The announcements, information, policies, rules, regulations, and procedures set forth in this Catalog are for information only and are subject to continual review and change without notice.

Undergraduate students enrolled in the University are entitled to one copy of the current issue of the USF Undergraduate Catalog. Students wanting additional copies may purchase them at the University Bookstore. Prospective students may obtain general University information concerning admissions, fees and degree programs by requesting either the Undergraduate Viewbook from the Admissions Office, SVC 1036, University of South Florida 33620-6900; telephone: 813-974-3350.

The University of South Florida is committed to the principles of equal education, equal access, and equal employment opportunities without regard to race, color, marital status, sex, religion, national origin, disability, age, or Vietnam or disabled veteran status as provided by law and in accordance with the University’s respect for personal dignity. These principles are applied in the conduct of University programs and activities and the provision of facilities and services.
Visiting The University

Prospective students and other interested persons are invited to visit the University campuses. Most University offices receive visitors from 9:00 a.m.-5:00 p.m., Monday through Friday.

Prospective freshmen are encouraged to attend USF PREVIEW. This program, held on the Tampa Campus, is designed to acquaint participants with USF admission, financial aid, housing, annual costs, academics and student life. USF PREVIEW information is available from the Office of Admissions in Tampa.

The Tampa Campus of the University is located on Fowler Avenue (State Road 582) approximately two miles east of Interstate 275 and Nebraska Avenue (U.S. Route 41) and seven miles north of Interstate 4 off I-75.

The other campuses of the University are located in the places noted below.

Communicating With The University

Communications regarding the services and programs listed below should be directed by letter or by phone to the appropriate office on the Tampa, St. Petersburg, Lakeland, or Sarasota campuses.

Mailing addresses and general telephone numbers for the campuses are given on the previous page. The offices listed below (on the Tampa Campus unless otherwise indicated) may be dialed direct at the telephone numbers shown.

Academic Advising (for Undeclared and Undecided Students)
Academic Advising, SVC 2011 974-2645 http://www.sa.usf.edu/advising/

Academic Advising (for upperclassmen)
Arts & Sciences, BEH 201 http://www.cas.usf.edu/
Business Admin., BSN 1406 http://www.coba.usf.edu/
Education, EDU 106 974-2458 http://www.coedu.usf.edu/
Engineering, ENC 1302 http://www2.eng.usf.edu/main.asp
Nursing, MDN 1036 974-9305 http://nursing.usf.edu
Visual and Performing Arts, FAH 120 974-3600 http://www.arts.usf.edu/

Academic Services for Students with Disabilities
Coordinator, SVC 1133 (TDD) 974-9651 http://www.sa.usf.edu/disability/

Adult and Transfer Student Services
Office of the Director, SVC 1001 974-6444 http://www.rmit.usf.edu/transfer/

Applications and Admissions
Office of Admissions, SVC 1036 974-3350 http://admissions.usf.edu
askrocky@admin.usf.edu

Athletics (Intercollegiate)
Director of Athletics, PED 214 974-4309 http://goustubulls.com

Career Development
Counseling Center for Human Development, SVC 2124 974-2831 http://www.rmit.usf.edu/counsel/

Career Center
Cooperative Education Program, SVC 2088 974-2171 http://www.career.usf.edu

College Level Examination Program (CLEP tests)
Office of Evaluation and Testing Services, SVC 2054 974-2171 http://isis2.admin.usf.edu
http://ufweb.usf.edu/upgrade/earn/evaltest.htm

Community College and Transfer Students
Office of Transfer Student Services, SVC 1001 974-2403 http://www.rmit.usf.edu/transfer/

Continuing Education Courses and Conferences
Continuing Education, MGH 144 974-5731 http://www.rmit.usf.edu/conted/
Division of Conferences and Institutes, MHH 1116 974-3433
English Language Institute, CPR 443 http://www.outreach.usf.edu/conted/

Counseling
Counseling Center for Human Development, SVC 2124 974-2831 http://www.rmit.usf.edu/counsel/

Educational Outreach
Office of the Dean, SVC 5010 974-7984 http://www.outreach.usf.edu/

Financial Assistance (scholarships, loans, employment)
Office of Financial Aid, SVC 1102 974-2066 http://usfweb.usf.edu/finaid/

Graduate Studies
Office of the Dean, FAO 126 974-2751 http://www.grad.usf.edu/

Health Services (Student Health Service)
Health Center, SHS 100 974-2331 http://www.shs.usf.edu/

Housing
Housing: On-Campus
Residence Halls
Office of Residence Life, RAR 229 974-2751 http://www.reslife.usf.edu/
Office of Housing, RAR 229 974-4310

Housing: Off-Campus
Residence Services, RAR 233 974-7613

International Student and Scholar Services
Office of the Advisor, CTR 259 974-5102 http://cyber.acomp.usf.edu/aiss/

Library Resources
Tampa Campus: Office of the Director of Libraries, LIB 207 (813) 974-2721 http://www.lib.usf.edu/
St. Petersburg Campus: Office of the University Librarian (727) 553-1123 http://www.nlsonlib.usf.edu
Sarasota Campus: Office of the Librarian (941) 359-4300 http://lib.sar.usf.edu

Minority Student Advising
Center for Academic Advising, SVC 2011 974-2645 http://www.sa.usf.edu/advising/

Orientation
Office of the Director, SVC 1138 974-3060 http://www.rmit.usf.edu/orient/orient.htm

Parking and Traffic Services
Parking Services, PSB 101 974-9990 http://usfweb.usf.edu/parking_services/

Pre-Admission Advising for Prospective Freshman, International, Mature, Minority, and Transfer Students
Office of Admissions, SVC 1036 974-3350

Reading Study Skills
Counseling Center for Human Development, SVC 2124 974-9281 http://www.rmit.usf.edu/counsel/

Records, Registration
regquest@admin.usf.edu

Speakers Bureau
974-2741 http://www.officeofvicepresident.usf.edu/alc/

Student Affairs
Office of the Vice President, ADM 151 974-5533

Transfer USF

Tuition Waiver For Senior Citizens
Division of Lifelong Learning, MHH 116 974-2403 http://www.outreach.usf.edu/conted/sen.html

Veterans Affairs
Office of Veterans Services, SVC 2127 974-2291 http://usfweb.usf.edu/vetserve/
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Cover Design by Ray Cooper
**ACADEMIC CALENDAR**

