survey of the historical, political, social, economic, and cultural forces that shaped Southern life from the early seventeenth century to the present.

**SOST U399. Independent Study (1-6)** Reading and research on selected topics in Southern studies. May be repeated if the topic changes.

**SOST U499. Internship in Southern Studies (1-6)** Supervised work experience in a museum, archive, political office, or other relevant setting.

A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member and may be expected to submit written work as well. Prerequisites: SOST U201, junior or senior standing, and consent of the instructor. Students may repeat the course for a total of six credits.

## SPANISH (SPAN)

**Note:** *Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**SPAN U101. Introductory Spanish I (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing.

**SPAN U101B. Introductory Spanish I: Business (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing with a focus on the language for business professionals.

**SPAN U101C. Introductory Spanish I: Criminal Justice (3)** Fundamentals of the language and culture through speaking, listening, reading and writing with a focus on the language for criminal justice and legal professionals.

**SPAN U101N. Introductory Spanish I: Health Professions (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing with a focus on the language for health care professionals. Those completing SPAN U101N should plan to continue in SPAN U102N.

**SPAN U102. Introductory Spanish II (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing. Prerequisite for SPAN U102 is SPAN U101.

**SPAN U102B. Introductory Spanish II: Business (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing with a focus on the language for business professionals. Prerequisite for SPAN U101B or placement through testing.

**SPAN U102C. Introductory Spanish II: Criminal Justice (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing with a focus on the language for criminal justice and legal professionals. Prerequisite: SPAN U101, SPAN U101C or placement through testing.

**SPAN U102N. Introductory Spanish II: Health Professions (3)** Fundamentals of the language and culture through speaking, listening, reading, and writing with a focus on the language for health care professionals. Those enrolling in SPAN U102N are strongly encouraged to have completed SPAN U101N. Prerequisite: SPAN U101N, SPAN U101, or placement through testing.

**SPAN U201. Intermediate Spanish (3)** Review of the basic principles of the language, with emphasis on reading, writing, and oral skills. Prerequisite: SPAN U102 or placement through testing.

**SPAN U202. Intermediate Spanish (3)** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: SPAN U201 or placement

through testing.

**SPAN U250. Selected Spanish Studies Abroad (3-6)** Development of intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: SPAN U102 or consent of instructor.

**SPAN U300. Topics in Conversation (3)** Development of intermediate/advanced communication skills through discussions of current topics. Topic examples include pop culture, news, or popular literature. Emphasis on oral skills and listening comprehension. Course intended for non-native speakers. Prerequisite: SPAN U201.

**SPAN U301. Introduction to Hispanic Literature (3)** Reading Hispanic literary texts/literary criticism. Focus is on literary terms and their applications in close readings of Spanish and Spanish-American texts. Prerequisite: SPAN U202, or consent of instructor.

**SPAN U304. Hispanic Culture (3)** Readings and visuals emphasizing a comparative approach to the historical, economic, cultural and social developments in the Spanish-speaking Caribbean, Latin America and the United States. Prerequisite: SPAN U202 or consent of instructor.

**SPAN U309. Advanced Spanish Language I (3)** Fundamental elements of the language and exercises in composition. Prerequisite: SPAN U202 or consent of instructor.

**SPAN U310. Advanced Conversational Spanish (3)** Development of formal oral skills, vocabulary and phonetic fluency through presentations, discussions and group activities. Prerequisite: SPAN U202 or consent of instructor.

**SPAN U311. Introduction to Translation (3)** Theoretical grounding and practical problems of professional translation (Spanish/English; English/Spanish). Translation of short legal, medical and commercial texts in their linguistic and cultural context and an overview of the translator profession in the US are studied. Prerequisites: ENGL U252 and SPAN U309 or consent of instructor.

**SPAN U312. Introduction to Interpreting (3)** General understanding of the problems for facilitating oral communication between monolingual speakers of English and Spanish. Develops basic skills for professional interpreting in its cultural context with practical exercises through role playing and the use of audio and audio visual material. Prerequisites: SPAN U309 or consent of instructor.

**SPAN U314. Advanced Spanish Language II (3)** Continued practice of the fundamental elements of the language and exercises in composition. Prerequisite: SPAN U309 or consent of instructor.

**SPAN U315. Spanish for the Professions (3)** Practice in oral and written language pertinent to specific careers, such as health care, criminal justice or business. Course may be repeated once with change in professional topic. Prerequisite: SPAN U202 or consent of instructor.

**SPAN U320. Spanish Civilization (3)** Culture and civilization of Spain. Prerequisite: SPAN U202 or consent of instructor.



**SPAN U321. Latin American Civilization (3)** Cultural heritage of the Latin American people from the pre-Columbian period to the present. Prerequisite: SPAN U202 or consent of instructor.

**SPAN U350. Selected Spanish Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: SPAN U202 or U250 or consent of instructor.

**SPAN U340. Discovering Spanish Writers (3)** A study of literary texts that represent one or more periods, genres, or literary movements in Spain. Course may be repeated once with change in topic. Prerequisite or Corequisite: SPAN U301 or consent of instructor.

**SPAN U341. Discovering Spanish American Writers (3)** A study of literary texts that represent one or more periods, genres, or literary movements in Spanish America. Course may be repeated once with change in topic. Prerequisite or Corequisite: SPAN U301 or consent of instructor.

**SPAN U360. Topics in Hispanic Film (3)** Screening and analysis of films from the works of an individual director, a particular period, or a particular genre of Spanish or Spanish-American film. Analysis involves subject matter, themes and socio-historical context, as well as technical choices and reception of the motion pictures. Course may be repeated for credit as topics change. Prerequisite: SPAN U301 or permission of instructor.

**SPAN U398. Topics in Spanish Language or Literature (3)** Intensive study in selected areas chosen by the instructor. Prerequisite: SPAN U301 or consent of instructor.

**SPAN U399. Independent Study (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. May be repeated with the consent of the instructor and advisor for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language courses, and consent of faculty supervisor.

**SPAN U420. U.S. Latino Literature (3)** A core grouping of Latino authors who were either born or raised in the United States and whose texts are written primarily in English. The selected texts are bilingual. Prerequisite: SPAN U309 or consent of instructor.

**SPAN U431. Masterworks of Hispanic Literature (3)** Selected masterpieces written in Spanish. Selections are samplings of great literature from the Spanish-speaking world. Prerequisite or Corequisite: SPAN U301 or consent of instructor.

**SPAN U454. Spanish Linguistics (3)** Basic concepts and terminology essential to the study of Spanish phonology and phonetics, morphology, syntax, lexicon, semantics, language change and language variation. Prerequisite: SPAN U309 or consent of instructor.

**SPAN U490. Senior Seminar in Spanish (3)** Reading and research on selected topics designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: SPAN U301, U309, U310, U314 and three additional upper division Spanish courses, or consent of instructor.

**SPAN U499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For three credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. A contractual agreement signed by the student, the instructor of record, and other designated faculty and administrators is required. A student may repeat SPAN U499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in major courses numbered U300 and above; GPA 2.0 overall, 2.5 in Spanish courses; and consent of the faculty supervisor and advisor.

## SPEECH (SPCH)

**SPCH U201. Foundations in Oral Communication (3)** The theory, structure, practice, and performance of communication principles through traditional and mediated channels across a variety of professional contexts. Topics include communication models and processes, public speaking, and professional communication. Prerequisite: ENGL U101 or the consent of the instructor.

**SPCH U201H. Public Speaking Honors (3)** An in-depth consideration of theories and principles of speech construction, analysis and delivery. The writings of classical and contemporary philosophers, theorists and rhetoricians are considered. Intensive reading, writing, research, delivery and a service component are included. Prerequisites: ENGL U102; admission to honors program as a second year student or permission of director of honors program.

**SPCH U210. Interpersonal Communication (3)** The communication process as a form of practical action between individuals. The classroom functions as an interpersonal laboratory to study and practice interpersonal skills through discussions, exercises, and projects. Prerequisite: ENGL U101.

**SPCH U301. Theories and Principles of Human Communication (3)** Theoretical perspectives, principles and models that inform contemporary Communication Studies. Course assignments and materials provide functional, interpretive, critical and practical understanding of communication research (e.g., interpersonal, organizational and/or intercultural contexts). Emphasis is placed on the application of theories and course concepts to a variety of issues and problems in local, national and global contexts. Prerequisites: SPCH U201 or consent of instructor.

**SPCH U303. Ethics in Human Communication (3)** Investigation of ethical principles informing everyday communication practice in relational, organizational, mediated and cultural contexts. A case study approach to the building and nurturing of more ethical relationships, organizations, communities and media practices is emphasized. Prerequisites: SPCH U201.

**SPCH U309. Small Group Communication (3)** The application of small group communication theory and techniques to personal, academic and professional group experiences. Particular emphasis is placed on improving communication skills in group contexts, understanding group roles, managing group conflict, applying theories of leadership/membership and learning various decision-making and problem-solving models. Prerequisites: SPCH

U201 or consent of instructor.

**SPCH U311. Dark Side of Interpersonal Communication (3)** Dysfunctional and destructive communication including predictors, behaviors, and outcomes. Topics include bullying, deception, abuse, revenge, and secrets. The classroom functions as an interpersonal laboratory to study and practice communication skills necessary to overcome challenging interpersonal interactions across a variety of contexts through discussions, exercises, and projects. Prerequisites: SPCH U201 and SPCH U210 or consent of instructor.

**SPCH U312. Rhetorical Theory and Criticism (3)** Historical development of rhetorical studies in communication, from classical Western antiquity to the present. Emphasis is placed on the conceptualizations of rhetoric in different historical contexts and introduction to a selection of contemporary approaches (critical methods); fundamentals of argumentation, the principle elements of rhetorical style; and surveying several established methods and procedures of rhetorical criticism. Prerequisite: SPCH U201.

**SPCH U313. Performance Studies (3)** Examine a broad range of performances on and off the stage, live and recorded, including performance art, storytelling, celebrations, political speeches, concerts, protests, street happenings, and everyday encounters. Observation and participation in various modes of performances and sites based on readings of key texts. Emphasis is placed on the relationship between theory and practice through (auto)ethnographic writing and performance.

**SPCH U330. Interviewing (3)** Theoretical principles, techniques, ethical issues, and practical skills necessary for successful performance in professional and academic interviewing contexts. Interviewing contexts include employment searches and selection, information gathering, performance appraisals, counseling, health-care, and research. Prerequisite: SPCH U201 or consent of instructor.

**SPCH U333. Advanced Public Speaking (3)** The principles and theories of speech composition. Areas of focus include rhetorical theory, strategic organization, evidence, reasoning and delivery. Prerequisite: SPCH U201 or consent of instructor.

**SPCH U340. Voice and Diction (3)** The analysis, evaluation, and improvement of speech based on the anatomy and physiology of the vocal mechanism, voice production, and articulation.

**SPCH U347. Environmental Communication (3)** Introduction to environmental communication, focusing on the environmental justice movement. Constructions of the environment in popular culture, everyday communication, government, and social movement discourse will be emphasized. Includes a service-learning project where students will apply environmental communication theory to influence sustainable action. Prerequisites: SPCH U201/U201R or consent of instructor.

**SPCH U348. Introduction to Organizational Communication (3)** Key concepts, theoretical perspectives, research, and practical applications and strategies in organizations, organizing, and communication. The historical development of key paradigms that shape the study of organization and organizing are examined. Prerequisite: SPCH U201.

**SPCH U350. Communication & Gender (3)** The role of communication in the constitution, maintenance and disruption of gender norms in everyday life. Emphasis is placed on how communication is gendered and gender is communicated, in relational, institutional and mediated contexts. Prerequisites: SPCH U201 or consent of instructor.

**SPCH U360. Visual Rhetoric (3)** Understanding the relationship between words and images in strategic communication, media, and photojournalism. Course combines studies of images from art and argumentation. Assignments require theoretical applications and analysis in the context of contemporary culture and politics. Prerequisites: SPCH U201 or consent of instructor.

**SPCH U379. Health Narrative (3)** Narrative's relation to illness and health and how stories are told by people who have long-term or chronic illness, by professional healthcare providers, and by nonprofessional caretakers. Topics include health narrative field collection methods and the relationship between personal agency and narrative among patients, providers, caregivers, and society at large. Service learning opportunities focus on collecting stories told about health and illness in professional health settings to better understand how people experience illness as patients and as caregivers. Prerequisite: SPCH U201 or consent of instructor.

**SPCH U380. Intercultural Communication (3)** An introduction to the research, theory and practice of difference-based communication. Emphasis is placed on explicit and implicit communication processes between and among people of different national, racial, ethnic, gender, class and sexual identities in domestic and global contexts. Prerequisite: SPCH U201.

**SPCH U398. Topics in Speech Communication (3)** A specific area of speech is explored. Individual topics are announced.

**SPCH U430. Communicating Difference in Social Institutions (3)** Research and theoretical perspectives that shape studies of difference (race, class, gender, sexuality, etc.) in social institutions. U.S. historical and contemporary relationships are analyzed in the context of human communication, identity, power, and social institutions. Prerequisite: consent of instructor.

**SPCH U440. Argumentation and Debate (3)** Fundamental principles, skills and ethics of argument. In-class debates required. Prerequisites: SPCH U201 or consent of instructor.

**SPCH U448. Organizational Communication (3)** Theories, research and practical implications of communication in organizations and organizing contexts. The relationships among power, identity and organization in local and global contexts are emphasized. Prerequisites: SPCH U201 and SPCH U348.

**SPCH U450. Communicating for Social Change (3)** Theoretical and practical approaches to understanding communicative and relational practices in social movement organizing. Emphasizes the construction of persuasive messages and responsible advocacy for social change in traditional and digital communication contexts. Prerequisites: SPCH U201.

## STATISTICS (STAT)

**STAT U301. Statistical Computing (3)** Data entry, sorting and merging, data summarization, graphical display, reports, and statistical inferences

using statistical softwares. Prerequisite: Any college-level statistics or consent of instructor.

**STAT U410. Introduction to Probability Theory (3)** Laws of probability and sample space; discrete and continuous distributions; joint, marginal and conditional densities; moment generating functions; univariate and bivariate normal distribution. Prerequisite: C or better in MATH U142 or consent of instructor.

**STAT U413. Introduction to Stochastic Processes (3)** Markov chains; Poisson processes; introductory renewal theory, Brownian motion and stationary processes used in mathematical modelling. Prerequisite: C or better in STAT U410 or consent of instructor.

**STAT U512. Mathematical Statistics (3)** A comprehensive development of statistical analysis that builds upon a knowledge of probability and basic statistics. Topics include sampling distributions, interval and point estimation, the law of large numbers, limiting distributions, testing hypotheses and order statistics. Prerequisite: STAT U410 or consent of instructor.

**STAT U516. Statistical Methods II (3)** More advanced development of solutions to problems involving statistics. Topics include experimental design, analysis of variance, analysis of covariance, multiple linear regression, curvilinear regression, and logistic regression. Prerequisite: MATH U315 or consent of the instructor.

**STAT U598. Topics in Statistics (3)** Intensive study in a specialized area of statistics. Selected topic is based on student interest and faculty expertise. Prerequisite: MATH U315 or consent of instructor.

**STAT U599. Seminar in Statistics (3)** Integration of knowledge at an advanced level, a review of recent developments and models in theoretical and applied statistics, along with research and oral presentation. Prerequisite: STAT U301 and MATH U315 or consent of instructor.

## THEATRE (THEA)

**THEA U161. Introduction to Theatre Art (3)** Understanding and criticism of dramatic literature, history, and production.

**THEA U170. Fundamentals in Acting (3)** The technique of body and voice control, improvisation, interpretation of characters, and characterization applied in scenes.

**THEA U260. Theatre Laboratory (1)** Participation in theatre production, including stage management, direction, costumes, makeup, lighting, sound, scenery, and business management. No formal class meetings. May be repeated for a total of four credits.

**THEA U261. Rehearsal and Performance (1)** Participating in acting in a University production. No formal class meetings. May be repeated for a total of four credits. Pass/fail credit.

**THEA U300. Script Analysis (3)** Methods and techniques of dramatic textual analysis for theatrical interpretation. Extensive reading of play scripts,

discussion, format writing and presentation leads to enhanced skills in the navigation of dramatic literature that is historically and stylistically diverse. Prerequisite: ENGL U102.

**THEA U301. Dramatic Theory and Criticism (3)** A philosophical, psychological and social theorist perspective. Analytical writing on topics such as social context and resonance of the drama, dramatic action, playwriting, dramatic illusion and Shakespeare is stressed. Prerequisite: ENGL U102 or consent of instructor.

**THEA U310. Stage Makeup (3)** Application of the principles of makeup for the theatre. Current theatre productions will serve as laboratory experiences. Prerequisite: ENGL U102.

**THEA U339. Musical Theatre Voice (3)** Study, rehearsal and performance of musical theatre vocal literature with emphasis on musical theatre style, stage movement, vocal techniques, and scene study. Recommended for music majors and theatre majors. Auditions may be required.

**THEA U370. Voice for the Actor (3)** Group study of the voice in performance, using applied breath and resonance techniques aimed at enhancing vocal power for the actor or public speaker. Exercises and text work will be applied to voice techniques, creating a connection between the word image and vocal expression for the actor and public speaker. Prerequisite SPCH U201; THEA U170 or consent of instructor.

**THEA U373. Fundamentals of Play Directing (3)** Text analysis and interpretation. The emphasis is on discovering the intention of the playwright and on blocking, including picturization and composition, culminating in each student's production of a one-act play for public presentation. Prerequisite: THEA U170.

**THEA U374. Intermediate Acting (3)** Advanced scene and monologue performance including script analysis and character building. Plays of Classical Realists will be performed. Prerequisite: THEA U170.