**FOR UNDERGRADUATE STUDENTS**

**FALL SEMESTER, 2004**

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<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 1</td>
<td>Monday</td>
<td>Application Deadline Date for international applicants to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>May 1</td>
<td>Saturday</td>
<td>Application Deadline for First Time In College Students for Fall Semester (New Freshmen)</td>
</tr>
<tr>
<td>July 1</td>
<td>Thursday</td>
<td>Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)</td>
</tr>
<tr>
<td>August 23</td>
<td>Monday</td>
<td>Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>August 27</td>
<td>Friday</td>
<td>Last day to add courses - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>August 27</td>
<td>Friday</td>
<td>Last day to pay fees</td>
</tr>
<tr>
<td>September 3</td>
<td>Friday</td>
<td>CLAST Registration Deadline</td>
</tr>
<tr>
<td>September 6</td>
<td>Monday</td>
<td>Labor Day Holiday</td>
</tr>
<tr>
<td>September 16</td>
<td>Thursday</td>
<td>Rosh Hashanah Begins</td>
</tr>
<tr>
<td>September 17</td>
<td>Friday</td>
<td>Graduation Application Deadline</td>
</tr>
<tr>
<td>September 25</td>
<td>Saturday</td>
<td>Yom Kippur</td>
</tr>
<tr>
<td>October 2</td>
<td>Saturday</td>
<td>CLAST Administration Day</td>
</tr>
<tr>
<td>October 29</td>
<td>Friday</td>
<td>Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>November 11</td>
<td>Thursday</td>
<td>Veteran’s Day Holiday celebrated</td>
</tr>
<tr>
<td>November 25-26</td>
<td>Thursday-Friday</td>
<td>Thanksgiving Holidays</td>
</tr>
<tr>
<td>December 3</td>
<td>Friday</td>
<td>Classes End</td>
</tr>
<tr>
<td>December 4-10</td>
<td>Saturday-Friday</td>
<td>Final Examinations</td>
</tr>
<tr>
<td>December 11</td>
<td>Saturday</td>
<td>Commencement (Tampa)</td>
</tr>
<tr>
<td>December 12</td>
<td>Sunday</td>
<td>Commencement (St. Petersburg)</td>
</tr>
<tr>
<td>December 13</td>
<td>Monday</td>
<td>Commencement (Lakeland)</td>
</tr>
<tr>
<td>December 14</td>
<td>Tuesday</td>
<td>Commencement (Sarasota)</td>
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**SPRING SEMESTER, 2005**

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 1</td>
<td>Sunday</td>
<td>Application Deadline Date for international applicants to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>October 1</td>
<td>Friday</td>
<td>Application Deadline for First Time In College Students for Spring Semester (New Freshmen)</td>
</tr>
<tr>
<td>November 1</td>
<td>Monday</td>
<td>Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)</td>
</tr>
<tr>
<td>January 10</td>
<td>Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>January 14</td>
<td>Friday</td>
<td>Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>January 14</td>
<td>Friday</td>
<td>Last day to add courses - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>January 14</td>
<td>Friday</td>
<td>Last day for late registration - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>January 14</td>
<td>Friday</td>
<td>Last day to pay fees</td>
</tr>
<tr>
<td>January 17</td>
<td>Monday</td>
<td>Martin Luther King Holiday</td>
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<tr>
<td>January 21</td>
<td>Friday</td>
<td>CLAST Registration Deadline</td>
</tr>
<tr>
<td>February 4</td>
<td>Friday</td>
<td>Graduation Application Deadline</td>
</tr>
<tr>
<td>February 19</td>
<td>Saturday</td>
<td>CLAST Administration Day</td>
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<tr>
<td>March 14-19</td>
<td>Monday-Saturday</td>
<td>Spring Semester Break</td>
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<tr>
<td>March 25</td>
<td>Friday</td>
<td>Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.</td>
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<tr>
<td>April 15</td>
<td>Friday</td>
<td>Application deadline for First Time in College Students for Fall Semester 2005 (New Freshmen)</td>
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<tr>
<td>April 20</td>
<td>Friday</td>
<td>Classes End</td>
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<tr>
<td>April 30-May 6</td>
<td>Saturday - Friday</td>
<td>Final Examinations</td>
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<tr>
<td>May 7</td>
<td>Saturday</td>
<td>Commencement (Tampa)</td>
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<tr>
<td>May 8</td>
<td>Sunday</td>
<td>Commencement (St. Petersburg)</td>
</tr>
<tr>
<td>May 9</td>
<td>Monday</td>
<td>Commencement (Lakeland)</td>
</tr>
<tr>
<td>May 10</td>
<td>Tuesday</td>
<td>Commencement (Sarasota)</td>
</tr>
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### SESSION A
(First Six-week Session)

| January 2 | Sunday | Application Deadline Date for international applicants to apply for admission and submit all required credentials and supporting documents |
| April 1   | Friday | Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants) |
| April 1   | Friday | Application Deadline for First Time In College Students for Summer Semester (New Freshmen) |
| May 6     | Friday | CLAST Registration Deadline |
| May 16    | Monday | Classes begin |
| May 20    | Friday | Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m. |
| May 20    | Friday | Last day to add courses |
| May 20    | Friday | Last day for late registration |
| May 20    | Friday | Last day to pay fees |
| May 30    | Monday | Memorial Day Holiday |
| June 3    | Friday | Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m. |
| June 4    | Saturday | CLAST Administration Day |
| June 10   | Friday | Graduation Application Deadline |
| June 24   | Friday | Last day of classes |
| June 27-July 1 | Monday-Friday | Summer Break between Session A and Session B |
| August 13 | Saturday | Summer Commencement (Tampa) - Tentative Date |

### SESSION B
(Second Six-week Session)

| January 2 | Sunday | Application Deadline Date for international applicants to apply for admission and submit all required credentials and supporting documents |
| April 1   | Friday | Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants) |
| April 2   | Saturday | Application Deadline for First Time In College Students for Summer Semester (New Freshmen) |
| June 10   | Friday | Graduation Application Deadline |
| July 1    | Friday | Application Deadline for First Time In College Students for Fall Semester 2005 (New Freshmen) |
| July 4    | Monday | Independence Day Holiday |
| July 5    | Tuesday | Classes begin |
| July 11   | Monday | Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m. |
| July 11   | Monday | Last day to add courses |
| July 11   | Monday | Last day for late registration |
| July 11   | Monday | Last day to pay fees |
| August 5  | Friday | Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m. |
| August 12 | Friday | Last day of classes |
| August 13 | Saturday | Summer Commencement (Tampa) - Tentative Date |