**THEA U375. Audition Techniques (3)** Exploration and practice of professional audition decorum, monologue selection, preparation and performance, cold reading technique and practice, headshot and resumé development and professional unions. Each student will develop a monologue portfolio that can be performed at a moment's notice. Prerequisites: THEA U170.

**THEA U376. Stage Movement for the Actor (3)** Centering, body alignment and kinetic power influencing the projection of images and ideas. A studio warm-up and work-out developing the skills for the preparation of a variety of performance pieces demonstrating kinetic principles, culminating in a public performance.

**THEA U377. Stagecraft (3)** Drafting, design and interpretation of drawings for structural components of sets, lighting and costumes. Using the current production as a laboratory, students will concentrate on such skills as the basics of set construction, the computerized lighting system and costume construction.

**THEA U378. Playwriting (3)** Script analysis and preparation, dialogue development, character construction and scene composition. Students write

full length manuscripts and participate in a public performance of readings from the completed plays. Prerequisite: ENGL U102.

**THEA U379. Lighting Design (3)** The design and drafting process of lighting for a stage production. Designing a lighting plot and the role of lighting as a design element will be included; a research project will be assigned. Prerequisites: ENGL U102; THEA U161 or consent of instructor.

**THEA U380. Scene Design (3)** Design and drafting processes necessary for theatrical scenic design. Text analysis, research and the design for various play genres will be included, as well as the use of computer assisted drafting. Prerequisites: ENGL U102; THEA U377 or consent of instructor.

**THEA U381. WYSIWYG Design (3)** Using CAD, data, design, presentation and live modes in a 3D environment. Creating and editing designs which will allow experimentation with lighting looks and moving scenery through creative layouts, reports, pipe tapes and photo-realized renderings. Prerequisites: ENGL U102.

**THEA U382. Theatre for Youth (3)** Creative drama methods for youth. A children's play will be produced and performed. Prerequisites: ENGL U102; THEA U170 or consent of instructor.

**THEA U384. Technical Directing (3)** Technical management of all production aspects of performance including the theatrical space, rigging, emerging technology, construction from both manual and electronic drawings and renderings as well as the generation of construction drawings, interpretation and execution of lighting plots, budgeting, crew structure, time management and staff hierarchy and responsibilities. Specific problem solving, OSHA standards, and the demands of the professional technical director in commercial, academic and community theatre will be emphasized. Prerequisites: ENGL U102; THEA U170.

**THEA U385. Theatre History I (3)** History of theatrical production including major dramatic texts, dramatists, and dramatic theory. Included is a survey of stage and auditorium architecture, stage machinery, scenery, costuming, lighting, acting and directing from pre-history through the Italian Renaissance. Prerequisite: ENGL U102.

**THEA U386. Theatre History II (3)** History of theatrical production including major dramatic texts, dramatists, and dramatic theory. Included is a survey of stage and auditorium architecture, stage machinery, scenery, costume, lighting, acting and directing, from the Italian Renaissance to the modern era. Prerequisite: ENGL U102.

**THEA U398. Topics in Theatre (3)**

**THEA U399. Internship or Independent Study in Theatre (1-3)** Supervised professional experience of research outside the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit, 45 hours. For an internship or an independent study, a contract must be signed by the student and by the instructor of record and other designated faculty and administrators. A student may repeat THEA U399 once with a different internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in major, consent of faculty supervisor and junior standing.

**THEA U400. Scenography (3)** A holistic approach to theatrical design emphasizing the relationship of each design component to the finished artistic product. Exploration of the effect of the architectural space on design components and the relationship between designers and directors as they manipulate the theatrical environment and the resultant stimulation of perceptions of audiences will be investigated. Prerequisites: THEA U379 and THEA U380.

**THEA U401. Classical Styles in Acting (3)** Advanced study in the performance techniques and challenges particular to classical theatre. Applied scene work, focusing on the physical, vocal, and textual requirements for the performance of Shakespeare, Moliere, and Greek classical texts, will lead to the public performance of scenes and monologues. Prerequisite: THEA U170 or consent of instructor.

**THEA U402. Alternative Styles in Acting (3)** Advanced modes of performance and the physiological and vocal challenges particular to acting outside the realm of realism. Exercises will focus on physical approaches to building character through the context of scene work in Absurdist, Commedia, and other non-realist tests. Prerequisite: THEA U170 or consent of instructor.

**THEA U473. Advanced Play Directing (3)** Choosing text, casting, directing a collaborative team and exercising complete artistic control over all aspects of theatre production. Principles of actor coaching and staging technique culminate in the public presentation of a one act play with at least an hour's running time or a select act from a full-length manuscript. Prerequisite: THEA U373.

**THEA U490. Senior Seminar in Theatre (3)** Reading, research and analysis on approved topics in theatre in preparation for major performance or production design projects. Products of the research might include preparation of a major acting role or the direction or design of a significant production including the documentation and articulation of the artistic process. Prerequisite: senior standing.

## UNIVERSITY (UNIV)

**UNIV U101. The Student in the University (3)** The purposes of higher education and the potential role of an individual student within the university and other learning environments. Open to freshmen only. This course does not count toward graduation in some majors.

**UNIV U102. Freshman Orientation (1)** The successful transition into higher education through social, personal and academic development. Considered are topics and activities in study skills, time management, goal setting, careers, health and wellness, responsibility, cultural awareness, and the enhancement of the relationship between the faculty adviser and the student.

**UNIV U103. Freshman Orientation (1)** The successful transition into higher education through academic, social, and personal development. Considered are topics and activities in time management, goal setting, responsibility, and careers, with special emphasis on study skills. The academic performance of students, in all classes, is monitored throughout the semester. Required of academic skills students. (Students cannot receive credit for both UNIV U103 and U102.)

**UNIV U201. Leadership Development I (2)** Various approaches to the

definition of leadership and practical experience in building leadership skills. The critical questions of what is leadership, what are the qualities of a good leader, and what skills does a leader need are examined. Pass/fail credit.

**UNIV U202. Introduction to Leadership II (2)** Practical experience in building leadership skills within the context of community-based leadership. The focus is upon the most pressing needs for leadership within the community to allow students to become directly involved with a relevant project. Prerequisite: UNIV U201.

**UNIV U310. Leadership Development Internship (1-4)** Practical application of leadership principles through a public service internship. Limited to participants in the Leadership Development Program. Prerequisite: UNIV U202.

**UNIV U390. Peer Leadership Practicum (1-3)** Application of specific guidance and teaching techniques while serving as a peer leader for University 101. Emphasis is placed on role modeling, group dynamics, creating classroom cohesion, using interactive teaching methods, and the importance of assessment. Acceptance into the peer leader program is required. Prerequisite: UNIV U101 or consent of instructor. May be repeated for additional credit for maximum of six hours.

**UNIV U399. Independent Study (1-6)** An individualized, contractual program of study planned in conjunction with a faculty member involved with the student's interdisciplinary program of study. May be repeated for a total of no more than six hours of undergraduate credit with consent of advisor. Prerequisites: junior standing or permission of instructor.

## WOMEN'S AND GENDER STUDIES (WGST)

**WGST U101. Introduction to Women's & Gender Studies (3)** Gender and its intersection with other social constructs of difference (ethnicity, class, sexuality, and age). A brief overview of feminism as a social movement and a body of scholarship concerned with equality between men and women, and among women, is also presented. Topical debates address marriage, work, reproductive politics, masculinity, media culture, and other gendered issues.

**WGST U301. Feminist Theory and Methods (3)** Philosophical exploration of feminist theories and feminist methods of inquiry. Prerequisite: PHIL U102 or SOCY U101 or WGST U101 or permission of instructor.

**WGST 345. Girls' Studies (3)** Cultural representation, social rhetoric, and lived experience of girls and girlhood. Activities include a service-learning project that involves mentoring girls in the local community. Prerequisite: WGST U101, SOCY U101, PSYC U101, or consent of instructor.

**WGST U355. U.S. Women's Movement (3)** In-depth, interdisciplinary perspectives on U.S. women's activism, actions and resistance strategies. Prerequisite: WGST U101 or WGST U301 or POLI U350 or permission of instructor.

**WGST U365. LGBTQ Studies (3)** Social, historical, and theoretical contexts for understanding LGBTQ people, cultures, representations, and perspectives. Major thematic concerns and methodologies are presented in relation to the development of LGBTQ Studies as an academic discipline.

**WGST U375. Feminist Disability Studies (3)** Social, historical, and theoretical contexts for understanding disability as a gendered phenomenon. Limitations of the medical model of disability are contrasted with alternative models generated by disabled feminists to resist and replace negative cultural discourses of disability.

**WGST U380. Gender, Disability, and Eugenics: US and Germany, 1900-1945 (3)** Comparison of eugenic practices, including hospitalization, medical experimentation, sterilization, euthanasia, infanticide, and extermination of disabled people, as well as the disproportionate impact of these practices on women, children, and LGBT people.

**WGST U385. Mad Feminism (3)** Social, historical, and theoretical contexts for understanding psychiatric disability as a gendered phenomenon. Limitations of the medical model of psychiatric disability are contrasted with alternative models of mental difference generated by feminist psychologists, feminist psychiatric disability studies, and the mad pride movement.

**WGST U398. Topics in Women's and Gender Studies (3)** Area of study not covered in permanent offerings, to be planned around a faculty member's current research. Prerequisite: WGST U101 or consent of instructor.

**WGST U399. Independent Study (1-3)** An individualized program of study in the student's area of interest and in consultation with a faculty member. May be repeated for total of no more than six hours of credit. Prerequisites: WGST U101; junior or senior standing; GPA 2.0 overall, 2.5 in Women's and Gender Studies courses; a minimum of 6 hours in courses approved for the Women's and Gender Studies minor numbered 300 and above; and consent of instructor.

**WGST U499. Internship (1-3)** Supervised professional experience or project with selected community organizations. For each credit hour a minimum of 45 hours of supervised work and periodic consultation with the instructor are required. May be repeated for total of no more than 6 hours of credit. Prerequisite: WGST U101; junior or senior standing; GPA of 2.0 overall, 2.5 in Women's and Gender Studies courses; a minimum of 6 hours in courses approved for the Women's and Gender Studies minor numbered 300 and above; and consent of instructor.

### Women's and Gender Studies Courses

The following courses have been approved as Women's Studies courses.

Detailed descriptions are available under departmental listings.

- ARTH U301: Women and Art
- CRJU U382: Women and Crime
- ENGL U389: Gay and Lesbian Literature
- ENGL U437: Women Writers
- HIST U351: Women in Early Modern Europe and America
- HIST U352: Women in Modern Europe and America
- HIST U496: Topics in Women's History
- JOUR U450: Women in the Media
- POLI U350: Women and American Politics
- POLI U420: Women and Politics: A Global Perspective
- PSYC U442: Psychology of Women
- RELG U306: Religion and Gender
- SOCY U335: Fat Studies

- SOCY U337: Gender and Society
- SOCY U339: Women and Armed Conflict
- SPCH U350: Communication and Gender
- WGST U345: Girls Studies
- WGST U355: U.S. Women's Movement
- WGST U398: Topics in Women's and Gender Studies
- WGST U399: Independent Study
- WGST U499: Internships

### **Transfer Course Equivalencies**

The following courses are used for receiving appropriate level transfer credit to USC Upstate.

**CRJU U210. Introduction to Juvenile Delinquency:** Introduction to fundamental questions regarding the development of deviant behavior as it applies to adolescents and their treatment within the criminal justice system (same as SOCY U210)

**CRJU U215. Issues and Ideas: State and Local Politics:** Introductory examination of systems and issues relating to city, county, and state government

**ENGL U218. Introduction to Drama:** An introductory course in reading and reviewing plays

**ENGL U225. Introduction to Poetry:** An introductory course in the analysis of poetry

**ENGL U230. Images of Women in Literature:** An introductory course of archetypes and stereotypes of women in literature

**LOGC U105. Basic Introduction to Logic:** Introduction to the structure of argument, including symbolization, proof, formal fallacies, deduction and induction

**PHIL U121. Moral Problems in the Modern World:** Discussion of contemporary moral problems and related theoretical issues, focusing on such issues as sexual morality, punishment, abortion, racism, sexism, warfare and civil disobedience

**PHIL U131. Introduction to Ethics:** Critical examination of normative theories of obligation and value using a variety of moral problems as units of analysis

**SOCY U102. Social Aspects of Marriage and Family:** Introduction to the functions, processes, and problems of families

**SOCY U205. Introduction to Contemporary Social Issues:** Introduction to selected current social issues and problems

**SOCY U206 . Introduction to Social Psychology:** Fundamental question about human behavior emphasizing the relationship between the individual and the group

**SOCY U235. Introduction to Death and Dying:** Introduction to the social aspects of death and dying, including rites and rituals of different societies

# Graduate Programs

USC Upstate offers the following graduate degrees:

## **George Dean Johnson, Jr. College of Business and Economics**

Master's Degree: Business Analytics

## **School of Education, Human Performance and Health**

Master's Degrees: Applied Learning and Instruction, Special Education:

Visual Impairment, Teaching in Special Education: Visual Impairment

Post-Baccalaureate Certification: Teaching English to Speakers of Other Languages (ESOL) K-12

## **Department of Informatics**

Master's Degree: Informatics

Post-Baccalaureate Certification: Informatics

## **Mary Black School of Nursing**

Master's Degrees: Nursing (Emphasis on Clinical Nurse Leader), Nursing Education, Nursing Leadership

## **Department of Psychology**

Post-Baccalaureate Certification: Child Advocacy Studies

*Up* is where we live.

**UPSTATE**  
University of South Carolina

The University of South Carolina Upstate offers the following graduate degrees:

*In the George Dean Johnson, Jr. College of Business and Economics offers:*

**Master of Science in:**

- Business Analytics

*In the School of Education, Human Performance, and Health*

**Master of Education in:**

- Applied Learning and Instruction
- Special Education: Visual Impairment

**Master of Arts in Teaching in:**

- Special Education: Visual Impairment

*In the College of Science and Technology, the Department of Informatics offers:*

**Master of Science in Informatics with an emphasis on:**

- Healthcare Information Management or
- Information Resources Management

*The Mary Black School of Nursing offers:*

**Master of Science in Nursing with an emphasis on:**

- Clinical Nurse Leader
- Nursing Educator
- Nursing Leadership

**The following information is common to all graduate programs. Please note any specific requirements associated with each degree.**

## Admission

Application packets may be obtained from the USC Upstate Admissions Office. Applications for admission to graduate programs will be given consideration after receipt of all credentials.

### PROOF OF CITIZENSHIP

USC students must present proof of citizenship or lawful presence in the U.S. before enrolling. This policy has been adopted by the University in order to comply with section 59-101-430 of the South Carolina Code of Laws, as amended, which requires that lawful presence in the United States is verified before enrollment at any public institution of higher education. Verification of immigration status for non-citizens will be conducted by International student officials. For other students, a proof of citizenship verification process has been adopted to deter and prevent false claims of citizenship by unlawful aliens attempting to evade the eligibility requirements of section 59-101-430. Students who are not verified as citizens during the Federal financial aid application (FAFSA) process must present proof of citizenship in the form of one of the following acceptable documents:

- Copy of the South Carolina driver's license if the student first became a licensed driver in the state after Jan. 1, 2002;
- A Certified Birth Certificate indicating that you were born in the United States or a territory of the United States. A photocopy of your birth certificate is not acceptable.
- Current U.S. Passport or U.S. Passport that has not been expired more than 10 years;
- Certificate of Naturalization - USCIS Form (N-550 or N-570);
- U.S. government issued Consular Report of Birth Abroad;
- Certificate of Citizenship (N-560 or N-561);
- Unexpired U.S. Active Duty/Retiree/Reservist Military ID Card (DOD DD-2)

The University can accept photocopies of birth certificates and other citizenship documents so long as we reserve the right to demand production of the certified original in the event we have any questions about whether

the copy is true and accurate, or in the event any of the information on the copy is unreadable. For more information: <http://registrar.sc.edu/html/citizenshipverification.stm>.

### CHANGE OF ACADEMIC OBJECTIVES

Students are admitted to a specific graduate program at the time of acceptance. Upon completion of that degree, further graduate study requires readmission to graduate studies.

### VALID PERIOD OF ADMISSION

Admission to graduate study at USC Upstate is valid for one year. If an applicant fails to complete any graduate course or part of the prescribed program within this period, the acceptance lapses, and the student becomes subject to any new requirements that may have been adopted. Students who do not enroll in classes within one calendar year of admission must reapply.

Students who have been admitted to graduate study at the University of South Carolina under regulations other than those now in force, and who have not completed any USC courses during a period of three or more years, are required to fulfill current admission requirements prior to attending USC Upstate for additional graduate work. Upon readmission, these students become subject to the current graduate regulations.

### APPLICANTS NOT SEEKING A DEGREE

Students wishing to enroll in either program courses or professional development courses but who do not wish to pursue a graduate degree at USC Upstate must submit the following admission materials:

- Application for Non-Degree Seeking Graduate Students (available at [www.uscupstate.edu](http://www.uscupstate.edu))
- Residency form with all requested information and supporting documents
- \$10 application fee<sup>1</sup>
- Proof of immunization for measles (rubeola) and German measles (rubella) if born after Dec. 31, 1956.

Students admitted as non-degree students may take up to 18 hours of graduate work. In order to enroll in more than 18 hours as a non-degree student, the applicant must complete another non-degree application form and a state residency status form.

### DISABILITY SERVICES

Students with disabilities are assisted through the Office of Disability Services. The staff works toward accessibility for all university programs, services, and activities in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. Services offered include priority registration, test proctoring, classroom adaptation, sign language interpreter, reader, braille, and note taker. If you have a disability and need assistance, contact the Office of Disability Services.

### GRADUATE TUITION

Academic fees at the University of South Carolina Upstate are established by the University of South Carolina Board of Trustees and are subject to change.

### TUITION

Please see *Fees & Expenses* section for more information.

### ACADEMIC REGULATIONS

Students may obtain a degree following the requirements in force at the time they are admitted to degree candidacy, or under subsequent regulations published while they are degree candidates. However, students are restricted in the choice of requirements to one specific catalog. Students have a period of *six* years inclusive and continuous in which to claim the



rights of a specific catalog. Students may request permission to revalidate USC Upstate program courses falling outside the six-year parameter. With the approval of the appropriate graduate administrator, the student will work under the direct supervision of a graduate faculty member to update course content and to demonstrate competency on an examination.

Students are advised that unforeseen circumstances may interfere with the scheduling of any given course or degree offering. Students are required to take such developments into account as they arise, even if doing so means a delay in the fulfillment of some of their academic goals or modification of those goals.

### ADVISEMENT

Every candidate admitted for a degree is assigned a faculty advisor with whom to plan a program of study relevant to specific objectives and sufficiently intensive and sequential to assure professional competence and breadth of knowledge. Students have the privilege of requesting a particular advisor, subject to the consent of the faculty member and approval of the appropriate graduate administrator. The advisor should be a specialist in the candidate's major area of study.

### PROGRAM OF STUDY

Immediately following admission to the program, every degree seeking student, working with an advisor, must develop and file a program of study in the office of the appropriate graduate program. A program of study is an agreement signed by the student, the advisor and the appropriate graduate administrator. This formal agreement serves a number of purposes to the benefit of both the student and the University. It causes the student and the advisor to engage in early planning with a specific goal in mind; it provides useful information for the planning of course offerings; it facilitates subsequent advisement, and it protects the student in the event of unexpected curriculum or faculty changes. Although formal programs are binding, they can be modified or replaced by new programs if conditions warrant such changes.

### COURSES

**Prerequisites.** Prerequisite courses are listed to inform students about the academic background recommended for satisfactory course completion. The instructor may approve the enrollment of students who have acquired the equivalent knowledge or skills through other courses or experiences. Special permission to enroll should be requested from the instructor prior to registration.

**Course loads.** Nine semester hours in the fall and spring semesters and three hours during a summer session are considered full time enrollment. A student may enroll in no more than 12 hours during a fall or spring semester, 3 hours during Maymester, or 6 hours during a single summer session without permission of the appropriate graduate administrator. Forms to request permission for an overload are available on the University's website.

**Correspondence courses.** The University neither offers correspondence courses for graduate credit nor accepts correspondence work as applicable toward any graduate degree.

**Credit by examination.** No graduate credit is offered by examination.

**Auditing.** Students wishing to audit graduate courses are advised to obtain permission from the appropriate graduate administrator. Arrangements for auditing are duly recorded at the time of registration. No credit may be earned for an audited course, either by examination or otherwise, and no audited course may be repeated for credit at a later date. No record of audit shall appear on a transcript unless a student attends 75 percent of the classes.

**Course Numbering.** Because USC Upstate does not offer doctorate degrees,

graduate courses shall be numbered from 600 to 799, as appropriate to reflect the level of difficulty of the course. Typically, a 700-level course will be more complex or require additional knowledge or expertise compared to a 600-level course. A 600-level course should not require a 700-level course as a prerequisite.

### ACADEMIC RESIDENCY REQUIREMENT

Students must successfully complete a minimum of 24 semester hours of program courses offered by the University of South Carolina Upstate in order to meet minimum academic residency requirements.

### DROPPING A COURSE

Courses dropped through the late registration period will not be recorded on the student's transcript. A course dropped following late registration through the tenth week of a regular semester is recorded with a non-penalty grade of W. After the tenth week of the semester, any courses dropped will appear on the permanent record with a grade of WF unless documentation is offered which is acceptable to the instructor and the appropriate graduate administrator. A WF is treated as an F in the evaluation of the student's eligibility to continue and in computing the student's grade point average. Students who stop attending class without officially withdrawing have the course recorded with a grade of F, which is included in all calculations and totals. In summer sessions, other shortened terms, and specially scheduled courses, the period for withdrawal with a grade of W is 72 percent of the total number of class days. A course cannot be dropped after the last day of classes specified for the session in which the course is scheduled.

If a student must either drop a course or withdraw from the University for medical reasons or other acceptable major cause after the penalty date (last day to receive a W), the student must submit the form entitled Request for Assignment of W Grade for Medical Reason or Extenuating Circumstances After Penalty Date. This form must be approved by the course instructor and the appropriate graduate administrator.

### WITHDRAWAL FROM ALL COURSES

All students, both full- and part-time, wishing to withdraw from the University (discontinue enrollment from all courses) must complete an Application for Withdrawal form. Withdrawal applications are available from the Records Office and online. Students must obtain the required signatures before the withdrawal will be processed by the Records Office.

Grades assigned upon withdrawal are determined as described above for dropping courses. The date of withdrawal from the University will be posted on student transcripts.

Any student withdrawing within the scheduled refund period can expect to receive a refund through the mail in approximately six to eight weeks. If at the time of withdrawal, the student has any financial obligations to the University, these will be deducted from any refund due. Refunds for those students who received and used financial aid in payment of academic fees will be applied toward repayment of financial aid.

Students who have received long-term loans through the University must contact the financial aid office for an exit interview. Failure to participate in an exit interview may result in a hold being placed on transcripts.

### GRADES AND CREDIT

**Credit values.** Courses that carry 3 semester hours credit meet a minimum of 2100 instructional minutes.

**Grading system.** The letter grades A, B, C, D and F are employed to designate excellent, good, fair, poor and failing work respectively. B+, C+ and D+ also may be recorded. Courses graded D or lower cannot be applied to

degree programs. The letter grades S (satisfactory) and U (unsatisfactory) are assigned only in courses that have been approved for pass-fail grading, or in a regular course where the student, with the approval of the appropriate graduate administrator, has elected an individual pass-fail option (see Pass/Fail Option). Courses completed with an S may be counted toward total credits earned.

The grade of I, incomplete, is assigned at the discretion of the professor when in the professor's judgment, a student is prevented from completion of some portion of the assigned work in a course because of an unanticipated work-related responsibility, family hardship, illness, accident, or verified disability. The student should notify the professor without delay that one of these conditions exists or has arisen; notification must be given prior to the end of the term. The professor will determine, according to the nature of the interruption and the uncompleted requirements, what additional period of time will be allowed for completing the work before a permanent grade is assigned. An Assignment of Incomplete Grade form must then be completed by the professor specifying the justification for the I, conditions for make-up, and deadline for completion. Re-enrolling in a course will not make up an incomplete grade. A grade of I is not computed in the calculation of a student's grade point average.

After 12 months an I, which has not been replaced with a letter grade is changed permanently to a grade of F unless the I was erroneously recorded. If the professor believes there is academic justification for an extension beyond the one year limit, a request for extension should be submitted to the appropriate graduate administrator before the expiration of the year, specifying the justification and specific duration of the extension on the form entitled Extension of Incomplete Time Period Authorization.

NR, no record, is assigned by the Records Office if a grade has not been submitted at the proper time or if any grade not approved for a particular course has been submitted. It is a temporary mark on the transcript, and must be replaced by a grade. If replacement does not occur before the last week of the spring or fall semester following the term from which the grade was recorded, a grade of F will be assigned.

Special make-up work, extra work, or examination to change a grade already recorded is not permitted.

**Academic standards.** Graduate courses may be passed for degree credit with a grade as low as C, but the student's average on all courses attempted for graduate credit must be at least B (3.0 on a 4 point system). Additionally, the student's average on all courses numbered 700 or above must be no less than 3.0. Grades earned on credits transferred from other universities do not count in the grade point average.

An accumulation of grades below B on 12 credits of graduate course work taken at the University within a six year period will disqualify a student for a graduate degree. This rule applies to courses taken in degree programs, non-degree programs, or in more than one degree program. These students are suspended from degree candidacy but may enroll in professional development courses with the approval of the appropriate graduate administrator. After a grade below B is six years old, it will cease to be a disqualifying factor.

**Transfer Credit.** Transfer work from a regionally accredited institution applicable to a master's degree MUST BE WITHIN THE SIX YEARS PRIOR to USC Upstate degree completion. A maximum of twelve semester hours credit (nine if part of a master's degree at the other institution) may be considered, subject to these additional provisions: (a) the courses must

be documented by an **official** transcript mailed to the admissions office by the awarding institution; (b) the transcript must clearly indicate that **graduate** credit was awarded or specifically verified by the institution's registrar or graduate dean; (c) the courses must be judged appropriate by the student's advisor, approved by the appropriate graduate administrator, and listed on an approved program of study; (d) courses graded lower than B are not transferable; (e) USC Upstate provides no revalidation mechanism for courses completed at another institution.

**Appeals for reinstatement.** Appeals for reinstatement to degree candidacy should be reviewed by the appropriate graduate administrator and forwarded to the senior vice chancellor for academic affairs for review by the USC Upstate Academic Affairs Committee.

Appellants who have maintained a B average despite their accumulation of lower grades may, if their appeals are supported by the appropriate graduate department, be allowed to proceed toward their degrees provided they receive no additional grades below B.

Appellants who have not maintained a B average should show extenuating circumstances and obtain the support of the appropriate graduate department if they wish to be considered for reinstatement by the USC Upstate graduate committee.

#### **PASS/FAIL OPTION**

Under certain circumstances, a student may elect pass/fail grading in a course outside the major area. This option permits enrichment of the student's experience without affecting grade point average. A grade of either S (satisfactory) or U (unsatisfactory) will be awarded. Courses completed with a satisfactory grade may be counted toward total credit hours earned. Any student interested in this option should consult with the appropriate graduate administrator prior to registration.

#### **TRANSCRIPTS**

**All official transcripts must be requested in writing from the USC Columbia Records Office.**

No transcript will be issued to or for a student who is indebted to the University.

With the exception of copies made for internal university use, no copy of a student's record will be released anywhere (including the state department of education) without the student's written consent.

#### **UNDERGRADUATE ENROLLMENT IN GRADUATE COURSES (SENIOR PRIVILEGE)**

A special provision to earn graduate credit is available for USC Upstate undergraduate seniors in their final semester who have a minimum GPA of 3.0, and who need less than a normal course load to complete baccalaureate requirements. Overload enrollment, which includes one or more courses under senior privilege is not allowed. Courses for graduate credit under senior privilege cannot be used toward undergraduate degree requirements.

#### **ATTENDANCE**

Students are expected to attend all regular class meetings. Unsatisfactory class attendance may be considered adequate reason, by the instructor, for requesting the student to withdraw from a course.

Auditors are expected to conform to the same attendance requirements as students registered for credit, but in any case, must attend at least 75 percent of scheduled class meetings.

#### **CHANGE OF NAME**

A student wishing a name change must present to the Records Office proper legal documentation such as a marriage license, a court order approving

a name change, or a divorce decree in which a name change is granted.

### CHANGE OF ADDRESS

Students are obligated to notify the Records Office of any change of address. Failure to do so can cause serious delay in the handling of student records and notification of emergencies at home. Returned mail due to an incorrect address will result in a "hold" being placed on a student's record, preventing registration.

### APPEAL POLICY AND PROCEDURE

The University of South Carolina Upstate is committed to judicious, fair and impartial resolution of all conflicts regarding student complaints. The following process is designed to provide an objective review of the student complaints regarding a variety of academic grievances arising out of admissions, readmissions, assessment of academic records, academic standing, a variety of academic policies and/or grading criteria.

#### General Guidelines

1. All submissions to all levels of appeal must be submitted in writing and applicable forms must be typewritten or word-processed.
2. All parties concerned must honor all deadlines and timelines.
3. While the appeal process may result in the recommendation of a grade change—only faculty who initiated the grade in question shall implement grade changes.
4. The student may appear before and make presentations to the committee during the appeal process.

#### Steps

1. Appeal to the faculty member or initial decisionmaker.
2. Appeal to division chair or appropriate graduate administrator. Must take place within five days of Step 1 decision.
3. Appeal to the dean of appropriate school or college. Must take place within five days of Step 2 decision.
4. Appeal to the USC Upstate Academic Affairs Committee.

Within five days of the dean's decision, the student must submit in writing to the chair of the graduate committee his/her intent to appeal. Within 10 working days of receiving the appeal, the Academic Affairs Committee shall gather all relevant material, hold its hearing and make a report to the vice chancellor for academic affairs.

The decision of the USC Upstate Academic Affairs Committee is final. All decisions regarding grade changes at any step are in the form of recommendations only. Only the faculty member who initiated the grade in question can change grades. Appeals must be initiated before the last day of the following major semester in which the disputed decision was made.

### APPLICATIONS FOR DEGREES

All candidates for a degree must complete the degree application process. Students may obtain an application for degree from the Records Office. Submission deadlines are listed on the website.

### FINANCIAL AID

College work-study and Federal Family Education Loan Programs, which includes both subsidized and unsubsidized Stafford loans, are available to students fully admitted to graduate programs at USC Upstate. To qualify, students must be admitted to a USC Upstate graduate program of study and be enrolled for no less than six hours each semester. Descriptions of these financial aid programs can be found in the undergraduate section of this catalog.

Eligibility for assistance for federal financial aid is determined by complet-

ing a Free Application for Federal Student Aid (FAFSA). The FAFSA is used to calculate the amount a graduate student and family can contribute toward the cost of education from reported income and resources. The difference between the cost of education and the family contribution is the student's financial need. In addition to demonstrating financial need, individual federal aid programs have specific requirements. Program requirements are explained in detail in *The Student Aid Guide* published annually by the U.S. Department of Education and available in the USC Upstate Office of Financial Aid and Scholarships.

### SATISFACTORY ACADEMIC PROGRESS

Graduate students are required to make satisfactory progress for receipt of federal financial aid. Graduate students are considered to be making satisfactory progress if they:

1. are admitted and enrolled as advanced degree or certificate students.
2. meet university standards for continued enrollment in an advanced degree or certificate program.
3. maintain a USC Upstate cumulative grade point average of 3.0 or higher each semester enrolled.
4. complete at least eighty percent of the total number of hours attempted each academic year.

Full-time graduate students will be allowed three academic years to complete the advanced degree. Students enrolled less than full-time will be given the equivalent of six full-time semesters to complete the advanced degree.

Full-time enrollment is defined as nine hours each semester. Half-time enrollment is defined as six semester hours each semester. The hours attempted is defined as the number of hours attempted at the end of the 100% drop period. Incompletes will not be counted as hours passed until a final grade is determined. Repeat courses will be counted as hours attempted in determining satisfactory academic progress.

Students not meeting USC Upstate's satisfactory academic progress standards may appeal to the financial aid committee using the same procedures as undergraduates.

### NOTIFICATION OF STUDENT RIGHTS UNDER FERPA

The Family Educational Rights and Privacy Act (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 request for access.*

Students should submit to the registrar, dean, head of the academic division, or other appropriate official, written requests that identify the record(s) they wish 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.*

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identifying the part of the record they want changed, and specify why it 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.*

The University of South Carolina will disclose information from a student's education records only with the written consent of the student, except:

- (a) 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; a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); 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.
- (b) To officials of other institutions in which the student seeks or intends to enroll provided that the student has previously requested a release of his/her record;
- (c) To authorized representatives of the U.S. Department of Education, the Comptroller General of the United States, state educational authorities, organizations conducting studies for or on behalf of the University, and accrediting organizations;
- (d) In connection with a student's application for, and receipt of, financial aid;
- (e) To comply with a judicial order or lawfully issued subpoena;
- (f) To parents of dependent students as defined by the Internal Revenue Code, Section 152;
- (g) To appropriate parties in a health or safety emergency; or
- (h) To the alleged victim of any crime or violence of the results of any disciplinary proceedings conducted by the University.

The University of South Carolina has designated the following items as **directory information**: a student's name, electronic mail address, local and permanent mailing addresses and telephone numbers, semesters of attendance, enrollment status (full- or part-time), date of admission, date of graduation, school, majors and areas of concentration, whether or not currently enrolled, classification (freshman, etc.), type of degree being pursued, degrees, honors, and awards received (including scholarships and fellowships), weight and height of members of athletic teams, and whether the student has participated in officially recognized activities and sports sponsored by the University.

The University may disclose any of these items without prior written consent, unless the student has submitted a written request to the Office of the Registrar not to release directory information pertaining to them. Requests will be processed within 24 hours after receipt. Directory information will be withheld from student directories and telephone books only if notification is received prior to the publication of these documents. The electronic directory is updated each weekend; requests for non-disclosure will be honored with the next update after the request is processed by the staff of the Office of the Registrar.

(4) *The right to file a complaint with the U.S. Department of Education*

*concerning alleged failures by the 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, 600 Independence Avenue, SW, Washington DC 20202-4605. Questions concerning this law and the University's procedures concerning release of academic information may be directed to the Office of the Registrar at 864-503-5220.

## STATE RESIDENCY REQUIREMENTS

The University of South Carolina Upstate assesses tuition and fees upon the basis of state residency. The rules regarding the establishment of legal residency for tuition and fee purposes for institutions of higher education are governed by the South Carolina Code of Laws. A copy of this law in its entirety is available from the Office of Admissions.

The initial resident status determination is made at the time of admission and prevails until such time that a student establishes a proper claim to residency as defined by the laws of South Carolina. Any student who is discovered to have been improperly classified as a South Carolina resident will be reclassified as a non-resident and will be required to pay differences in fees.

Persons having questions about residency are encouraged to secure a Residency Application Package from the Office of Admissions. Appointments with the director of admissions to discuss residency requirements are also encouraged.