### SESSION C
(Ten-week Session)

| January 2 | Sunday | Application Deadline Date for international applicants to apply for admission and submit all required credentials and supporting documents |
| April 1   | Friday | Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants) |
| April 2   | Saturday | Application Deadline for First Time In College Students for Summer Semester (New Freshmen) |
| May 6     | Friday | CLAST Registration Deadline |
| May 16    | Monday | Classes begin |
| May 20    | Friday | Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m. |
| May 20    | Friday | Last day to add courses |
| May 20    | Friday | Last day for late registration |
| May 20    | Friday | Last day to pay fees |
| May 30    | Monday | Memorial Day Holiday |
| June 4    | Saturday | CLAST Administration Day |
| June 10   | Friday | Graduation Application Deadline |
| July 1    | Friday | Independence Day Holiday |
| July 22   | Friday | Last day of classes |
| August 13 | Saturday | Summer Commencement (Tampa) - Tentative Date |
The University of South Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; telephone 404-679-4500) to award degrees at the baccalaureate, master's, specialist, and doctoral levels, including the Doctor of Medicine.

The University of South Florida and all colleges, departments and programs therein establish certain academic requirements that must be met before a degree is granted. These requirements concern such things as curricula and courses, majors and minors, and academic residence. Advisors, directors, department chairs, and deans are available to help the student understand and arrange to meet these requirements, but the student is responsible for fulfilling them. At the end of a student's course of study, if requirements for graduation have not been satisfied, the degree will not be granted. For this reason, it is important for all students to acquaint themselves with all regulations and to remain currently informed throughout their college careers and to be responsible for completing requirements. Courses, programs, and requirements described in the catalog may be suspended, deleted, restricted, supplemented, or changed in any other manner at any time at the sole discretion of the University and the USF Board of Trustees.

**DEGREES* OFFERED AT THE UNIVERSITY**

**Undergraduate Degrees**
- Bachelor of Arts B.A.
- Bachelor of Fine Arts B.F.A.
- Bachelor of Independent Studies B.I.S.
- Bachelor of Music B.M.
- Bachelor of Science B.S.
- Bachelor of Science in Applied Science B.S.A.S.
- Bachelor of Science in Chemical Engineering B.S.C.H.
- Bachelor of Science in Civil Engineering B.S.C.E.
- Bachelor of Science in Computer Engineering B.S.C.P.
- Bachelor of Science in Computer Science B.S.C.S.
- Bachelor of Science in Electrical Engineering B.S.E.E.
- Bachelor of Science in Engineering Science B.S.E.S.
- Bachelor of Science in Industrial Engineering B.S.I.E.
- Bachelor of Science in Information Systems B.S.I.S.
- Bachelor of Science in Information Technology B.S.I.T.
- Bachelor of Science in Mechanical Engineering B.S.M.E.
- Bachelor of Social Work B.S.W.

**Graduate Degrees**
- Master of Accountancy M.Acc.
- Master of Architecture M.Arch.
- Master of Arts M.A.
- Master of Arts in Bioethics and Humanities M.A.B.M.H.
- Master of Business Administration M.B.A.
- Master of Chemical Engineering M.C.H.E.
- Master of Civil Engineering M.C.E.
- Master of Computer Engineering M.C.P.
- Master of Computer Science M.C.S.
- Master of Education M.Ed.
- Master of Electrical Engineering M.E.E.
- Master of Engineering M.E.
- Master of Environmental Engineering M.E.V.E.
- Master of Fine Arts M.F.A.

**Advanced Graduate Degrees**
- Doctor of Audiology Au.D.
- Doctor of Education Ed.D.
- Doctor of Philosophy Ph.D.

**Professional Degree**
- Doctor of Medicine M.D.

*See index for individual degree programs*
USF - A COMPREHENSIVE RESEARCH UNIVERSITY

UNIVERSITY OF SOUTH FLORIDA

Mission, Goals, Values and Vision

Mission -

The University of South Florida is a multi-campus national research university that supports the development of the metropolitan Tampa Bay Region, Florida, the United States and the world. Building upon unique strengths inherent in Florida’s population, location, and natural resources, the university is dedicated to excellence in:

- Teaching and lifelong learning in a student-centered environment
- Research to advance knowledge and promote social, cultural, economic, educational, health, and technological development
- Service based on academic excellence and the ethic of community responsibility
- Community engagement to build university-community partnerships and collaborations

Goals -

The University of South Florida will continue to expand its influence as a premier research university through:

- Strengthened research, creative, and scholarly endeavors
- Improved undergraduate and graduate academic programs that promote intellectual development and student success through a diverse, student-centered environment
- Engaged service that strengthens cultural and community life, and promotes lifelong learning and economic opportunity
- Increased fiscal self-sufficiency and appropriate state support

Values -

The University of South Florida values:

- Teaching, research and service based on the highest standards of discovery, creativity, and intellectual attainment
- Development of the personal and professional potential of students, faculty, and staff, and enriching the quality of campus life
- An ethic of collegiality based on integrity, civility, academic freedom, professional responsibility, and collaboration among disciplines and units
- Access to an excellent education
- University/community engagement that increases the understanding of urban issues and advances community development
- Cultural and ethnic diversity and global understanding

Vision -

The University of South Florida envisions itself as a premier national research university that serves the metropolitan Tampa Bay Region, Florida, and the nation through:

- Excellent undergraduate and graduate instruction in a student-centered environment
- Creative, innovative, engaged scholarly endeavors, and the furthering of advanced knowledge
- Education that promotes freedom, unity, democracy, and understanding in the presence of our Nation’s historical diversity
- Generation and dissemination of knowledge to strengthen our society and the environment
- Greater fiscal self-reliance.
ABOUT USF

One of the 20 largest universities in the United States and still growing, the University of South Florida has built a solid reputation as a leader in learning, offering comprehensive state-of-the-art, student-centered programs. With growing prestige and a dedicated faculty, including more than 75 faculty Fulbright Scholars and 46 endowed chairs, USF has become a research powerhouse.

Located in the vibrant Tampa Bay area, one of the fastest-growing metropolitan areas of the nation, USF has formed vital partnerships with business leaders and organizations throughout the region, and contributes to the well-being of its immediate urban neighborhoods through vast networks of social research and service projects.