Acronym	Course
CAST	CHILD ADVOCACY
EDEC	EARLY CHILDHOOD EDUCATION
EDEL	ELEMENTARY EDUCATION
EDFO	FOUNDATIONS OF EDUCATION
EDIT	INSTRUCTION & TEACHER EDUCATION
EDLC	LITERACY EDUCATION
EDLD	LEARNING DISABILITIES
EDPD	EDUCATION
EDPS	PROFESSIONAL STUDIES
EDPY	EDUCATIONAL PSYCHOLOGY
EDRM	RESEARCH AND MEASUREMENT IN EDUCATION
EDVI	VISUAL IMPAIRMENT
ENSL	SECOND LANGUAGE LEARNERS
HIMS	HEALTHCARE INFORMATION MANAGEMENT
INFO	INFORMATION MANAGEMENT AND SYSTEMS
MSBA	*BUSINESS ANALYTICS
NURS	NURSING

# MASTER OF SCIENCE IN BUSINESS ANALYTICS

The Master of Science in Business Analytics will equip graduates with "Big Data" analytical skills that will allow them to help their respective companies sift through and analyze large data sets and uncover patterns and insights that will give their firms a valuable competitive advantage. Students with an undergraduate accounting degree should also be able to take sufficient accounting courses to become licensed as a CPA in the state of South Carolina.

## **The program goals are to:**

1. Provide students with the knowledge of the three areas of data analytics: descriptive (data mining and data visualization), prescriptive (optimization and simulation), and predictive (forecasting and regression analysis).
2. Provide students with a practical experience with the popular analytics software tools and languages such as SAS and R.
3. Provide students with the necessary skills to design creative data analytics solutions to complex business problems.

## **The student learning objectives are that upon completing the MSBA program, graduates will be able to:**

1. Access, clean, and mine data.
2. Analyze, interpret, and visually display data.
3. Model, analyze, and determine an optimal solution to business problems.
4. Provide estimates about the likelihood of future values of a business metric.
5. Use popular analytics software tools and languages (e.g.: SAS and R).
6. Conduct analyses and communicate the results in a clear business language to inform business decisions.

## **Admissions Requirements:**

A Baccalaureate in business or a related field with foundation courses in mathematics, statistics and business taken prior to enrollment. Students from USC Upstate should have a GPA of 3.0 or above, or a GPA of 2.5 and an acceptable GMAT or GRE score. For students from other institutions a GPA of 2.5 and an acceptable GMAT or GRE is required. A GMAT/GRE waiver is available for students graduating from AACSB-accredited institutions with a GPA of 3.5 or higher, applicants who have completed a Master's or Doctoral degree program, and applicants who have two or more years of work experience in a related field.

## **Application Requirements:**

1. Application, application fee, residency form with all requested information and supporting documents.
2. Transcripts: Individuals seeking admission must provide official transcripts showing all post-secondary coursework attempted and an award of a baccalaureate degree from an accredited college or university. To be considered official, transcripts must be sent directly from the institution to USC Upstate or delivered in a sealed envelope bearing a registrars stamp.
3. Letter of recommendation: Two letters of recommendation are required. Letters should be from professionals knowledgeable about the student's academic or professional potential.
4. Current CV or resume.
5. Personal statement: Applicants are required to submit a one page personal statement that describes their career goals and how this degree will be utilized to help attain those goals.

# Master of Science in Business Analytics

## Student Worksheet

I. Required Courses		21
	credit hrs.	Completed
MSBA U700: Introduction to Quantitative Analysis and Programming	3	
MSBA U705: Data Mining and Management	3	
MSBA U710: Predictive Analytics and Forecasting	3	
MSBA U720: Data Visualization	3	
MSBA U730: Optimization	3	
MSBA U740: Analytical Decision Making	3	
MSBA U790: Analytics Capstone	3	
II. Electives (any combination of three courses)		9
MSBA U745: Financial Analytics	3	
MSBA U750: Accounting Analytics	3	
MSBA U755: International Accounting and Consolidations	3	

MSBA U760: Data Governance, Law and Ethics	3	
MSBA U765: Business Process and Operations Analytics	3	
MSBA U770: Programming for Analytics	3	
MSBA U775: Web and Social Media Analytics	3	
MSBA U780: Marketing Analytics	3	
Master of Science in Nursing:		
NURS U705: Advanced Digital and Information Literacy for Nurses	3	
NURS U710: Nursing Research Methods	3	
NURS U722: Data Analysis in the Healthcare System	3	
NURSE U723: Evidence Based Practice Project	3	
Master of Science in Informatics:		
HIMS U750: Health Services Research Methods and Analytics	3	

## Master of Science in Business Analytics Degree Completion Suggested Course Sequence

*Students should seek advice from advisor about sequencing*

	Summer		Fall		Spring	
		credit hrs.		credit hrs.		credit hrs.
Year 1	MSBA U700: Intro to Quantitative Analysis and Programming	3	MSBA U710: Predictive Analytics and Forecasting	3	MSBA U740: Analytical Decision Making	3
	MSBA U705: Data Mining and Management	3	MSBA U720: Data Visualization	3	MSBA U790: Analytics Capstone	3
			MSBA U730: Optimization	3	Elective	3
	<b>Total Semester Hours</b>	<b>6</b>	<b>Total Semester Hours</b>	<b>9</b>	<b>Total Semester Hours</b>	<b>9</b>

Year 2	Summer	
		credit hrs.
	Elective	3
	Elective	3
	<b>Total Semester Hours</b>	<b>6</b>

<b>Total Hours Required</b>	<b>30</b>
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## **USC Upstate School of Education, Human Performance, and Health Graduate Mission Statement "Preparing Reflective Professionals"**

Educators prepared in the graduate school at USC Upstate are well-versed in the liberal arts and applicable content areas, the latest developments in curriculum and instruction, theory and practice, and the research-based, sociocultural, and philosophical foundations of education. They understand and respect cultural diversity, welcome diversity of opinion and belief, and place the welfare of their students first. As reflective professionals, they are leaders among their colleagues and are committed to a service ideal built upon the highest standards and ethical principles.

### **ADMISSION STANDARDS FOR DEGREE SEEKING STUDENTS**

Individuals seeking admission to USC Upstate as a degree candidate will be considered for full admission when the USC Upstate Admissions Office receives all admissions materials. A baccalaureate or higher degree from a college or university accredited by a regional accrediting agency is required. All graduate admission decisions are made by the individual academic units where the program resides.

Applicants whose educational preparation is equivalent to that represented by a baccalaureate degree and who have sufficient preparation to undertake advanced study may be admitted after review of their application materials, including appropriate test scores, recommendations, and transcripts.

Academic units have the option of recommending the applicant for admission with conditions. This indicates that an admissions committee has met and determined that it is not yet ready to recommend full admission for the applicant. This conditional recommendation is appropriate for applicants who:

- need to take undergraduate courses or other prerequisites;
- need to prove themselves capable of graduate course work in the program by achieving a minimum GPA of 3.25 on the initial 12 hours of USC Upstate graduate program course work;
- need to satisfy any other valid conditions that the committee sets before full admission can be recommended

### **Application Requirements for Master of Education Programs**

1. Application, application fee, residency form with all requested information and supporting documents.
2. Transcripts: Individuals seeking admission must provide official transcripts showing all post-secondary course work attempted and the award of the baccalaureate or higher degree by an accredited college or university. Official transcripts verifying all previous college-level course work are required for the University's records. To be considered official, transcripts must be sent directly from the institution to USC Upstate or delivered in a sealed envelope bearing a registrar's stamp.
3. Letters of Recommendation: Three letters of recommendation using forms provided.
4. Official Test Scores: Submission of either the Miller Analogies Test or the Graduate Record Examination (GRE) is acceptable. Note: GRE and MAT scores are valid for five years.
5. Valid Teacher Certificate
6. Personal Statement: Applicants are required to submit a 1-2 page personal statement that describes their academic and/or other interests.
7. Proof of immunization for measles (rubeola) and German measles (rubella) if born after Dec. 31, 1956.

### **Application Requirements for Master of Arts in Teaching**

1. Application, application fee, residency form with all requested information and supporting documents.
2. Transcripts: Individuals seeking admission must provide official transcripts showing all post-secondary course work attempted and the award of the baccalaureate or higher degree by an accredited college or university. Official transcripts verifying all previous college-level course work are required for the University's records. To be considered official, transcripts must be sent directly from the institution to USC Upstate or delivered in a sealed envelope bearing a registrar's stamp.

3. Letters of Recommendation: Three letters of recommendation using forms provided in the application packet.
4. Documentation of a passing score on all three sections of the state-adopted entrance examination Praxis Core. This requirement may be waived for candidates who meet SC minimum scores. Contact the School of Education, Human Performance, and Health for more details.
5. Official Test Scores: Submission of either the Miller Analogies Test or the Graduate Record Examination (GRE) is acceptable. Note: GRE and MAT scores are valid for five years.
6. Personal Statement: Applicants are required to submit a 1-2 page personal statement that describes their academic and/or other interests.
7. Proof of immunization for measles (rubeola) and German measles (rubella) if born after Dec. 31, 1956.

### **APPLICANTS NOT SEEKING A DEGREE**

Students wishing to enroll in either program courses or professional development courses but who do not wish to pursue a graduate degree at USC Upstate must submit the following admission materials:

- Application for Non-Degree Seeking Graduate Students (available at [www.uscupstate.edu](http://www.uscupstate.edu))
- Residency form with all requested information and supporting documents
- \$10 application fee<sup>1</sup>
- Proof of immunization for measles (rubeola) and German measles (rubella) if born after Dec. 31, 1956.

Students admitted as non-degree students may take up to 18 hours of graduate work. In order to enroll in more than 18 hours as a non-degree student, the applicant must complete another non-degree application form, a state residency status form, and submit a copy of a teaching credential.

# MASTER OF EDUCATION DEGREE IN APPLIED LEARNING AND INSTRUCTION

Programs of study leading to the degree of Master of Education in Applied Learning and Instruction are offered with concentrations in early childhood education, elementary education, literacy, and teaching English to speakers of other languages (TESOL), and research in practice. Aimed at equipping teachers to meet the needs of students in their diverse classrooms, the M.Ed. in Applied Learning and Teaching emphasizes the application of theory and evolving practices in clinical settings, positively impacting schools and communities. The four concentrations within the M.Ed. focus enable teachers to focus their studies an area of interest that may also lead to additional professional certifications. Teachers who select the early childhood or elementary concentration will take courses that may be applied toward the South Carolina add-on certification in early childhood and elementary education respectively. The concentration in literacy offers courses that may be applied toward the South Carolina literacy teacher add-on certification and the TESOL concentration offers courses that may be applied toward the South Carolina ESOL add-on certification. Coursework in the TESOL concentration may also be applied to the Post-Baccalaureate Certificate in Teaching English to Speakers of Other Languages (ESOL) K-12. The research in practice concentration offers a flexible path for teachers to earn a variety of relevant endorsements toward their South Carolina teaching certificate (e.g. Gifted and Talented, Problem-Based Learning, etc.) and explore and apply the most current research in their field in their own classrooms.

Further information about graduate programs is available from the USC Upstate Office of Graduate Programs in Education at 864-503-5573 and at [www.uscupstate.edu/graduate](http://www.uscupstate.edu/graduate).

USC Upstate Master of Education degrees are not designed for the purpose of initial teacher certification. Initial teacher certification is required for admission to the M.Ed. degree program.

The Master of Education degree requires successful completion of an approved program of study providing 36 hours of graduate credit, of which at least 50 percent must be earned in courses numbered 700 or above (the remainder may be in courses numbered 500-699). The program of study should be established immediately after full admission to the program; the program of study is completed with a student's assigned advisor. Professional development courses may be considered as part of a degree program if the coursework is consistent with the program. No more than 6 hours of professional development courses may be used in a degree program. For the degree, a minimum grade point average of 3.0 (B) is required on the total graduate program. An accumulation of grades below B on 12 hours of graduate work attempted at the university will disqualify a student for a graduate degree. Questions should be directed to the Office of Graduate Programs in the School of Education, Human Performance, and Health.

## Master of Education in Applied Learning and Instruction *Suggested Course Sequence\**

	Concentration	Fall		Spring		Summer	
<b>Year 1</b>	Early Childhood	EDPS U732	EDFO U744	EDRM U700	EDPY U705	EDEC U740	EDEC U742
	Elementary	EDPS U732	EDFO U744	EDRM U700	EDPY U705	EDEL U715	EDEL U760
	Literacy	EDPS U732	EDFO U744	EDRM U700	EDPY U705	EDLC U720	ENSL U728
	TESOL	EDPS U732	EDFO U744	EDRM U700	EDPY U705	ENSL U718	ENSL U728
	Research	EDPS U732	EDFO U744	EDRM U700	EDPY U705	EDTE U760	Concentration Course 1
<b>Year 2</b>	Early Childhood	EDTE U726	EDTE U728	EDTE U731	EDEC U608	EDEC U750	EDLC U721
	Elementary	EDTE U726	EDTE U728	EDTE U731	EDEL U615	EDEL U642	EDLC U721
	Literacy	EDTE U726	EDTE U728	EDTE U731	EDLC U724	EDLC U727/ U728	EDLC U721
	TESOL	EDTE U726	EDTE U728	EDTE U731	ENSL U708	ENSL U758	ENSL U760
	Research	EDTE U761	EDTE U728	EDTE U731	EDTE U726	Concentration Course 2	Concentration Course 3

*\*The program of study can be completed in 18 months by taking additional courses in the summer.*



# Master of Education in Applied Learning and Instruction

## Student Worksheet

Core		21
	credit hrs.	Completed
EDFO UU744: Philosophy and Education	3	
EDPS U732: Enhancing Learning for Diverse Cultures	3	
EDPY U705: Children and Adolescents as Learners	3	
EDRM U700: Introduction to Research in Education	3	
EDTE U726: Standards-based Assessment for PK-12	3	
EDTE U728: Contemporary Issues & Trends in Teaching and Learning	3	
EDTE U731: Using Innovative Technology to Support Instruction	3	

Early Childhood Concentration		15
	credit hrs.	Completed
EDEC U608: Parent Involvement in Early Childhood Education	3	
EDEC U740: The Young Child: Applying Theory and Research	3	
EDEC U742: Advanced Study of Early Childhood Curricula and Program Models	3	
EDEC U750: Play Theory and Early Learning	3	
EDLC U721: Instructional Strategies for Reading in Grades PK-5	3	

Elementary Concentration		15
	credit hrs.	Completed
EDEL U615: Science in the Elementary School	3	
EDEL U642: Teaching Mathematics to Young Children	3	
EDEL U715: The Elementary School Curriculum	3	
EDEL U760: Implementing Social Studies in Elementary/Middle School	3	
EDLC U721: Instructional Strategies for Reading in Grades PK-5	3	

Literacy Concentration		15
	credit hrs.	Completed
EDLC U720: Foundations of Literacy	3	
EDLC U721: Instructional Strategies for Reading in Grades PK-5	3	
EDLC U724: Diagnostic Assessment in Grades PK-5	3	
EDLC U727: Reading and Writing in the Content Areas in PK-5 or EDLC U728: Reading and Writing in the Content Areas 6-12	3	
ENSL U728: Literacy Instruction for K-12 Second Language Learners	3	

TESOL Concentration		15
	credit hrs.	Completed
ENSL U708: Introduction to Linguistics	3	
ENSL U718: Techniques for Teaching English to K-12 Second Language Learners	3	
ENSL U728: Literacy Instruction for K-12 Second Language Learners	3	
ENSL U758: Assessment of K-12 Second Language Learners	3	
ENSL U760: Practicum in Teaching English to K-12 Second Language Learners	3	

Research in Practice Concentration		15
	credit hrs.	Completed
EDTE U760: Research and Intervention Design Seminar	3	
EDTE U761: Implementation and Evaluation Seminar	3	
Concentration Course 1 <sup>1</sup>	3	
Concentration Course 2	3	
Concentration Course 3	3	

<sup>1</sup>Concentration courses will be determined in consultation with the advisor to ensure the graduate courses selected form a coherent emphasis for the program of study.

# MASTER OF EDUCATION IN SPECIAL EDUCATION: VISUAL IMPAIRMENT

The Master of Education degree in Special Education: Visual Impairment is a degree offered collaboratively by USC Upstate and the South Carolina School for the Deaf and the Blind. Orientation sessions for potential candidates are offered prior to the beginning of the summer sessions and at the beginning of the fall semester. More information about this program is available from the USC Upstate Graduate Programs Office at 864-503-5573.

The masters in Special Education-Visual Impairment requires:

1. Successful completion of an approved program of study providing 39 hours of graduate credit.
2. Successful completion of a case study demonstrating competency in working with individuals with visual impairment. The portfolio will be a requirement in EDVI U735: Practicum in Special Education.

For the degree, a minimum grade point average of 3.0 (B) is required on the total graduate program. An accumulation of grades below B on 12 hours of graduate work attempted at the university will disqualify a student for a graduate degree.

Every candidate admitted for the degree of Master of Education in Special Education - Visual Impairment will have a faculty advisor assigned to monitor the program of study. The program is a Cohort model intended to be completed in two calendar years; however the program may be extended over four years. Embedded in degree requirements are courses required for an endorsement in visual impairment education.

## Master of Education in Special Education: Visual Impairment

### *Student Worksheet*

I. Research Competencies		3
	credit hrs.	Completed
EDRM U700: Intro to Research in Education	3	
II. Professional Studies		6
	credit hrs.	Completed
EDLC U721 V: Instructional Strategies for Reading in Grades PK-5: Teachers of Students with Visual Impairments	3	
EDPS U725: Advanced Study of K-12 Curric.	3	
III. Visual Impairment Studies		29
	credit hrs.	Completed
EDVI U610: The Nature and Needs of Learners with Visual Impairment	3	
EDVI U650: Anatomy, Physiology, and Disorders of the Visual System	3	

EDVI U675: Functional Low Vision Assessment and Intervention	3	
EDVI U705: Literary Braille Code	3	
EDVI U706: Advanced Braille	3	
EDVI U712: Assistive and Instructional Technology for Learners with Visual Impairment	3	
EDVI U717: Orientation and Mobility for Learners with Visual Impairment	3	
EDVI U724: Visual Impairment and Multiple Disabilities	3	
EDVI U730: Assessment and Educational Methods for Learners with Visual Impairment	3	
EDVI U735: Practicum in Special Education-Visual Impairment	3	

(\*courses offered by Distance Learning)

# POST-BACCALAUREATE CERTIFICATE IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (ESOL) K-12

A Post-Baccalaureate Certificate in Teaching English to Speakers of Other Languages (ESOL) K-12 is designed for K-12 school personnel who wish to advance their professional development and enhance their knowledge and expertise in Teaching of English to Speakers of Other Languages (ESOL) but are not seeking a masters degree.

This is a non-degree program and it does not grant the State of South Carolina add-on Teaching Certificate in ESOL. The courses included in the program do cover areas currently listed in the South Carolina Teacher Certification Manual for a K-12 ESOL Certification in the State of South Carolina. Teachers with knowledge and skill in teaching second language learners are needed at every grade level. ESOL endorsement may be added to any certificate: early childhood, elementary, middle grades, secondary, special education, or physical education. Additional courses may be needed in order to meet all certification requirements depending on a candidate's academic background. Please consult the SDE Certification Office if in need of additional information. Certification regulations may be changed by the State of South Carolina.

USC Upstate Post-Baccalaureate Certificate in ESOL program is not designed for the purpose of initial teacher certification.

The Post-Baccalaureate Certificate in ESOL program requires:

1. Successful completion of an approved program of study providing 15 hours of graduate credit, of which at least 80 percent must be earned in courses numbered 700 or above (the remainder may be in courses numbered 500-699).

For the Post-Baccalaureate Certificate in ESOL program, a minimum grade point average of 3.0 (B) is required on the total Post-Baccalaureate Certificate program with a minimum average of B on all 700-800 level courses. An accumulation of grades below B on any 12 hours of graduate work attempted at the University will

disqualify a student for the Post-Baccalaureate Certificate. Professional development courses may be considered as part of a Post-Baccalaureate Certificate program if the coursework is consistent with the program. Questions should be directed to the Director of Graduate Programs.

No academic program of study can be approved until the student has been admitted to the Post-Baccalaureate Certificate program. Students are cautioned that graduate credit earned prior to full admission to degree candidacy may not be applicable toward the certificate requirements. No more than 3 hours may be transferred into the Post-Baccalaureate Certificate in the ESOL program. A maximum of 6 hours of reduced tuition rate courses (standard graduate-level contract courses) may be accepted. Each academic unit must approve the inclusion of reduced tuition rate graduate-level course work on the program of study. The program of study should be established immediately after admission to the program; the program of study is completed with a student's assigned advisor or the Director of Graduate Programs.

The Post-Baccalaureate Certificate in the ESOL program is offered in a 12 consecutive month sequence. These graduate level courses will be offered in the day during the first summer session and late in the afternoon during fall and spring semesters, making the program accessible to individuals who are in-service teachers. The fall and spring courses require practicum experiences; students must work directly with speakers of other languages either in after-school or weekend programs to meet course expectations. Though the rotation of courses will remain constant, graduate candidates may elect to complete their program at a slower pace, as long as the program is completed within three years.

## Post-Baccalaureate Certificate in Teaching English to Speakers of Other Languages (ESOL) K-12

### Student Worksheet

I. Specialized Preparation		12
	credit hrs.	Completed
ENSL U708: Introduction to Linguistics	3	
ENSL U718: Techniques for Teaching English to K-12 Second Language Learners	3	
ENSL U728: Literacy Instruction for K-12 Second Language Learners	3	
ENSL U760: Practicum in Teaching English to K-12 Second Language Learners*	3	
<i>*Practicum hours are split and are corequisites for ENSL U718 and ENSL U728.</i>		
II. Elective, one from the following		3
	credit hrs.	Completed
ENSL U748: Linguistic / Cultural Diversity		
ENSL U758: Assess. of K-12 Second Learners*		
EDPS U732: Enhan. Learning of Div. Cultures		
<i>*Also requires one corequisite practicum hour</i>		

Suggested Sequence of Courses		
	credit hrs.	Completed
<b>Summer I</b>		
ENSL U708: Introduction to Linguistics	3	
<b>Fall</b>		
ENSL U718: Techniques for Teaching English to K-12 Second Language Learners	3	
ENSL U760: Practicum in Teaching English to K-12 Second Language Learners	1	
EDPS U732: Enhancing Learning for Diverse Cultures <sup>1</sup>	3	
<sup>1</sup> or other elective		
<b>Spring</b>		
ENSL U728: Literacy Instruction for K-12 Second Language Learners	3	
ENSL U760: Practicum in Teaching English to K-12 Second Language Learners	2	

## **Additional requirements for the State of South Carolina add-on Teaching Certificate in ESOL**

- Bachelor's degree
- Initial or professional certificate at the elementary, middle, secondary or pre-K–12 level
- Minimum qualifying score(s) on the South Carolina content area examination(s) required by the State Board of Education
- Second language learning experiences documented by any one of the following:
  - six semester hours in a single second language;
  - completion of intensive language training by the Peace Corps, the Foreign Service Institute or the Defense language Institute;
  - placement in a third-year-level course in the foreign language department at an accredited college or university; or
  - demonstration of second-language proficiency in a language that is unavailable at accredited institutions through verification in writing from an official designated by the State Department of Education.

\* For the purpose of the State of South Carolina add-on Teaching Certificate in ESOL the Practicum may be waived based on one year's experience teaching ESOL.

From State Department of Education updated July 2012.

# MASTER OF ARTS IN TEACHING IN SPECIAL EDUCATION: VISUAL IMPAIRMENT

USC Upstate and its partner, the South Carolina School for the Deaf and the Blind, will provide rigorous, comprehensive training and supervised fieldwork that will equip teacher candidates in meeting the diverse needs of students with visual impairment aged 3-21. Field experiences begin the first semester of the program and continue throughout the program. Students will have two seven-week field placements: one placement in a special education resource or residential setting, the other placement as an itinerant teacher serving students on multiple campuses.

## Master of Arts in Teaching in Special Education: Visual Impairment *Student Worksheet*

<b>I. Foundations</b>		<b>6</b>
	<b>credit hrs.</b>	<b>Completed</b>
EDPS U715: Advanced Perspectives on Educating Individuals with Disabilities	3	
EDLC U720: Foundations of Literacy	3	

<b>II. Professional Studies</b>		<b>6</b>
	<b>credit hrs.</b>	<b>Completed</b>
EDLC U721 VI: Instructional Strategies for Reading in Grades PK-5: Teachers of Students with Visual Impairments	3	
EDPS U725: Advanced Study of K-12 Curriculum	3	

<b>III. Visual Impairment Studies</b>		<b>27</b>
	<b>credit hrs.</b>	<b>Completed</b>
EDVI U610: The Nature and Needs of Learners with Visual Impairment	3	
EDVI U650: Anatomy, Physiology, and Disorders of the Visual System	3	

EDVI U675: Functional Low Vision Assessment and Intervention	3	
EDVI U705: Literary Braille Code	3	
EDVI U706: Advanced Braille	3	
EDVI U712: Assistive and Instructional Technology for Learners with Visual Impairment	3	
EDVI U717: Orientation and Mobility for Learners with Visual Impairment	3	
EDVI U724: Visual Impairment and Multiple Disabilities	3	
EDVI U730: Assessment and Educational Methods for Learners with Visual Impairment	3	

<b>IV. Student Teaching/Internship</b>		<b>6</b>
	<b>credit hrs.</b>	<b>Completed</b>
EDVI U734: Internship in Visual Impairment Education	6	

## ***USC Upstate Department of Informatics and Engineering Systems Graduate Mission Statement:***

Information management professionals in the graduate program at USC Upstate are broadly prepared in information technology, communications, and business theory. Graduates choosing the electives in Information Resource Management (IRM) understand unique challenges of managing people, projects, information, knowledge, processes and information resources in today's quickly changing globalized market. Graduates choosing electives primarily in Healthcare Information Management (HIM) understand how to apply and manage information management resources in the health sciences setting.

### **Degree Candidates**

Individuals seeking admission to USC Upstate as a degree candidate, will be considered for full admission when the USC Upstate Admissions Office receives **all** admissions material. However, students are eligible to take up to 6 hours of program courses pending receipt of all materials. Applications are reviewed holistically in their entirety and in comparison to other applications received to select candidates who are a good fit for and who will be reasonably expected to succeed in the program. If the student meets all criteria, the student will be accepted as a degree candidate. Requirements are:

- Professional resume
- Application as a degree-seeking student
- Graduate application fee
- State residency status form
- Two (2) letters of recommendation using forms provided in the application packet
- Official test scores: submission of either the Miller Analogies Test (MAT) or the Graduate Records Examination (GRE) is acceptable. Note: MAT and GRE scores are only valid for five years.
- Official copies of all previous graduate and undergraduate studies
- A minimum GPA on all undergraduate coursework of 2.5 on a 4.0-point scale
- Proof of immunization for measles (rubeola) and German measles (rubella) if born after December 31, 1956
- An interview with a Department of Informatics faculty member
- A written statement of intent as to why the applicant wishes to apply to the program

### **Conditional Admission**

As long as all other admission requirements have been fulfilled, a student may apply for conditional admission by submitting a written request to the chair of the Department of Informatics in either of the following cases:

- If, after two attempts, the student fails to meet the required Miller's Analogy Test score of 390 or Graduate Records Examination of 146 on the verbal section and 140 on the quantitative section
- The student has a GPA on all undergraduate coursework of below 2.5 on a 4.0-scale.

If the student is granted conditional admission, the student must maintain a GPA of 3.25 on the initial twelve (12) hours of USC Upstate graduate coursework to be fully admitted as a Master's candidate, or meet the criteria set forth by the Informatics Graduate Faculty committee as appropriate. If the student fails to achieve this GPA, the student may not continue in the Master's program.

Each candidate will be reviewed by an admissions panel consisting of faculty from the Department of Informatics and Engineering Systems. The panel will make recommendations including possible remedial coursework (additional courses at the undergraduate level to repair any deficiencies in the candidate's background), to the chair of the Department of Informatics who will make the final decision on admission. The Dean of the College of Science and Technology will be able to reverse any admission decision made by the chair. Before a student begins the independent study or research portion of the curriculum, each student will be assigned a faculty mentor to serve as the student's advisor. Some students may be offered graduate student stipends depending on availability of funding.

# MASTER OF SCIENCE IN INFORMATICS

The Master of Science in Informatics requires:

1. Successful completion of an approved program of study providing 24 hours of graduate credit of which at least 50% must be earned in courses numbered 700 or above.
2. Successful completion of independent study, resulting in a professional-quality survey paper, or original research, resulting in a thesis, providing a minimum of 6 hours of graduate credit earned in courses numbered U798 or U799.
3. Successful presentation and defense of the survey paper or thesis.

A minimum grade point average of 3.0 (B) is required over the entire graduate program, and a minimum grade of C is required in all graduate courses.

## Master of Science in Informatics Student Worksheet

I. Core Courses <i>(Required for all students)</i>		12
	credit hrs.	Completed
INFO U650: Cloud Based Info. Resource Management	3	
INFO U710: Management of Innovation & Intellectual Property	3	
INFO U762: Interoperability	3	
INFO U763: Advanced IT Project Management	3	

II. Electives <i>(any combination of 5 courses)</i>		12
	credit hrs.	Completed
Information Resource Management		
INFO U622: Adv. Knowledge-Based Systems	3	
INFO U720: Information Architecture	3	
INFO U727: Cybersecurity Management	3	
INFO U740: Cognitive Systems	3	
INFO U745: Digital Forensics Technology	3	
INFO U761: Business and Competitive Intelligence	3	
INFO U796: Special Topics in Graduate Informatics	3	

Health Informatics		
HIMS U750: Health Services Research Methods & Analytics	3	
HIMS U751: Healthcare Purchasing, Supply Chain & IT Vendor Management	3	
HIMS U753: Strategic Planning for Healthcare Information Management Systems	3	
HIMS U752: Compliance in the Healthcare Industry	3	

III. Independent Study / Master's Thesis <i>(any combination totaling 6 hours as approved by advisor)</i>		6
	credit hrs.	Completed
INFO U798: Independent Graduate Study in Informatics	1-6	
INFO U799: Thesis Preparation	1-6	

# Post-Baccalaureate Certificates in Informatics

## Student Worksheet

The Post-Baccalaureate Certificates in Informatics are offered as a way for working professionals to gradually enter graduate coursework without the commitment required for a full Master of Science program. The program includes two levels of certificate: Intermediate and Advanced.

### Certificate Candidate Admission Criteria

For purposes of admission, individuals seeking admission to USC Upstate Post-Baccalaureate Certificate in Informatics: Intermediate will be considered non-degree seeking students. To be admitted into the program, students must have earned a baccalaureate degree from an accredited institution. Individuals should submit:

- State residency status form
- Official copies of all previous graduate and undergraduate studies
- Proof of immunization for measles (rubeola) and German measles (rubella) if born after December 31, 1956

Admission to the Certificate program does not guarantee admission to the Master of Science in Informatics program. Certificate students seeking full admission as degree-seeking candidates must meet the same criteria for application as any other candidate. However, upon successful admission to the Master of Science in Informatics program, any coursework earned towards a Certificate may be used to earn the Master of Science in Informatics degree. Note that degree-seeking students will receive priority registration for courses over non-degree seeking students, should seats be limited.

### Certificate Program Requirements

The Post-Baccalaureate Certificate Program in Informatics: Intermediate requires successful completion of twelve (12) hours of graduate level informatics or health informatics courses, not including independent study. The Post-Baccalaureate Certificate Program in Informatics: Advanced requires successful completion of the Post-Baccalaureate Certificate Program in Informatics: Intermediate plus six (6) additional credit hours of graduate level informatics or health informatics courses, not including independent study. Courses used to earn the Post-Baccalaureate Certificates in Informatics may be used towards earning the Master of Science in Informatics. Courses numbered INFO U798 and INFO U799 may not be used towards the Certificates. Graduate level informatics and health informatics courses are any INFO or HIMS course offered at the 600 level or above.

A minimum grade point average of 3.0 (B) is required over the entire graduate program, and a minimum grade of 2.0 (C) is required in all graduate courses.

Certificate of Informatics: Intermediate  
Requires 12 hours of graduate level informatics courses  
*Choose four courses from the list below.*

Certificate of Informatics: Advanced  
Requires six additional hours of graduate level informatics courses above and beyond the Certificate of Informatics: Intermediate  
*Choose two additional courses from the list below. Courses used to earn the Certificate of Informatics: Intermediate may not be repeated for the Certificate of Informatics: Advanced, with the exception of INFO U796 (Special Topics), where the course topics differ.*

INFO U622: Advanced Knowledge-Inference Systems  
INFO U650: Info. Resource Management  
INFO U710: Systematic Innovation  
INFO U720: Information Architecture  
INFO U760: Intellectual Property Protection for IT  
INFO U761: Business and Competitive Intelligence  
INFO U762: Interoperability  
INFO U763: Advanced IT Project Management  
INFO U796: Special Topics in Graduate Informatics

HIMS U750: Public Health Statistics  
HIMS U751: Healthcare IT Vendor Management  
HIM U752: Compliance in the Healthcare Industry  
HIMS U753: Strategic Planning for Healthcare Information Mgmt. Systems



# MARY BLACK SCHOOL OF NURSING: MASTER OF SCIENCE IN NURSING

## MISSION STATEMENT

The Mary Black School of Nursing provides innovative and high-quality nursing education to Upstate South Carolina and beyond. We strive for excellence in teaching, service, and scholarship, embrace diversity and inclusion, and establish meaningful partnerships needed to graduate nursing students of choice who are prepared to serve as leaders and change agents in promoting health within the community.

## Master of Science in Nursing Program Goals:

At the completion of the program, the graduate will be able to:

1. Integrate critical reasoning, theoretical and evidence-based knowledge, and nursing skills in information and healthcare technology to improve patient outcomes.
2. Employ skilled communication to develop and lead patient centered, interprofessional teams and advocate for patient centered and culturally responsive care among diverse patient populations.
3. Demonstrate transformative leadership by blending strong evidence and clinical expertise in the provision of safe high-quality advanced nursing practice.
4. Analyze the effect of policy across healthcare organizations and systems and act as a change agent to advocate for health policies focused on improving the wellbeing of the community.

## Admission Standards for Degree Seeking Students

Individuals seeking admission to USC Upstate as a degree candidate will be considered for full admission when the USC Upstate Admissions Office receives all admissions materials. A baccalaureate (BSN) degree from a college or university and accredited by a regional accrediting agency is required. Nurses admitted to the RN-BSN program can receive direct admissions to the MSN program at USC Upstate.

## Additional requirements include:

- An unencumbered RN license
- Nursing grade point average (NSG-GPA) of 3.0 on a 4.0 scale
- Cumulative grade point average (CUM-GPA) of 3.0 on a 4.0 scale for undergraduate coursework (official transcripts for all post-secondary school coursework are required),

- Undergraduate level statistics course

## Application Requirements for Master of Science in Nursing program:

1. Application, application fee, residency form with all requested information and supporting documents.
2. Transcripts: Individuals seeking admission must provide official transcripts showing all post-secondary coursework attempted and the award of the BSN degree by an accredited college or university. Official transcripts verifying all previous college-level course work are required for the University's records. To be considered official, transcripts must be sent directly from the institution to USC Upstate or delivered in a sealed envelope bearing a registrar's stamp.
3. Letters of Recommendation: Three letters of recommendation are required. Recommendations should be from professional knowledgeable about the applicant's academic and nursing leadership potential.
4. Validation of current RN license
5. Current CV or resume
6. Completion of agency requirements needed for clinical practice.
7. Personal statement: Applicants are required to submit a 1-2 page personal statement that describes career goals and how this degree will be utilized as a practicing CNL, a Nursing Educator and a Nursing Leader.