As one of the top 100 public research universities in the country USF’s contracts and grants are more than $254.8 million annually. USF’s fast growing reputation as a superior academic institution was formally acknowledged in 2000 when the Carnegie Foundation ranked USF in its top tier of national research universities.

Faculty and student scholarship and research are supported by an outstanding library that contains more than 1.7 million volumes and that is the electronic “Virtual Library” for the State University System of Florida. The latter provides links to tens of thousands of computer databases around the world.

Founded in 1956, USF opened its doors in 1960 to 2,000 students. Today the University serves approximately 42,000 students — with about 200 programs at the undergraduate, master’s, and doctoral levels, including the M.D. Entering freshmen boast an average SAT score of approximately 1,100 and a grade point average of over 3.63.

USF’s commitment to inclusion is reflected in its student body. African American, American Indian, Latin and Asian students comprise nearly 30 percent of USF students. A growing contingent of international students, now representing well over 120 countries, demonstrates the University’s strong geographic influence and dedication to the principles of a global economy.

Collectively, our students are among the best and brightest at Florida universities, with greater-than-ever numbers of National Merit, National Achievement and National Hispanic Scholars. They are taught by some 2,500 highly-regarded faculty who are products of the world’s most prestigious colleges, universities and research institutes.

More than 175,000 USF alumni contribute to society in numerous professional and civic activities. Those who live in the Tampa Bay area alone would nearly fill Tampa’s professional football stadium (Raymond James Stadium, which is also home field for the Bulls’ NCAA Division I football team and the 2001 Super Bowl).

USF is big in size as well as stature. Its annual operating budget is about $1 billion.

In the past 40-plus years, USF has grown into a network of regional campuses in Tampa, St. Petersburg, Sarasota and Lakeland, serving the West Central Florida region. The campuses cover 1,921 acres, housing more than 359 buildings, which exceed 6 million gross square feet in size.

EQUAL OPPORTUNITY POLICY

It is the goal of the University to create and maintain a work and study environment free of discrimination and harassment. Discrimination on the basis of race, color, sex, marital status, religion, national origin, Vietnam or disabled veteran status, disability, or age is prohibited by University policies, federal and state laws. Any person who believes that he or she has been subjected to discrimination may file a complaint with the Office of Diversity and Equal Opportunity Affairs, ADM 274. The telephone number is 974-4373. It shall be prohibited for any employee of USF to discriminate or take retaliatory action against any individual who, in good faith, has opposed an alleged unlawful practice or has made a charge, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing under the provisions of applicable law.

Guide to Resources for Students with Disabilities

All University programs, events, and services are open and available to persons with disabilities. The University of South Florida is committed to the principles of Equal Educational and Employment Opportunities without regard to disability.

Academic Assistance for Students with Disabilities: Student Disability Services exists to ensure that students with disabilities have the academic support necessary to achieve academic success at the University of South Florida. Course related assistance and academic accommodations are provided to eligible students with documented disabilities. Services may include advocacy, reader services, interpreters, alternate exam administration, note takers, and adaptive equipment such as FM systems and large print computer access. Students are encouraged to contact our office as early as possible prior to enrollment to make arrangements for appropriate services. Documentation of a disability and significant current functional impairment resulting from that disability is necessary in order for accommodations to be provided.

Admissions: Students with disabilities apply under the same guidelines as other students. If students believe that their disability has had an impact on grades, course choice or standardized test scores for admission, they may request consideration of this in the admissions process.

Course Substitution: Students with disabilities requesting substitution of course work for General Education,
foreign language requirements, or CLAST should contact the Office of Student Disability Services. Students with declared majors requesting substitution of departmental graduation requirements will need to contact the chair of their department. In either case, students will be requested to submit documentation to Student Disability Services to support their request for an exception.

Disabled Parking: Students with state parking privileges need only supply their state card as documentation for eligibility for a USF disabled parking hangtag/sticker. Students without state privileges need medical documentation to be considered for on-campus disabled parking.

Housing: Accessible on-campus residence hall housing is available for students with special needs. Specific information is available through the Residence Hall Director’s Office.

Students with disabilities are encouraged to participate fully in all University events, programs, and other campus activities. Information on whom to contact to request accommodation or assistance should be listed on program information and advertisements. If you are unable to secure the requested assistance or need additional help with accessibility contact the Equal Opportunity Office.

The following offices arrange academic accommodations and assistance for students with disabilities:

**CAMPUS CONTACTS FOR STUDENT DISABILITY SERVICES**

Tampa Campus
Student Disability Services
SVC 1133
(voice) 813-974-4309
(TDD) 813-974-5651

Sarasota Campus
Coordinator for Advising for Special Needs Students
PMD 223
813-359-4330

Lakeland Campus
Office of the Director for Academic Services
Building C, USF Offices
941-677-7000

St. Petersburg Campus
Office of the Director, Student Affairs
DAV 118
813-893-9162

**FACILITIES AND ATMOSPHERE**

The facilities of the USF Tampa campus, now including more than 200 major buildings, are currently valued at more than $300 million. The buildings are of similar modern architectural design and all are completely air-conditioned. The Tampa campus has a variety of recreational facilities, including: a gymnasium that features a weight room and natatorium; a 400-meter track; two outdoor swimming pools; 22 tennis courts; six handball/ racquetball courts; an 18-hole golf course; two parcourses, one for running and one for walking; one baseball and four softball fields; four outdoor basketball and volleyball courts; and a new multi-million dollar recreation center.

In St. Petersburg, students can enjoy an outdoor pool or take part in the waterfront program that features sailboats and canoes available for use. In Sarasota, there is a 400-meter track and a new library.

The campus atmosphere is informal. Students and faculty dress casually and enjoy an unusually close relationship. Some classes are even held outside to take advantage of the area’s extraordinary climate (average annual temperature is 72°F). Most buildings have open hallways, which blend colorful interiors with spacious exteriors, symbolically and architecturally suggesting the casual accessibility that has become a USF trademark.

**UNIVERSITY POLICE**

The University of South Florida Police Department provides a full range of public safety services to the community 24 hours a day, 7 days a week on the Tampa Campus. All University Police officers are certified by the State of Florida after completing minimum standards training at the local Regional Police Training Academy. The University of South Florida Police Department is accredited through the Commission for Florida Law Enforcement accreditation, Inc. Accreditation is the certification by an independent reviewing authority that an entity has met specific requirements and prescribed standards, and has long been recognized as a means of maintaining the highest standards of professionalism.