# Master of Science in Nursing (Emphasis on Clinical Nurse Leader)

## Student Worksheet

(Part-time study is also possible; students should seek guidance regarding required sequencing.)

Required Prerequisite		
Completion of a BSN degree and licensure as a registered nurse		
Required Courses		
	credit hrs.	Completed
<b>FIRST YEAR</b>		
NURS U700: Theoretical and Conceptual Foundations for Nursing	3	
NURS U701: Health Promotion and Advanced Health Assessment	3	
NURS U702: Advanced Pathophysiology	3	
NURS U703: Cultural Perspectives in Health Care	2	
NURS U710: Advanced Evidence-Based Nursing Practice	3	
NURS U711: Health Care Delivery Systems	2	
NURS U712: Role of the Nurse as Leader	3	
NURS U713: CNL Practicum I	1	
<b>TOTAL HOURS</b>	<b>20</b>	

Summer Semester (optional-instead of NUSR 703)		
NURS U715: Global Health Care	2	
	credit hrs.	Completed
<b>SECOND YEAR</b>		
NURS U720: Advanced Applied Pharmacology	3	
NURS U721: Quality and Risk Management	2	
NURS U722: Data Analysis	2	
NURS U723: Evidence Based Practice Project I	1	
NURS U724: CNL Practicum II	1	
NURS U730: Outcomes Evaluation in the Health Care Systems Leadership	3	
NURS U731: Evidence Based Practice Project II	2	
NURS U732: CNL Practicum III	4	
<b>PROGRAM HOURS</b>	<b>38</b>	

# Master of Science in Nursing Education

## Student Worksheet

(Part-time study is also possible; students should seek guidance regarding required sequencing.)

Required Prerequisite		
Completion of a BSN degree and licensure as a registered nurse		
Required Courses		
	credit hrs.	Completed
<b>FIRST YEAR</b>		
NURS U700: Theoretical and Conceptual Foundations for Nursing	3	
NURS U701: Health Promotion and Advanced Health Assessment	3	
NURS U702: Advanced Pathophysiology	3	
NURS U703: Cultural Perspectives in Health Care	2	
NURS U704: Education in Nursing	3	
NURS U706: Curriculum & Program Dev.	3	

NURS U707: Instruction & Evaluation Strategies	3	
NURS U710: Advanced Evidence-Based Nursing Practice	3	
<b>SECOND YEAR</b>		
NURS U711: Health Care Delivery Systems	2	
NURS U720: Advanced Applied Pharmacology	3	
NURS U725: Role of the Nursing Educator	3	
NURS U726: Nursing Educator Practicum	4	
NURS U739: Advanced Management of Health	1	
NURS U740: Advanced Management of Health Practicum	2	
<b>Program Total</b>		<b>38</b>

# Master of Science in Nursing Leadership

## Student Worksheet

(Part-time study is also possible; students should seek guidance regarding required sequencing.)

Required Prerequisite		
Completion of a BSN degree and licensure as a registered nurse		
Required Courses		
	credit hrs.	Completed
<b>FIRST YEAR</b>		
NURS U700: Theoretical and Conceptual Foundations for Nursing	3	
NURS U703: Cultural Perspectives in Health Care	2	
Elective <sup>1</sup>	3	
NURS U710: Advanced Evidence-Based Nursing Practice	3	
NURS U711: Health Care Delivery Systems	2	
<b>TOTAL HOURS</b>	<b>13</b>	

Cognates		
	credit hrs.	Completed
<b>SECOND YEAR</b>		
NURS U712: Role of the Nurse Leader	3	
NURS U714: Organizational Theory	3	
NURS U715: Healthcare Policies & Financing	3	
NURS U716: Economic & Healthcare Outcomes	3	
NURS U721: Quality & Risk Management in Health Systems Leadership	2	
NURS U722: Data Analysis in the Healthcare System	2	
NURS U733: Nursing Leadership Immersion I	3	
NURS U734: Nursing Leadership Immersion II	3	
NURS U735: Nursing Leadership Practicum	3	
<b>Program Total</b>		<b>38</b>
<i><sup>1</sup> Students may choose any graduate level courses - 3 credit hours.</i>		

# USC UPSTATE DEPARTMENT OF PSYCHOLOGY POST-BACCALAUREATE CERTIFICATE PROGRAM IN CHILD ADVOCACY STUDIES

The Post-Baccalaureate Certificate Program in Child Advocacy Studies is designed to provide greater knowledge for professionals who are already working in the child protection field or to provide education for individuals who are preparing for a career in this area. Students completing the Post-Baccalaureate Certificate Program in Child Advocacy Studies will be well equipped to work in healthcare, criminal justice, and social service fields as they advocate on behalf of children and the families they serve.

Graduates of this program will have a strong understanding of the theoretical and environmental issues that surround child abuse, evidence-based intervention strategies, and multidisciplinary approaches to prevention, advocacy, and treatment of child maltreatment victims and survivors. This curriculum is experiential and multi-disciplinary with an emphasis on ethical and legal responsibility, and cultural sensitivity. The multidisciplinary framework enhances professional skills in a variety of settings including law enforcement, behavioral health, healthcare, law, and education. This is a non-degree post-baccalaureate certificate program.

## Criminal Background Checks

Applicants must submit a current criminal background check (SLED), conducted within the previous sixty days, with their application for the Post-Baccalaureate Certificate Program in Child Advocacy Studies. The applicant assumes the cost of the SLED background check. Due to the sensitive nature of the subject matter and limitations on employment in the field, applicants who have been found guilty, plead guilty, or have plead no contest to any crime against a child, any crime of a sexual nature, or any crime involving violence, will be scrutinized carefully by the Post-Baccalaureate Certificate Program in Child Advocacy Studies Admissions Committee. Enrollment in the CAST 699 Child Advocacy Project/Internship requires a second SLED background report and a Department of Social Services Central Registry background check. The internship applicant will also provide a professional credentials/licensing status check if applicable.

## Certificate Candidate Admission Criteria

Individuals seeking admission to USC Upstate Post-Baccalaureate Certificate Program in Child Advocacy Studies will be considered for full admission when the USC Upstate Admissions Office receives all admissions materials. All admission decisions are made by the Child Advocacy Studies Admissions Committee.

## Admission to the Post-Baccalaureate Certificate Program in Child Advocacy Studies requires:

1. Submission of the USC Upstate non-degree seeking application, application fee, residency form with all requested information and supporting documents.
2. Submission of the Post-Baccalaureate Certificate Program in Child Advocacy Studies application form available from the Child Advocacy Studies Program office (CASB114).
3. A Baccalaureate degree from a college or university accredited by a regional accrediting agency as supported by the submission of official transcripts.
4. A GPA of 3.0 on a 4.0 point scale in the last 60 hours of academic work is preferred; however, a GPA of 2.5 on a 4.0-point scale in the last 60 hours of academic work is acceptable. Demonstrated field experience may override the GPA requirement.
5. Submission of two letters of recommendation using forms provided in the application packet.
6. Submission of a personal statement that describes career goals and how the Post-Baccalaureate Certificate in Child Advocacy Studies will be utilized.
7. Submission of a current criminal background check.
8. Proof of immunization for measles (rubella) and German measles (rubeola) if born after December 31, 1956.

## Applicants Not Seeking a Certificate

Students wishing to enroll in graduate courses in Child Advocacy Studies but who do not wish to pursue a Post-Baccalaureate Certificate in Child Advocacy Studies at USC Upstate must submit the following admission materials:

1. Application for Non-Degree Seeking Graduate Students.
2. Residency form with all requested information and supporting documents.
3. Application fee.
4. Submission of the Post-Baccalaureate Certificate Program in Child Advocacy Studies office (CASB114).
5. Submission of a current criminal background check.
6. Proof of immunization for measles (rubeola) and German measles (rubella) if born after Dec. 31, 1956.

## Certificate Program Requirements

The Post-Baccalaureate Certificate Program in Child Advocacy Studies requires successful completion of the fifteen-hour (15) core interdisciplinary curriculum, including a field project or internship. A final minimum grade point average of 3.0 (B) is required for the certificate program and a minimum grade of C is required in all graduate courses.

# Post-Baccalaureate Certificate Program in Child Advocacy Studies

## Student Worksheet

(Part-time study is also possible; students should seek guidance regarding required sequencing.)

Core Courses		15
	credit hrs.	Completed
CAST U700: Perspectives in Child Maltreatment		
CAST U701: System Responses to Child Strategies		
CAST U702: Prevention and Intervention		
CAST U798: Topics in Child Advocacy		
CAST U799: Child Advocacy Project/ Internship		
<b>TOTAL HOURS</b>		<b>15</b>

Suggested Sequence of Courses		
	credit hrs.	Completed
<b>FIRST YEAR</b>		
<b>Fall</b>		
CAST U700: Perspectives in Child Maltreatment	3	
<b>Spring</b>		
CAST U701: System Responses to Child Maltreatment	3	
<b>SECOND YEAR</b>		
<b>Fall</b>		
CAST U702: Prevention and Intervention Strategies	3	
<b>Spring</b>		
CAST U798: Topics in Child Advocacy	3	
<b>Summer</b>		
CAST U799: Child Advocacy Project/ Internship	3	
<b>TOTAL HOURS</b>	<b>15</b>	

# GRADUATE COURSE DESCRIPTIONS

## CHILD ADVOCACY STUDIES (CAST)

**CASTU700. Perspectives in Child Maltreatment (3)** Survey of the clinical and empirical literature on child abuse and neglect. Includes an overview of definitional issues, psychological impact, prevention and intervention strategies, system responses, policy implications, and child advocacy. Prerequisite: admission to the Child Advocacy Studies Certificate Program, or consent of the Child Advocacy Studies Curriculum Committee.

**CASTU701. System Responses to Child Maltreatment (3)** Social, medical, legal, educational, and therapeutic responses to child maltreatment, with a focus on investigating allegations and determining both criminal and family/civil court outcomes. Prerequisite: CAST U700, or consent of the Child Advocacy Studies Curriculum Committee.

**CASTU702. Prevention and Intervention Strategies (3)** Evidence-based prevention and intervention strategies from multidisciplinary and culturally sensitive approaches. Comprehensive assessment and treatment issues will be addressed along with other issues commonly found in maltreating families, such as domestic violence, substance abuse, and poverty. Prerequisite: CAST 700, or consent of the Child Advocacy Studies Curriculum Committee.

**CAST U798. Topics in Child Advocacy (3)** Emerging issues in child advocacy. May be repeated for credit when topics vary. Prerequisite: admission to the Child Advocacy Studies Certificate Program, or consent of the Child Advocacy Studies Curriculum Committee.

**CASTU799. Child Advocacy Project/Internship (3)** Supervised capstone project and/or field experience in a community agency. Prerequisites: CAST 700, CAST 701, CAST 702 and consent of instructor. Acceptance into the Program and meeting academic prerequisites does not guarantee a project approval or field placement. Enrollment in the CAST 799 Child Advocacy Project/Internship requires an interview and approval of the CAST director along with an updated criminal background check, Department of Social Services Central Registry background check, and a professional credentials/licensing status check.

## EARLY CHILDHOOD EDUCATION (EDEC)

**EDEC U608. Parent Involvement in Early Childhood Education (3)** Analysis of programs and practices for involving parents in early childhood educational settings. Emphasis on objectives, methods, techniques and materials for program development. Community resources for supporting programs for children in various instructional settings.

**EDEC U698. Topics in Early Childhood Education (1-3)**

**EDEC U699. Independent Study (3)**

**EDEC U712. Practicum in Parent Involvement in Early Childhood Education (3)** School- and home-based experience with parents. Emphasis is upon home-school relationships and their effects upon the young child's

development and learning. Participation with advisory groups, parent activities in the classroom, home visits, and parent-teacher communication. Weekly seminar sessions. Prerequisite: EDEC U608.

**EDEC U740. The Young Child: Applying Theory and Research (3)** Analysis and discussion of theory and research related to the education of young children. Intellectual, social, emotional and physical development of infants, toddlers and young children will be examined. Special emphasis on implication for developing early childhood educational instructional programs. Prerequisite: EDPS U705.

**EDEC U742. Advanced Study of Early Childhood Curricula and Program Models (3)** An analysis of early childhood program models and curricula with theoretical orientation, related research, societal needs, and the student's philosophy of education.

**EDEC U744. Advanced Study of Language Development and Communication Skills in Early Childhood Education (3)** Provides classroom teachers with an overview of the development of language and communication skills in children, birth through eight.

**EDEC U750. Play Theory and Early Learning (3)** Theory, research and practices related to the play of young children in various instructional settings.

**EDEC U794. Types of Early Childhood Centers (3)** An overview of the function, funding, management and organization of the many varied programs for young children, including research centers, private and agency controlled schools.

**EDEC U797. Seminar in Early Childhood Education (3)** Synthesis of development, curriculum, cognition and related issues in early childhood education. Prerequisites: 30 hours of Program of Study courses completed including EDPS U705, EDRM U700, EDFO U744 and EDEC U742.

**EDEC U811. Current Trends & Issues in Early Childhood Education (3)** Early childhood education is a new, developing and rapidly changing field; this course presents an evaluation of current programming. Extensive use will be made of ERIC and similar services. An analysis of what is taking place currently in various innovative and experimental centers.

**EDEC U812. Practicum in Early Childhood Education (3-6)** Open only to teachers and graduate students who have had no experience or training for work with children below the first grade, especially those desiring certification. Supervised school-based experiences and related seminar participation will be required. Prerequisites: EDEC U420 and U422.

## ELEMENTARY EDUCATION (EDEL)

**EDEL U544. Modern Approaches to Mathematics Teaching (3)** Curriculum and pedagogy for mathematics topics taught in grades 3 through 8.

**EDEL U615. Science in the Elementary School (3)** Reinforces the science background of practicing elementary teachers. Innovations are examined. Emphasis is placed on methods, materials, community resources and evaluation procedures.

**EDEL U642. Teaching Mathematics to Young Children (3)** Analysis of a developmental approach to teaching children under the age of nine.

**EDEL U645. Diagnostic Teaching of Arithmetic (3)** Analysis of the concepts and skills of arithmetic in the school mathematics curriculum; exploration of diagnostic-prescriptive teaching methods.

**EDEL U648. Teaching Mathematics to Students in Grades 4-6 (3)** Instructional approaches and materials for teaching elementary school mathematics, grades 4-6.

**EDEL U698. Topics in Elementary Education (1-3)**

**EDEL U699. Independent Study (3)**

**EDEL U715. The Elementary School Curriculum (3)** Critical study of the modern elementary school curriculum.

**EDEL U717. Curriculum Problems in the Elementary School (3)** A careful examination of the persistent problems of elementary schools (grouping, promotions, etc.) and the best solutions in terms of research findings and expert opinion. Prerequisite: EDEL U715.

**EDEL U720. Middle Organization and Curriculum (3)** An overview of the development of the middle school, history, purposes and organization and an in-depth analysis of middle school organization and curriculum. The characteristics of middle school students, methods of evaluating students, and the overall curricular program are also considered.

**EDEL U745. Teaching Elementary Problem Solving, Geometry, and Measurement Topics (3)** Analysis of the school curriculum and instructional methods in the designated areas of mathematics; exploration of appropriate outcomes of instruction.

**EDEL U760. Implementing Social Studies in the Elementary/Middle School (3)** The selection of teaching procedures and instructional materials used to teach social studies in the elementary school will be investigated.

**EDEL U780. Seminar in Elementary Education (3)** Students will synthesize their graduate studies for a master's degree in elementary education. Prerequisites: 30 hours of Program of Study courses which must include EDPS U705, EDRM U700, EDFO U744 and EDEL U715 or EDEL U720.

**EDEL U783. Advanced Study of the Teaching of Mathematics in the Middle or Junior High School (3)** Historical developments and recent innovations in curricula, resources, and techniques in the teaching of mathematics in the middle or junior high school. Investigative research into the improvement of instruction is required.

**EDFO U744. Philosophy and Education (3)** The functional considerations governing educational theories and practices.

## LITERACY EDUCATION (EDLC)

**EDLC U720. Foundations of Literacy (3)** An overview of reading and its curricular implications. Emphasis will be placed on developing teachers' knowledge and understanding of the linguistic, psychological, and social foundations of reading and writing instruction.

**EDLC U721. Instructional Strategies for Reading in Grades PK-5 (3)** Demonstration and critical evaluation of reading and writing instructional approaches. Emphasis will be placed on evidence-based approaches, instructional materials and integrative, comprehensive, balanced curricula necessary to support student learning in the PK-5<sup>th</sup> grade classroom.

**EDLC U721 V. Instructional Strategies for Reading in Grades PK-5: Teachers of Students with Visual Impairments (3)** Demonstration and critical evaluation of reading and writing instructional approaches for students with visual impairments. Emphasis will be placed on evidence-based approaches, how to adapt instructional materials and integrative, comprehensive, balanced curricula necessary to support students with visual impairment in the PK-5<sup>th</sup> grade classroom.

**EDLC U722. Developing Literacy from Kindergarten through Second Grade (3)** Literacy instruction from oral language through emergent literacy. Emphasis will be placed on developing phonemic awareness and concepts about print, and on scaffolding the transition through emergent literacy into the initial stages of reading and writing. Related, developmentally appropriate assessments will be considered as tools for focusing literacy support.

**EDLC U723. Developing Literacy from Grades Three through Eight (3)** Literacy instruction in grades three through eight supporting the transition of learners from the initial stages of reading and writing into fluency. Emphasis will be placed on integrating literacy instruction throughout the curriculum. Developmentally appropriate literacy assessments as well as techniques for supporting struggling readers and writers will be included.

**EDLC U724. Diagnostic Assessment in Grades PK-5 (3)** Diagnostic assessments and differentiated reading strategies. Emphasis will be placed on administering assessments, interpreting results and matching research-based strategies to meet the needs of PK-5 students. Meets Read to Succeed requirements.