General services provided by the University Police include car patrol, foot patrol, bicycle patrol, criminal investigation of all misdemeanors and felonies, traffic law enforcement, traffic crash investigation, special events management, and crime prevention programs.

The University Police Department has an excellent working relationship with all local law enforcement agencies. The University Police maintain 24-hour contact with local, national, and international law enforcement agencies via computer networks such as the Florida Crime Information Center and the National Crime Information Center. The Florida Department of Law Enforcement and other local, state, and federal agencies are available to assist the University Police upon request.

**UNIVERSITY POLICE DEPARTMENT CAMPUS LOCATIONS:**

- On the Tampa Campus the University Police Department is located at the corner of Fletcher Avenue and Maple Drive. The emergency number is “9-1-1” and the non-emergency number is (813) 974-2628.

- The Lakeland Campus of the University of South Florida is located at Polk Community College. Basic public safety services are provided by the security department of the community college. Law enforcement services, including the investigation of criminal acts, are provided on a routine basis by the Polk County Sheriff’s Office in Lakeland. The University Police Department provides law enforcement or crime prevention services at this location on an as needed basis.
VICTIMS’ ADVOCACY PROGRAM

The Victims’ Advocacy Program is available to assist all USF students, staff, faculty and visitors who are victims of actual or threatened abuse/violence or who have experienced trauma. Offenses may include but are not limited to battery, assault, stalking, relationship/domestic violence, childhood victimization, sexual battery (date/acquaintance/stranger rape), hate crimes and prior abuse. Victims at USF may be eligible for reimbursement from the State for related expenses.

Advocates are available 24 hours a day to provide crisis intervention, options, assistance and referrals. Police reports are not necessary to receive services from an advocate, and services are free, sensitive and private. Office hours are 8:00 - 5:00 Monday through Friday.

IMPORTANT NUMBERS

Services are available 24 hours a day, seven days a week.

USF POLICE EMERGENCY 911 OR 974-2628
USF VICTIM ADVOCATE
24-Hr. Crisis Line 974-5757
Regular Office Number 974-5756
HILLSBOROUGH COUNTY CRISIS LINE 234-1234
Admission to the University of South Florida requires evidence of ability to handle academic work, capacity to think creatively, and strong motivation. The minimum admission requirements are designed to help identify applicants whose academic background indicates potential for success at USF; however, satisfaction of minimum admission requirements does not guarantee acceptance. The admission of new students at all levels is on a selective basis within curricular, space, and fiscal limitations. The selection process may include such factors as grades, test scores, pattern of courses completed, class rank, educational objectives, past conduct, school recommendations, personal recommendations, and portfolios. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success.

The University encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. In the admission process there is no discrimination on the basis of these factors or on the basis of disability. Applicants who do not meet minimum admission requirements will be considered for admission when there is sufficient evidence to suggest ability to do satisfactory work at USF. These policies are further described under “Applying for Admission” and “Requirements for Admission.”

The University supports equal educational opportunity for disadvantaged students. Requests for waiver of the $30.00 application fee are considered by the Director of Admissions if payment of this fee creates severe financial hardship and serves as a deterrent to application.

Students are admitted to USF in accordance with the mission and goals of the University and within enrollment limitations established by the Department of Education and the Florida Legislature.

Applying for Admission

Obtaining an Application

As part of the State University System (SUS) of Florida, USF uses the common SUS Application Form for undergraduates. Applicants who are attending Florida high schools or Florida community/junior colleges may obtain the SUS Application Form in school guidance offices or download it from the Office of Undergraduate Admissions web page. All of the application forms are also available via the USF website and on USF campuses in St. Petersburg, Sarasota, and Lakeland. (When requesting an application, please indicate applicant category - freshman or undergraduate transfer.) Applications can be requested by phone, toll-free at 877-USF-BULL. The online undergraduate admissions application may be found at http://usfweb.usf.edu/enroll/admissions/applyinstructions.html. The University prefers all applicants to apply online.

When to Apply

Applications for admission are accepted as early as 12 months before the requested entry term. Applications for admission and the non-refundable application fee should be submitted by the deadline date (see academic calendar) for the requested entry term or by the application deadline for the requested degree program (see specific programs in this catalog), whichever is earlier.

Who Should Apply

An application for admission must be submitted by all students who have not already been admitted and enrolled in a USF degree program within the last three terms. Former or continuing USF degree-seeking students must file another application for admission when applying for a second degree program, another level of study or readmission (see Readmission). Anyone who has previously been admitted and enrolled as a degree-seeking student and has paid an application fee is required to pay the $30 application fee.

The Director of Undergraduate Admissions may waive payment of the application fee for disadvantaged applicants if the fee serves as a deterrent to application.

Changing Requested Term of Entry

Applicants may update their application for admission for up to one year from the originally requested term of admission. All requests for changes of entry term must specify any academic work attempted that was not reflected on the original application and must be received by the appropriate published application deadline for the new term of entry or degree program specified, whichever is earlier. Additionally, any issues related to criminal or academic misconduct that were not reflected on the initial application must be reported in writing to the Office of Undergraduate Admissions. A new application and fee must be submitted when applicants wish to be considered for admission for a term that begins more than 12 months after the originally requested entry term.

An applicant who requests a new entry term must meet the admissions requirements in effect for the new term requested. Entry for some programs is limited to specified terms.

General Admission Policies

Transcripts and other admission documents

All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant's responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF Office of Undergraduate Admissions in Tampa. (See “Minimum Requirements for Admission” below for information concerning required documentation.)

All credentials and documents submitted become the property of USF. The originals or copies of the originals will not be returned to the applicant or forwarded to another institution, agency, or person.

Provisional Admission

An applicant admitted on a provisional basis must submit the requested missing credentials, such as official final transcripts or test scores, which substantiate eligibility for admission before a second registration will be permitted.

Applicants who do not meet standard Department of Education minimum admission requirements may be admitted to the University on academic probation. Students admitted on probation must accumulate 30 semester credits and maintain a minimum cumulative grade point average of 2.0 (GPA) each term enrolled with no single term GPA below a 1.0 before the probationary status is removed. (A term GPA below 2.0 in the first term of enrollment results in permanent academic dismissal.) Advising is mandatory prior to registration. Failure to meet these conditions results in permanent academic dismissal from the University.

Non-degree Seeking Status

Performance in courses taken as a non-degree-seeking student will not qualify an applicant for admission as a degree-seeking student. Similarly, courses taken as a non-degree-seeking student will not be utilized in determining an applicant’s grade point average for purposes of admission.

A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.
Freshman and undergraduate transfer applicants denied admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking (special) students.

**Admission Denials**

Receipt of final official credentials that fail to substantiate eligibility will result in rescission of admission, reclassification to non-degree status, and denial of continued enrollment in subsequent terms.

An undergraduate applicant who is denied admission may be eligible to appeal and will be advised of applicable appeal procedures by the Office of Undergraduate Admissions.

An application for admission or a residency affidavit submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission, further registration and/or degrees awarded.

The University may refuse admission to a student whose record shows previous misconduct not in the best interest of citizens of the University community.

**Required Summer Term Attendance**

All students entering the University with fewer than 60 semester hours of college level academic work are required to earn at least 9 semester hours during one or more Summer terms prior to graduation. This requirement may be waived for students who earn a minimum of 9 credits through accelerated mechanisms (Advanced Placement, CLEP, International Baccalaureate).

**CLAST Test Requirement**

All undergraduate students admitted to USF must earn passing scores on all four sections of the College Level Academic Skills Test (CLAST) prior to receiving an A.A. certificate or baccalaureate degree from the University. Transfer students entering USF with fewer than 45 transferable semester hours must take CLAST during the term in which 45 semester hours will be completed. Transfer students entering USF with 45 or more transferable semester hours must take CLAST the first term it is offered after initial enrollment.

**Required Orientation**

Prior to beginning classes, all new undergraduate students and some former students returning are required to participate in Orientation on the USF campus where they will take all or the majority of courses in their first semester at USF. These programs are designed to help new students become acquainted with the University, meet with an academic advisor, choose courses, and register for classes. New students receive Orientation information after admission.

**Required Proof of Immunity**

Prior to registering for classes that meet on campus, all students born after 1956 are required to present documentation of proof of immunity to MEASLES (Rubeola) and RUBELLA (German Measles). (See Immunization Policy.)

**Limited Access Programs**

Undergraduates seeking entrance to limited access degree programs must meet special program requirements in addition to requirements for admission to the University. USF, with approval of the Board of Education and the Articulation Coordinating Committee, has established the following undergraduate programs as limited access: Liberal Studies, Mass Communications, Social Work, and the B.A. / M.A. Program in Mathematics in the College of Arts and Sciences; all degree programs in the College of Business Administration; all degree programs in the College of Education; all degree programs in the College of Engineering; all degree programs in the College of Arts and Sciences; and the B.A./M.A. Program in Mathematics in the College of Arts and Sciences; and all degree programs in the College of Education.

The admittance requirements for these degree programs may be found with other program information in appropriate sections of this catalog.

**Minimum Requirements for Admission**

**Freshman Applicants**

To be considered for admission, freshman applicants must submit an SUS or USF Application for Admission, a non-refundable application fee, an official high school transcript, official GED scores if applicable, SAT or ACT scores, and a TOEFL score if applicable.

Although USF has minimum freshman admission requirements, meeting these minimum standards does not guarantee admission. Applicants select for admission who do not fully meet minimum requirements but who have important attributes, special talents or unique circumstances that may contribute to a representative and diverse student body. These freshman applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of ability to do successful academic work at USF.

For purposes of admission, USF recalculates a high school grade point average (GPA) based on grades earned in all college preparatory academic courses. In recalculating a GPA, USF assigns additional weights to grades earned in honors, Advanced Placement courses, International Baccalaureate courses, and Advanced International Certificate of Education courses.

The University normally requires a diploma from a Florida public or a regionally accredited high school or the state-approved General Education Development (GED) diploma. Students admitted under the Early Admission Program are exempted from this requirement. Students who are participating in an approved home-schooling program are expected to provide acceptable copies of annual evaluations for the equivalent of grades 9 through 12. A portfolio or additional documentation may be required if deemed necessary to complete an appropriate evaluation for admission. Other minimum requirements are outlined below.

1. Freshman applicants must submit an official test score from the Scholastic Assessment Test (SAT) or the American College Test (ACT).
2. For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine through twelve are required: four units of English (three of the four must incorporate substantial writing requirements); three units of mathematics (algebra I and above); three units of natural sciences (two of the three must incorporate substantial laboratory requirements); three units of social sciences (history, civics, political science, economics, sociology, psychology and geography); two units of the same foreign language; and four additional units of academic electives. Substitution for any high school unit requirement may be provided for applicants who have a specific learning disability. Documentation of the disability and its relationship to the substitution of a unit requirement should be submitted with the application for admission.
3. Freshman applicants who have at least a 3.6 (B+) average as recalculated by USF using all attempted academic courses are considered competitive. The University sets admission
Early Admission Applicants (Freshmen)

USF provides an early admission program to meet the needs of highly capable, mature high school students. Under the early admission program these students may enter the university as regularly enrolled, degree-seeking students prior to graduation from high school. Participation in the early admission program shall be limited to students who have completed a minimum of six semesters of full-time secondary enrollment, including studies undertaken in the ninth grade. In addition, early admission applicants should be enrolled in a strong college-preparatory curriculum while in high school. Applications for early admission will be reviewed by the Director of Undergraduate Admissions in conjunction with the Dean of the Honors College. Students enrolled in an early admission program must take courses that are transferable toward the high school diploma and the associate or baccalaureate degree.

Students wishing to be accepted as Early Admissions students at USF must:

1. Have completed the equivalent of the junior year of high school, thus requiring only one additional year to complete requirements for the high school diploma;
2. Submit a completed SUS or USF application for admission and non-refundable application fee;
3. Have proof of a 1200 on the SAT I with no less than 440 on SAT I V (Verbal) and 440 on SAT I Q (Quantitative); or a 27 on the ACT with no less than or a score of 17 on ACT English and ACT Reading and a score of 19 on ACT Mathematics, and a 3.5 high school grade point average (computed by USF) and a TOEFL score, if applicable;
4. Meet regular USF admission criteria for degree-seeking undergraduate students;
5. Submit a personal letter outlining reasons for seeking early admission;
6. Submit a signed statement of approval from high school principal or guidance counselor;
7. Submit completed Supplemental Information for Early Admission Form;
8. Submit a list of credits needed to graduate from high school;
9. Meet with Honors College Director or Academic Advisor. Home schooled students must submit an official copy of their Letter of Intent with the student’s home school district.