**EDLC U727. Reading and Writing in the Content Areas: PK-5 (3)** Demonstration and critical evaluation of strategies and structures to promote effective content area literacy. Emphasis will be placed on evidence-based approaches and how to incorporate literacy into cross-disciplinary content areas in the PK-5<sup>th</sup> grade classroom.

**EDLC U728. Reading and Writing in the Content Areas (3)** A survey of reading and writing strategies for supporting learning in the content areas. Attention will also be given to enhancing literacy skills of middle school and secondary school students.

## FOUNDATIONS OF EDUCATION (EDFO)

## LEARNING DISABILITIES (EDLD)

### **EDLD U753. Teaching Methods of Students with Learning Disabilities**

**(3)** Theory and application of current evidence-based procedures for teaching children with specific learning disabilities.

## PROFESSIONAL STUDIES (EDPS)

**EDPS U699. Directed Studies in Education (1-3)** In-depth investigation of a special topic in education. Fully admitted graduate students will have opportunity to work individually with a faculty member to pursue a topic of interest. Prerequisite: Admission as a degree seeking graduate student in education.

**EDPS U715. Advanced Perspectives on Educating Individuals with Disabilities (3)** Advanced foundation course for understanding perspectives of special education and disability services, including historical trends and philosophical perspectives; comparative practice of service delivery; policy formulation and analysis; and advocacy roles and activities.

**EDPS U725. Advanced Study of K-12 Curriculum (3)** Advanced study of foundations for development, historical context, determinants, content, organization, planning, design and strategies for change of K-12 curricula. The role of teachers in the creation, evaluation and revision of K-12 curriculum is examined.

**EDPS U732. Enhancing Learning Environments for Diverse Cultures (3)** An exploration of the knowledge, skills, and attitudes essential for teaching children from diverse cultures. Though the course will investigate the history and characteristics diverse cultures, the focus of the course will be on promoting the academic and personal success of these children through appropriate learning settings and effective classroom instruction.

## EDUCATIONAL PSYCHOLOGY (EDPY)

**EDPY U705. Children and Adolescents as Learners (3)** Focus on the relationship between growth and development (cognitive, social, emotional, and physical) and learning for children and adolescents. Particular attention will be given to developmentally appropriate teaching practice, learning differences, and learning difficulties.

## RESEARCH AND MEASUREMENT IN EDUCATION (EDRM)

**EDRM U700. Introduction to Research in Education (3)** Emphasis on the major methods and techniques of research employed by students of education.

## INSTRUCTION AND TEACHER EDUCATION (EDTE)

**EDTE U726. Standards-based Assessment for PK-12 (3)** An overview of history, application, and methodology of standards-based assessment in the public schools. Special attention will be given to using data analysis

to inform and improve instruction.

**EDTE U728. Contemporary Issues & Trends in Teaching and Learning (3)** An examination of salient issues in teaching and learning; the role of educational policy in school reform; and globalization and its effects on PK-12 education.

**EDTE U731. Using Innovative Technology to Support Instruction (3)** Study of open-source software, web tools, advanced office tools. Instructional application, copyright issues, and technology limitations are explored.

**EDTE U750. Nature and Needs of Gifted Learners (3)** Theory and practice related to gifted identification, educational and community programs, and provisions for this exceptionality. The unique learning and behavioral characteristics of gifted and talented children and youth and the methodologies for differentiation of the curriculum for these students are explored.

**EDTE U751. Curriculum and Instruction for Gifted and Talented Learners (3)** Examination of history and theories of the field, models and processes for curriculum modification and design. Prerequisite: EDTE U750.

**EDTE U752. Advanced Curriculum for Gifted and Talented Learners (3)** Curricular design, instructional strategies, and the exploration of theoretical models that are suited to the development of differentiated curriculum for the academically and artistically gifted. The design and implementation of thematic units of study are required. Prerequisite: EDTE U751.

**EDTE U760. Research and Intervention Design Seminar (3)** Exploring research in various teaching fields and establishing plans for classroom interventions.

**EDTE U761. Implementation and Evaluation Seminar (3)** Research-based interventions and instructional techniques in classrooms based upon the needs of learners and curricular objectives. Evaluation of interventions using a variety of data sources are shared across disciplines and contexts. Prerequisite: EDTE U760.

## VISUAL IMPAIRMENT (EDVI)

**EDVI U610. Nature and Needs of Learners with Visual Impairment (3)** A historical perspective, legal requirements, ethics, accessibility issues, service delivery systems, prevalence, etiologies, educational interventions, adaptive aids, and resources as it relates to the education of individuals who are blind or visually impaired. The cognitive, linguistic, motor, sensory, and psychosocial development characteristics of children and youth with visual impairment are explored.

**EDVI U650. Anatomy, Physiology, and Disorders of the Visual System (3)** Thorough review of the structure and functioning of the eye and neurological system relating to visualization, congenital and acquired visual abnormalities and their effects on functioning, ophthalmological



examination procedures, and ocular terminology. Educational relevance of course content is emphasized by interpretation of medical eye reports, visual screening, and intervention strategies used to accommodate residual vision.

**EDVI U675. Functional Low Vision Assessment and Intervention (3)**

Provide assistance to a learner with visual impairment who has residual, useful vision by means of optic aids and other adaptive devices. Functional assessment, ophthalmic and optometric consultation, and educational intervention constitute course content. Prerequisite: EDVI U650.

**EDVI U705. Literary Braille Code (3)**

A historical perspective, review of devices used to transcribe braille, comprehensive overview of uncontracted and contracted braille, and extensive practice in the production of literary braille by the use of the Perkins Braille and a computerized Perkins Braille emulator. Instruction begins with uncontracted braille and common contractions in a logical sequence until all contractions are covered and the student is proficient in reading and transcribing braille.

**EDVI U706. Advanced Braille (3)**

Transcription of mathematics, science notation, music, and foreign language into braille on a Perkins Braille and a computerized Perkins Braille emulator. This course also includes instruction in using an abacus, creating tactile graphics, developing perceptual skills, using a slate and stylus, and teaching the Nemeth Braille Code to students who are visually impaired. Prerequisite: EDVI U705.

**EDVI U712. Assistive and Instructional Technology for Learners with Visual Impairment (3)**

Adaptive aids, electronic devices, computerized Braille embossers, synthetic voice output, print reading programs and other software. Students learn about technological devices and become proficient in the use and instruction of these devices and programs. Prerequisite: EDVI U705.

**EDVI U717. Orientation and Mobility for Learners with Visual Impairment (3)**

Instruction in cane skills, orientation, mobility, and activities of daily living for students with visual impairment. The role and responsibilities of the teacher in instruction and in relationship with a certified orientation and mobility professional are stressed.

**EDVI U724. Visual Impairment and Multiple Disabilities (3)**

The cumulative effects of visual impairment with concomitant disabilities on cognitive, sensory, motor, psychosocial, linguistic, and educational functioning. Educational intervention strategies, service delivery models, legal implications, and the multidisciplinary team model are reviewed.

**EDVI U730. Assessment and Educational Methods for Learners with Visual Impairment (3)**

Formal and informal approaches to evaluation for development of individualized educational programs, materials, equipment, curriculum adaptations, resources, adaptive aids, and instructional strategies. Emphasis is on knowledge of resources, methods of teaching, and how to develop and implement appropriate educational programs for learners with blindness and low vision. Prerequisite: Completion of 21 credits in visual impairment courses.

**EDVI U734. Clinical Supervised Teaching in Visual Impairment Education (6)**

Supervised school-based experiences and related seminar for initial certification preparation. Prerequisite: 30 hours of Program of Study courses that must include EDVI U705, EDVI U706, EDVI U724, and EDVI U730.

**EDVI U735. Practicum in Special Education: Visual Impairment (3)**

Capstone field experiences and completion of a comprehensive case study and program portfolio. Candidates complete a minimum of 350 hours of supervised teaching of students with visual impairment. The program cumulative portfolio is completed, presented for committee review, and defended. Prerequisite or Corequisite: EDVI U730.

**EXERCISE AND SPORT SCIENCE (EXSC)**

**EXSC U700. Research Methods in Exercise Science (3)**

Forum for discussion on current trends and research in Exercise and Sport Science, as well as a brainstorming unit for research study design.

**EXSC U720. Epidemiology, Research & Practice (3)**

Design Methods used to study the relationships between physical activity and physical and mental health outcomes.

**EXSC U730. Statistical Analysis in Health Application (3)**

Statistical analyses and software use in the Exercise and Sport Science field.

**EXSC U740. Advanced Exercise Physiology (3)**

Acute and chronic effects of exercise on the musculoskeletal, bioenergetic, renal, and cardiorespiratory systems. The content includes discussion of factors that affect exercise performance such as ergogenic aids, genetics, age, sex, and environmental conditions.

**EXSC U750. Advanced Sport Psychology (3)**

Fundamental theories and principles essential to understanding the psychological and behavioral aspects of sport performance including the conceptual frameworks and the applied aspects of sport performance enhancement and mental skills, exercise behavior and motivation, sociological factors, and health.

**EXSC U755. Exercise and Brain Health (3)**

Effects of exercise on brain, mood, and cognition in normal and special populations as well as implications for public policies and therapies.

**EXSC U760. Lab Techniques in Exercise Science (3)**

Acquisition and practice of advanced laboratory techniques that measure various physiological and fitness parameters in both clinical and research settings.

**EXSC U765. Neuromuscular and Endocrine Physiology (3)**

Mechanisms that affect neuromuscular and endocrine function, particularly in response to acute or chronic physical activity in healthy and unhealthy populations.

**EXSC U770. Advanced Cardiorespiratory Physiology (3)**

Principles and concepts of cardiorespiratory control and adaptations in response to exercise including neural, endocrine, and intrinsic control of cardiac function, respiration, and hemodynamics.

**EXSC U775. Cardiopulmonary Pathophysiology (3)**

Cardiopulmonary physiology, ECG and pulmonary testing interpretation and health-related applications including the implication of disease and structural abnormalities, and the relationship of cardiopulmonary function to exercise adaptation.

**EXSC U780. Advanced Exercise Assessment and Prescription (3)** Principles of exercise testing and prescription for general, special, and clinical populations including behavior modification, metabolic equations, health history assessment, common medications, and emergency risk management.

**EXSC U785. Clinical Chronic Disease Management & Preventative Medicine (3)** Overview of the physical, physiological, and metabolic responses of the human body to exercise testing and training in healthy individuals and in those with metabolic, cardiovascular, and/or pulmonary disease.

**EXSC U798. Special Topics in Exercise Science (3)** An independent pilot study of a local problem or a specialized subject area.

**EXSC U800. Internship I (3)** Practical experiences in clinical cardio-pulmonary setting for 135 hours. Prerequisite: Completion of core courses in the Master of Science in Exercise and Sport Science Program.

**EXSC U801. Internship II (6)** Intensive experiences in clinical cardio-pulmonary setting for 270 hours. Prerequisite: EXSC U800.

**EXSC U810. Research Project (3)** Supervised research experiment contributing to general knowledge in the field. Candidates develop a research problem, literature review, and research model. Prerequisite: Completion of core courses in the Master of Science in Exercise and Sport Science Program.

**EXSC U811. Research Project II (6)** Continued supervised research experiment. Candidates complete data collection, analysis, and draw conclusions for dissemination and contribution to the general knowledge in the field. Prerequisite: EXSC U810.

## HEALTHCARE INFORMATION MANAGEMENT (HIMS)

**HIMS U750. Health Services Research Methods and Analytics (3)** Collection, organization and interpretation of data pertinent to public health and vital statistics, population data, morbidity and mortality rates, and ratios in public health. Principles of quantitative and qualitative research methods. The characterization of health analytics and the continuum of business analytics and clinical analytics used for systemic changes in health care analytical strategy. Prerequisite: admission to the graduate informatics program.

**HIMS U751. Healthcare Purchasing, Supply Chain and IT Vendor Management (3)** Environment and activities necessary to plan, evaluate, select, negotiate contracts, implement and evaluate systems from information technology suppliers in the healthcare industry. Internal and external demands placed on purchasing and supply chain managers internal and external to healthcare organizations. Workflow patterns and the identification of ways in which information technology (IT) can improve these processes. Prerequisite: INFO U622 or INFO U650 or consent of instructor.

**HIMS U752. Compliance in the Healthcare Industry (3)** Managerial and legal issues of healthcare corporate compliance, essential elements of a compliance program, federal legislation, and enforcement initiatives conducted by the US Department of Justice and of the Inspector General.

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Prerequisite: INFO U710 or INFO U720 or consent of instructor.

**HIMS U753. Strategic Planning for Healthcare Information Management Systems (3)** Long range planning, migration path, regulations, and the impact electronic healthcare records had on information resources. Prerequisite: INFO U710 or INFO U720 or consent of instructor.

## INFORMATION MANAGEMENT AND SYSTEMS (INFO)

**INFO U622. Advanced Knowledge-Based Systems (3)** Advanced methods for turning data into information and information into wisdom, concepts and real-world applications of data mining and decision support systems including discovery of interesting facts and decision-making. Prerequisite: admission to the graduate informatics program.

**INFO U650. Cloud Based Resource Management (3)** IT alignment to Cloud computing concepts, technologies, models, types, characteristics, architecture, IT governance, corporate politics that support various building business cases for strategic IT investments, risk management, oversight of cloud based information security policies, and general executive-level business knowledge for information resource managers. Prerequisite: Admission to the graduate informatics program.

**INFO U710. Management of Innovation and Intellectual Property (3)** Incorporation of creative, alternative, parallel thinking methods, and computer-aided innovation (CAI) into existing governance processes and protecting the resulting intellectual property as a critical resource to sustain competitiveness in the global marketplace. Prerequisite: INFO U650 or consent of instructor

**INFO U720. Information Architecture (3)** Structural design of shared information environments such as customizable user interfaces, website portals, intranets and online communities and the conceptual forms maximizing effective presentation and usability. Prerequisite: INFO U622 or consent of instructor.

**INFO U727. Cybersecurity Management (3)** Cybersecurity management, network and security foundation, data recovery techniques, network vulnerability assessments and technologies, issues such as cyber intelligence and internet governance, anticipating attacks, using monitoring tools, and developing defensive strategies. Prerequisite: Admission to the Graduate Informatics Program.

**INFO U740. Cognitive Systems (3)** History of human cognitive augmentation and intelligence amplification, cognitive architectures, current status of the rapidly emerging cognitive computing field, research directions and current trends defining the cognitive systems revolution including deep learning, distributed question/answer, big data, neurosynaptic computer devices and architecture, natural language interfaces, and the democratization of expertise. Prerequisite: admission to the graduate informatics program.

**INFO U745. Digital Forensics Technology (3)** Fundamental topics necessary for digital forensics investigation. Cyber-crime laws, the 4th Amendment, compliance and requirements, collection and handling, analysis, and

reporting. Topics include: File forensics techniques, forensics artifacts, and anti-forensics. Prerequisite: Admission to the Graduate Informatics Program.

**INFO U761. Business and Competitive Intelligence (3)** Use of information technology to facilitate better business decisions by collecting and analyzing the efficiency and productivity of internal operations as well as external influences such as competitors, market trends, and global economics. Prerequisite: INFO U622 or INFO U650 or consent of instructor.

**INFO U762. Interoperability (3)** Techniques for integrating information from disparate systems by different manufacturers using different formats and communication protocols. Topics include: XML, EDI, web services, and standards-based open source collaboration. Prerequisite: INFO U710 or INFO U720 or consent of instructor.

**INFO U763. Advanced IT Project Management (3)** Organizing and using resources to complete structured projects, activities, and tasks within defined scope, quality, time and cost constraints including the selection and alignment of performance metrics to bottom-line goals of the enterprise. Prerequisite: INFO U710 or INFO U720 or consent of instructor.

**INFO U796. Special Topics in Graduate Informatics (1-6)** Select subjects and current trends in the social, cultural, political and technical issues associated with information resource management. Prerequisite: consent of instructor.

**INFO U798. Independent Graduate Study in Informatics (1-6)** Directed research and study in information technology, information resource management, or healthcare information management. Students are required to complete a minimum of 6 hours, but this course may be repeated for additional hours. Prerequisite: consent of instructor.

**INFO U799. Thesis Preparation (1-6)** Preparation of a thesis and research in the pursuit of the master's degree in informatics. Students are required to complete a minimum of 6 hours, but this course may be repeated for additional hours. Prerequisite: consent of instructor.

## **BUSINESS ANALYTICS (MSBA)**

**MSBA U700. Introduction to Quantitative Analysis and Programming (3)** Statistical estimation methods using SAS and R. Topics will include general linear models, ANOVA, piecewise linear regression, logistic regression, and exploratory and confirmatory factor analyses. Prerequisite: ECON U292.

**MSBA U705. Data Mining and Management (3)** The fundamentals of data mining, data management, and data warehousing. Topics include design and querying of relational databases, design, setup and use of data warehouses, and various data and text mining methodologies.

**MSBA U710. Predictive Analytics and Forecasting (3)** Contemporary and comprehensive treatment of modern time series and empirical prediction. Topics include autoregression, moving average, ARIMA processes, volatility models, cluster analysis, and structural equation modeling. Prerequisite or Corequisite: MSBA U700.

**MSBA 720. Data Visualization (3)** The essential and practical skills in visualization, including computer graphics, visual data representation, physical and human vision models, numerical representation of knowledge and concepts, animation techniques, pattern analysis, and computational methods. Various software tools will be studied including R, gg-plot2, and Tableau 8. Prerequisite or Corequisite: MSBA U700.

**MSBA U730. Optimization (3)** Applications of optimization through case studies and computer exercises to provide insights into business and economics. Statistical methods will include linear, network, integer, and nonlinear optimization using excel and SAS/OPTMODEL. Prerequisite or Corequisite: MSBA U700.