Private school students must submit proof that their school is a regionally accredited school.

Undergraduate Transfer Applicants

Applicants with fewer than 60 transferable semester credits are considered lower-level transfers; upper-level transfers are those with 60 or more transferable semester credits (see below). Regardless of category, grade point averages (GPA) for purposes of admission will be computed based only on grades earned in courses that are acceptable for transfer credit and as calculated by USF.

USF accepts transfer credits only from institutions that are accredited by one of the regional accrediting agencies/committees recognized by USF at the time the credits are earned (See Evaluation of Transfer Credit). Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions may be considered for transfer credit. All credits earned during the period of time a regionally accredited institution was in a “candidates” status for accreditation are considered for transfer credit. Credits earned at an institution that is currently in “candidates” status will not be considered for transfer credit until such time as the awarding institution receives full regional accreditation. For an applicant applying from a non-regionally accredited school, the admissions decision will be based on prior work at a regionally accredited institution. If all post-secondary work is from a non-regionally accredited school, the evaluation will be based on the high school record and test scores and the applicant will be regarded as a freshman for purposes of admission.

USF reserves the right to evaluate specific courses and deny transfer credit. USF does not award transfer credit that is determined to be occupational or vocational in nature.

Lower-Level Transfer Applicants

To be considered for admission, transfer applicants with fewer than 60 transferable semester credits must submit an SUS or USF Application for Admission, a non-refundable application fee, an official transcript from each previous college attended, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a TOEFL score if applicable.

Lower-level transfer applicants must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission: SAT or ACT tests taken after enrollment in college-level coursework cannot be submitted to satisfy the test score requirement.

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;
2. Have an overall “C” average (2.0 on a 4.0 scale) as calculated by USF in all college-level courses acceptable for transfer credit to USF. (In the calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions.);
3. Satisfy fully all freshman admissions standards as described in the previous section entitled “Freshman Applicants.” (Meeting freshman admission standards is a critical requirement for undergraduate applicants with fewer than 60 transferable credits. Department of Education rules and policies do not provide for local exceptions to these requirements.);
4. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at the post-secondary level (as required by Florida Statute 240.253);
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL) if the applicant’s native language is not English. The TOEFL requirement may be waived on an
Upper-Level Transfer Applicants

(With 60 or more transferable semester credits)

To be considered for admission, transfer applicants with 60 or more transferable semester credits must submit an SUS or USF application for admission, a non-refundable application fee, an official transcript from each previous college attended, and a TOEFL score if applicable. Final transcripts with the A.A. degree awarded, or a minimum of 60 semester hours of transferable credit earned prior to initial enrollment at USF, must be submitted to determine final admissions eligibility.

Any transfer student with 90 or more semester hours who designates a desire for admission to a limited access undergraduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

Applicants with Associate of Arts (A.A.) degrees from Florida public institutions will be admitted as juniors into the University within curricular, space and fiscal limitations. A.A. degree holders seeking admission to quota/limited access degree programs must also meet all requirements specified by the desired program. The admission of Florida community/junior college A.A. transfer students is governed by the Articulation Agreement between state universities and public community colleges in Florida.

Undergraduate transfer students who have not earned the A.A. degree from a Florida public institution or who have attended another college after receipt of the A.A. must meet the minimum requirements listed below to be admitted in good standing:

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;

2. Have an overall “C” average as calculated by USF (2.0 on a 4.0 scale) in all college-level courses acceptable for transfer credit to USF. (In calculation of the GPA, incomplete grades are computed as failures and course “repeats” are not forgiven when the courses are repeated at different institutions.);

3. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at a previous college or university (as required by Florida Statute 240.233). Students who entered a Florida public community/junior college prior to August 1, 1989 and maintain continuous enrollment until the time of their USF entry as degree-seeking students may be admitted without the required foreign language study;

4. Meet the minimum grade point average required by the program if entering a limited access program and transferring 90 or more semester hours;

5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing. USF also considers applicants who do not fully meet the minimum requirements as stated in #1. and #2. above but who have important attributes, special talents or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that indicates a potential for academic success at USF.

Students Entering the Florida Community College System and Planning to Finish Their Degrees at USF

High school graduates planning to start their college education at a Florida community college should confer with the community college counselor and ask that their academic program be planned with the assistance of the USF Undergraduate Catalog (USF’s Community College Counseling Manual has been incorporated into this catalog) that is available in all counseling offices. This catalog, prepared by the USF Office of Undergraduate Studies, explicitly describes the undergraduate program requirements and Florida’s common prerequisites that should be followed to ensure maximum ease of transfer into the students' upper-level programs on a par with their native USF counterparts.

Students Entering the Florida Community College System and Planning to Finish Their Degrees in the State University System

An articulation agreement, in effect since April 13, 1971 and later adopted by the Florida Legislature in statute form as Florida law, governs an effective and orderly transfer of Florida community college students into the State University System (SUS).

The agreement defines and establishes the Associate of Arts degree from a Florida public community/junior college as the basis for all articulation rights. Among these guarantees, the following are central to the transfer process:

1. A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.

2. A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.

3. Upon transferring to a state university, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.

4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, advanced placement and credit by exam, will be transferable to the state university.

5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.

6. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student’s entire program, provided the student maintains continuous enrollment as defined in that catalog.

7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Office of Adult and Transfer Student Services.
Evaluation of Transfer Credit

1. The receipt and evaluation of transfer credit is the responsibility of the Office of Undergraduate Admissions. The Office of Undergraduate Admissions will evaluate the acceptability of total credits transferable to the University. The college of the student’s major will assign equivalent courses in determining which courses are applicable toward a specific degree at the University. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar courses as part of their programs of study. Transfer students should be prepared with personal copies of their transcripts of all past course work to discuss advisement and placement with the appropriate academic advisor and should contact the college of their major soon after registration so that an official evaluation may be completed.

2. USF will accept credits only from those institutions accredited by one of the regional accrediting agencies/commis- sions* at the time the credits are earned. (See * below for agencies recognized by USF.) Credits earned at an institution that is currently in “candidacy” status will not be considered for transfer credit until such time as the awarding institution receives full accreditation. Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions may be considered for transfer credit.

3. USF reserves the right to deny credit for specific courses. USF does not award transfer credit from institutions that it determines to be occupational or vocational in nature.