**MSBA U740. Prescriptive Analytics (3)** Skills and knowledge necessary to model situations where uncertainty is a major factor. Models may include decision trees, Monte Carlo simulation, discrete event simulation, and stochastic optimization, along with applications for solving a wide variety of common business problems. Prerequisite or Corequisite: MSBA U700.

**MSBA U745. Financial Analytics (3)** Using financial accounting information for performance analysis, forecasting, growth and risk management, analysis of the cost of capital, and corporate restructuring decisions. The emphasis is on researching current accounting and finance topics using business programs such as SAS programming, case studies using Excel, StockTrak investment simulation(s), Bloomberg terminal, Bloomberg Market Concepts, and Crystal Ball Analytics. Prerequisite or Corequisite: MSBA U700.

**MSBA U750. Accounting Analytics (3)** Fundamentals of applying data analytics approaches to accounting and auditing. Topics include using the IMPACT model in accounting and auditing; designing and querying relational databases using the REA (resource/events/agents) data model and SQL; understanding strategic and emerging technologies in accounting relating to data analytics; and applying auditing analytics and modern auditing concepts to aid in sampling and risk assessment. Prerequisites: ACCT U332, ACCT U435.

**MSBA U755. International Accounting and Consolidations (3)** Consolidation of financial statements for both domestic and foreign subsidiaries. Topics will include accounting for foreign currency transactions, hedging and derivatives, and spreadsheet sensitivity analysis to forecast exposure to foreign currency transactions and foreign currency exchange rates. Prerequisites: ACCT U332; Prerequisite or Corequisite: MSBA U700.

**MSBA U760. Data Governance, Law, and Ethics (3)** Ethical and legal theories that have led to various regulations, including antitrust, workers' compensation, social security, employment law, taxation, and environmental compliance. Topics will include the uses of analytics to support the overarching theories and regulations. Prerequisite or Corequisite: MSBA U700.

**MSBA U765. Business Process and Operations Analytics (3)** Quantitative modeling tools and techniques used to solve problems faced in modern supply chains such as forecasting demand, determining the capacity of a manufacturing line, and optimizing the production operation. Prerequisite or Corequisite: MSBA U700.

**MSBA U770. Programming for Analytics (3)** Principle and practical issues while effectively integrating data analytics topics using R/Python. Topics will include data preparation, missing data, lists, functions, and loops. Prerequisite: MSBA U710.

**MSBA U775. Web and Social Media Analytics (3)** Methods and tools to collect, analyze, and report website usage data by visitors, emphasizing the nature of the visits to websites and visitors' demographics. Concepts, tools, tutorials, and cases studies that business managers need to extract and analyze the seven layers of social media data, including text, actions, networks, apps, hyperlinks, search engine, and location layers will be emphasized. Prerequisites: MSBA U700, MSBA U705.

**MSBA U780. Marketing Analytics (3)** Developing analytical methods and applying statistical and mathematical tools to predict consumer behavior. Formal models to analyze how and when customers make product purchase decisions, configure new products, develop market segments, forecast market share, and determine optimal pricing strategies will be introduced. Prerequisites: MSBA U700. MSBA U705.

**MSBA U790. Analytics Capstone (3)** Solving business problems from data collection and model construction through analysis and presentation of results to recommendations for specific business decisions. Commercial and open source software tools will be used to build models and conduct analyses. Prerequisites: MSBA U700, MSBA U705, MSBA U720, MSBA U730. Corequisite: MSBA U740.

**MSBA U796. Topics in Business Analytics (3)** Select subjects and current trends in the social, cultural, political, and technical issues associated with business analytics.

**MSBA U798. Independent Study (1-3)** Select niche topic in business analytics and related disciplines with a special focus on applying theories and principles in business analytics to solve real-world problems. Emphasis is on applied learning to achieve in-depth expertise in a topic of relevance to the workforce. Prerequisite: consent of instructor.

## **NURSING (NURS)**

**NURS U700. Theoretical and Conceptual Foundations for Nursing (3).** Exploration of various nursing theories and the utilization of nursing theory to health care delivery and to the role of the Masters-prepared nurse. This course investigates nursing theory and its relationship to providing comprehensive and holistic care. Prerequisites: Admission to graduate program.

**NURS U701. Health Promotion and Advanced Health Assessment (3).** Comprehensive advanced holistic health assessment skills based on the integration of advanced theoretical and empirical knowledge necessary to identify health needs and risks. Emphasis will be placed on the differentiation between normal and abnormal findings, integration of laboratory findings and diagnostic reasoning analyses for clinical decision making, incorporating the principles of health promotion. Prerequisites: Admission to graduate program.

**NURS U702. Advanced Pathophysiology (3).** Examination of the

pathophysiological bases of disease processes. Advanced pathophysiological concepts for all body systems as a foundation for clinical decision making and nursing management by the advanced practice nurse are included. Prerequisite: Admission to graduate program.

**NURS U703. Cultural Perspective in Healthcare (2).** Emphasis on understanding the ways cultural, ethnic, socioeconomic, linguistic, spiritual, religion and lifestyle variations are expressed. Attention is directed at increasing the capacity of health care professionals to develop culturally sensitive health care systems. Prerequisite: Admission to graduate program.

**NURS U704. Education in Nursing (3).** Educational theories and principles for students, patients, and groups. Teaching and learning themes apply evidence-based strategies and prepare nurses to teach patients, peers, and students in various settings.

**NURS U705. Advanced Digital & Information Literacy for Nurses (3).** Advanced exploration of essential digital, media and information literacies and their conceptual underpinnings critical to nursing practice in increasingly technology health care environments. Learners engage in a variety of advanced technological uses and skills while synthesizing health care information and management. Prerequisite: Admission to the graduate program, or permission of instructor.

**NURS U706. Curriculum & Program Development (3).** Curriculum development, revision, and the role of the nurse educator in supporting cognitive, affective, and psychomotor learning. Topics include characteristics of a good curriculum, appropriate teaching/learning and educator resources.

**NURS U707. Instruction & Evaluation Strategies (3).** Examination of the outcomes from and use of instructional strategies. Topics are designed for graduate-level nursing students targeting areas of staff development, patient education, and academia. The students will explore goal-setting and ongoing improvement of instructional approaches that lead to positive results.

**NURS U710. Advanced Evidence-based Nursing Practice (3).** Preparation of Masters-prepared nurses with skills and knowledge needed to use nursing evidence to provide high quality nursing care, initiate change and promote evidence-based practice. Evidence-based practice models are used to evaluate and apply scientific knowledge surrounding practice issues. Prerequisite: NURS U700.

**NURS U711. Healthcare Delivery Systems (2).** Examination of health care policy organization and finance. Topics explore the role of the Masters-prepared nurse in providing high quality, cost-effective care and addresses issues related to the delivery of healthcare. Prerequisite or corequisite: NURS U700.

**NURS U712. Role of the Nurse as Leader (3).** Leadership in the health care delivery system across all settings. The definition and role of the transformational nurse leader will be explored as well as implementation across various settings. Fundamental aspects of nurse leadership will be expanded upon to prepare the graduate for this multifaceted responsibility. Prerequisite: Admission to the graduate program, NURS U700.

**NURS U713. CNL Practicum I (1).** Introduces the CNL role as clinician, outcomes manager, client advocate, educator, information manager, sys-

tems analyst, team member and lifelong learner. CNL portfolio is initiated. Minimum of 75 clinical practicum hours required. Prerequisite: NURS U700. Prerequisite or Co-requisite: NURS U712.

**NURS U714. Organizational Theory (3).** The challenges that nurse managers and healthcare organizations face including the relationships between healthcare systems and structures within organizational theory and their ability to efficiently plan and organize within an ever-changing and highly complex healthcare system. Prerequisites: NURS U700.

**NURS U715. Global Healthcare (2).** Immersion experience in an international or national setting. Exploration of the interplay of culture, public health, ethics, social justice, policy, and models of health care delivery in a global perspective. Course will require travel and related expenses. Language course preparation may be required. Prerequisite: Admission to the graduate program.

**NURS U716. Economics & Healthcare Outcomes (3).** Healthcare policy from an economic perspective including alternative healthcare systems and healthcare reform. Content examines the US healthcare structure comprehensively including the important role of finances and policies within the current healthcare system.

**NURS U717. Healthcare Policy & Financing (3).** Exploration of current issues influencing healthcare policies including finance with specific attention to the role of the nursing leader as an advocat. The current health policies at the local, state, and federal level and analysis of nursing contributions to healthcare policies are emphasized.

**NURS U720. Advanced Applied Pharmacology (3).** Comprehensive review of pharmacological concepts and principles. Focuses on use of pharmacotherapeutics in the treatment of disease and in health promotion. Prerequisite: Admission to the graduate program.

**NURS U721. Quality and Risk Management in Health Systems Leadership (2).** . Application of the principles of quality improvement and risk management within a healthcare organization. The methods, tools, performance measures, and standards to quality and patient safety to implement quality improvement risk management within a healthcare organization will be synthesized. Prerequisites: NURS U711, U712. Co-requisite: NURS U722.

**NURS U722. Data Analysis in the Healthcare System (2).** Examination of appropriate data analysis techniques to various research designs. An overview of health information systems that are utilized to develop patient data sets and safeguard privacy is provided. Prerequisite: NURS U710; Co-requisite: NURS U721.

**NURS U723. Evidence Based Practice Project I (1).** Provides an opportunity for students to address problems in health systems leadership education using evidence based approaches. Prerequisite: NURS U710; Prerequisite or co-requisite: NURS U722.

**NURS U724. CNL Practicum II (1).** Transition into the CNL role as clinician, outcomes manager, client advocate, educator, information manager, systems analyst, team member and lifelong learner. Functioning under the guidance of a faculty member and clinical preceptor, the student continues creating the CNL portfolio with additional emphasis on microsystem assessment.

A minimum of 75 clinical practicum hours required. Prerequisites: NURS U711, U713; Prerequisite or Co-requisite: NURS U720.

**NURS U725. Role of the Nursing Educator (3).** Exploration of the role of nurse educators in academic, community, and clinical settings. Teaching and learning strategies used by nurse educators in various settings including academia, community, and in-patient settings are emphasized. Prerequisite: NURS U704.

**NURS U726. Nursing Educator Practicum (4).** Preceptor-guided experience with advanced educational principles and theories. Application of the nurse educator core competencies from the National League of Nurses for a minimum of 250 hours is required. Prerequisites: NURS U704, NURS U705, NURS U706.

**NURS U730. Outcomes Evaluation in Healthcare Systems Leadership (3).** Accountability for healthcare outcomes for specific groups of patients within a unit or setting. Application of research is utilized to implement and evaluate plans of care. Relevant factors are synthesized to evaluate and achieve optimal patient outcomes. Prerequisites: NURS U711, U712, U721, U722.

**NURS U731. Evidence Based Practice Project II (2).** Culmination of evidence based practice project initiated in NURS U723. A required final portfolio verifies the development and competency of the student in the CNL role and records the student's achievements. Prerequisite: NURS U723, U724; Co-requisite: NURS U732.

**NURS U732. CNL Practicum III (4).** Immersion experiences in the role of the Clinical Nurse Leader. Involves 300 clinical practicum hours. Prerequisites: NURS U720, U721, U722, U723, U724. Prerequisite or co-requisite: NURS U731.

**NURS U733. Nursing Leadership Immersion I (3)** Instruction on performance and organizational dynamics of healthcare. Healthcare organizations throughout American history will be examined with a focus on the twenty-first century health care system.

**NURS U734. Nursing Leadership Immersion II (3)** Evaluation of performance and organizational dynamics of healthcare with a focus on healthcare organizations throughout American history emphasizing twenty-first century health care systems. Prerequisite: NURS U733.

**NURS U735. Nursing Leadership Practicum (3)** Transition into the role of nurse leader. A minimum of 250 hours is required to develop core competencies of the nursing leader, which are communication, knowledge, leadership, professionalism, and business skills. Prerequisite: NURS U733.

**NURS U739. Advanced Management of Health (1)** Health care trends, best practice guidelines, and resources related to the care of patients experiencing chronic and acute illness. Prerequisite: NURS U704; Corequisite: NURS U740.

**NURS U740. Advanced Management of Health Practicum (2)** Experience in various health care settings managing chronic and acute illnesses in a population of interest. Corequisite: NURS U739.

**NURS U799. Independent Study (1-3)** A learning experience collaboratively planned by the nursing faculty member and the student. Prerequisite: NURS U700 or consent of instructor.

## PROFESSIONAL DEVELOPMENT COURSES

### INSTRUCTION & TEACHER EDUCATION (EDIT)

**EDIT U610. Professional Development: Integrated Reading and Writing Instruction (3)** Theoretical bases and techniques for teaching reading and writing in the elementary school, using multiple subject areas.

**EDIT U611. Professional Development: Concepts and Practices of Whole Language (3)** Development of concepts, materials, and practices to implement a whole language philosophy. Prerequisite: An introductory course in reading or permission of the instructor.

**EDIT U612. Professional Development: Storytelling in the Classroom (3)** Theoretical and practical applications of applying stories and storytelling to 4K-12 school curriculum.

**EDIT U614. Professional Development: Storytelling and Creative Writing (3)** Integrate proven exercises and techniques into the process of story conceptualization, creation, and revision as a basis for teaching creative writing in the K-12 classroom.

**EDIT U631. Using Innovative Technology to Support Instruction I (3)** Study of open-source software, web tools, advanced office tools. Instructional application, copyright issues, and technology limitations are explored.

**EDIT U633. Using Innovative Technology to Support Instruction II (3)** Advanced, in-depth development of skills using current and emerging technologies.

**EDIT U634. Integrating Multi-Media Technology in the K-12 Classroom (3)** Utilization of technology in the classroom. Instructional design, long/short-range planning are explored.

**EDIT U651. Professional Development: Selected Topics in Teaching Science (3)** Primarily for elementary, secondary and middle school teachers. Teachers at other levels may be accepted.

**EDIT U655. Professional Development: Teaching Environmental Education (3)** Rationale and strategies for teaching environmental education.

**EDIT U660. Professional Development: Issues in Writing Instruction (K-12) (6)** Issues in the teaching of writing, with emphasis on classroom applications K-12 and program development.

**EDIT U670. Professional Development: Career Technologies (3)** Development of understanding School-to-Work issues and developing curriculum that connects schools with the workplace. Strategies for using technological resources as diagnostic tools in the career development process are included.

**EDIT U672. Professional Development: Educators in Industry (3)** Provides educators opportunities to understand the changing world of work and the current technology of the workplace. Course includes on-site opportunities in today's worksite.

**EDIT U680. Professional Development: Topics in Education (3)** Exploration of a current topic in education with emphasis on classroom application.

**EDIT U690. Professional Development: Issues and Trends in Education (1-6)** Exploration of a current topic in education with emphasis on classroom application.

### EDUCATION (EDPD)

**EDPD U632. Professional Development: Field Problems in Education I (3)** Selected educational problems will be identified and explored and probable solutions developed. Emphasis will be on providing practicing school personnel an opportunity to work cooperatively, under supervision, toward solutions to problems that are of immediate concern to them. Activities will include seminars, review of literature, observations, case studies, materials development and other applicable approaches. Emphasis will be placed on the development of a comprehensive proposal designed to alleviate or solve problems identified.

### SECOND LANGUAGE LEARNERS (ENSL)

**ENSL U708. Introduction to Linguistics (3)** An overview of language and linguistics and their relationship to teaching and learning. Attention will be given to phonetics, phonology, morphology, syntax, and semantics as they relate to linguistic theory; to issues of language use; to questions of language in the social context, particularly in the K-12 classroom; and to issues of language acquisition and language learning.

**ENSL U718. Techniques for Teaching English to K-12 Second Language Learners (3)** Principles and strategies for developing and implementing effective instruction for K-12 second language learners. Attention will be given to a variety of philosophies and models for teaching English to second language learners, variables affecting the learning of English by second language learners, and learning strategy research. Corequisite: ENSL U760 (1 hour credit).

**ENSL U728. Literacy Instruction for K-12 Second Language Learners (3)** Theories of first and second language acquisition and literacy acquisition. Attention is given to strategies and techniques for guiding second language learners through the reading and writing process and for assessing progress in literacy acquisition. Corequisite: ENSL U760 (1-2 hours credit).

**ENSL U748. Linguistic and Cultural Diversity in Education (3)** Impact of linguistic and cultural differences characterizing US classrooms today. Attention will be given to issues, challenges, and opportunities for teaching and learning resulting from diversity. Appropriate curricula, materials, assessment, and home-school collaboration strategies will be considered.

**ENSL U758. Assessment of Second Language Learners (3)** Educational assessment of academic achievement K-12 second language learners. Content focuses on authentic assessment within the classroom, and includes psychometric statistics and theory, review of commonly-used standardized tests, appropriate modification of tests to achieve non-bias, and the review of legislative, legal, and ethical standards. Corequisite: ENSL U760 (1 hour credit).

**ENSL U760. Practicum in Teaching English to K-12 Second Language Learners (1-3)** Clinical experience to prepare teachers to provide effective teaching/learning experiences for K-12 second language learners. The focus of the practicum will be the application of principles, guidelines, strategies and techniques appropriate for K-12 second language learners. Corequisites: ENSL U718 (1 hour); ENSL U728 (1-2 hours); ENSL U758 (1 hour, may be repeated up to three times).

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Accredited as a non-profit organization under section 501(c)(3) of the Internal Revenue Service code, the Foundation exists to seek and accept gifts of charitable, benevolent, cultural and educational purposes for the exclusive benefit of the University and those it serves. The USC Upstate Foundation Board of Directors, which is comprised of regional community leaders, governs, manages and guides the operations of the Foundation, as well as advocates for the University.



# FULL-TIME AND ASSOCIATE FACULTY

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B.A., University of New Mexico  
AA, Bucks County Community College

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