4. Associate of Arts (A.A.) degree holders from Florida public accredited institutions will be considered as having met USF general distribution requirements and are automatically awarded 60 semester hours of credit. A course-by-course transfer credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.

5. Effective Fall Quarter 1976, all courses from a Florida Community College/University bearing the same State Common Course prefix and last three numbers as a USF course will be considered as having met USF general distribution requirements and are automatically awarded 60 semester hours of credit. A course-by-course credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.

6. Virtually all USF baccalaureate degrees require that at least 60 semester hours be earned from a baccalaureate-granting institution. Credit earned at a community/junior college unless the student has received prior approval for waiver of this policy from the college of his/her intended major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specific articulate A.S. degree programs, consult the Office of Undergraduate Studies, B.S.A.S. Program.

7. Credit will not be awarded for GED tests.

8. Military service school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented. Such recommendation, however, is not binding upon the University.

9. For ROTC and military science courses taken after Fall Quarter 1975, the maximum credit will vary with each college. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science taken prior to Fall 1975 are not acceptable for transfer credit.

10. A maximum of 45 semester hours of College Level Examination Program (subject and general examinations) credits can be accepted for transfer credit.

11. A maximum of 30 semester hours of extension, correspondence, and military service education credits can be applied toward a degree.

12. Grades earned in transferred courses are not computed in the student’s USF GPA except for the purposes of admission to limited access programs, the awarding of honors at graduation, and class ranking of baccalaureate students.

13. International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student.

14. A continuously-enrolled USF degree-seeking student must obtain prior written approval from the college of the student’s major in order for courses taken at other regionally-accredited institutions to be applied to the USF degree program.

* Accrediting Agencies/Commissions: New England Association of Schools and Colleges, Commission on Institutions of Higher Learning; Middle States Association of Colleges and Secondary Schools, Commission on Higher Education; North Central Association of Colleges and Schools; Northwest Association of Schools and Colleges; Southern Association of Colleges and Schools, Commission on Colleges; Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Accrediting Commission for Junior Colleges.

Graduate Applicants
Graduate applicants should refer to the USF Graduate Catalog.

International Applicants (non-resident aliens)
To be considered for admission, international applicants (non-resident aliens) must submit a USF International Student Application for Admission, a non-refundable application fee payable in U.S. dollars, a TOEFL score if applicable, a Statement of Financial Responsibility, undergraduate or graduate admissions test scores as specified for appropriate applicant category, transcripts showing subjects and grades from the first year of secondary work to the time of application, and a Visa Clearance Form (if currently in the U.S.). Transcripts in a language other than English must be accompanied by a certified English translation.

International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student. Information about recommended and approved independent evaluators is available from the Office of International Admissions (http://web.usf.edu/iac/admissions).

An international applicant (non-resident alien) must meet all admission requirements for the appropriate applicant category (freshman, undergraduate transfer, graduate). Other minimum requirements are as follows:

1. An international applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when an appropriate alternative evidence of English language proficiency is presented in writing.

2. International applicants must be in good standing at the last institution attended.

3. International applicants must submit the USF Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF, without financial assistance from the University.

4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.

Transient Applicants
An undergraduate transient student is one who comes to the University from another regionally accredited institution and wishes to take courses at USF for one term only before returning to the parent institution. Transient students may enroll at USF as non-degree-seeking students. (See Non-Degree-Seeking Students.)
Honors College
Tampa Campus

Superior students in all majors may avail themselves of Honors opportunities at USF’s Tampa campus. The Honors College Four Year Track is designed for first-time-in-college students. The Two Year Track is designed for transfer or upper-level students. These exciting experiences are grounded in the liberal arts tradition and intended for students regardless of major. The primary goals of the Honors College are the development of critical thinking skills, an appreciation of the liberal arts tradition and the development of creative, independent thought. (See complete description in Honors College.)

Potential Two Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.7 high school GPAs and 1270 SAT I or 29 EACT scores. Many scholarships are available for Honors students.

Departmental Honors opportunities are available in selected departments that wish to offer Honors-level work for superior students majoring in their disciplines. Requirements vary according to department, but all require the completion of a Thesis. Students may enroll in both the Honors College and Departmental Honors. Students in both programs are required to complete only one thesis.

Admission to the Honors College is determined by the University Honors Committee and the Dean of Honors; admission to Departmental Honors is determined by the individual department. Students who satisfactorily complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors College Graduates at Commencement as well as on their diplomas and transcripts.

USF St. Petersburg has an Honors Program. For additional information, phone (727) 553-3103.

Learning Communities

A Learning Community is a group of students who enroll in the same classes for a semester, a year, or sometimes longer, and who work together with their faculty to develop their own thinking and learning skills. Specifically designed for beginning freshman, the Learning communities at the main campus in Tampa allow students to meet many of the General Education requirements – those courses all students are required to take their first 2 years in college – in a more focused way than courses selected independently of one another.

Several distinct Learning Communities are available each year, focusing on different themes, with one Learning Community reserved for students who wish to live on campus in the same residence hall. If you would like a small, liberal arts college experience within a large university, if you would enjoy working closely with other students and faculty; if you are qualified to enroll in freshman English (min. SAT verbal 440 or EACT English 17); please consider including Learning Communities in your USF experience. Spaces in the communities are limited. Interested students may contact Kim Williams, Learning Community Advisor at (813) 974-6968, email: Williams@chuma1.cas.usf.edu, or visit our Web site at http://web.usf.edu/~lc.

Other General Information

Evening Courses

The admission requirements and achievement levels in the day and evening courses are the same. Any student accepted to the University may enroll in any appropriate course offered in the evening.

Opportunities for Accelerated Progress Toward Undergraduate Degrees

USF provides several options by which students may accelerate their progress toward completing the baccalaureate degree. These options recognize knowledge which has been acquired prior to or during attendance at USF and provide the opportunity to earn University credit. Options which may be used include the following:

1. Recognition of satisfactory performance on tests offered through the College Level Examination Program (see CLEP).
2. Recognition of satisfactory performance on tests offered through Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).
3. Recognition of the International Baccalaureate Diploma Program. Students who earn the IB Diploma will be awarded 30 semester hours of college credit and sophomore standing. Credit for higher level exams with a score of 5 or higher may be awarded to those students who do not earn the IB diploma.
4. Dual enrollment as a non-degree-seeking student at USF or a community college prior to graduation from high school (see Dual Enrollment [Public/Private High/Home School]). Community college students should follow eligibility criteria for non-degree seeking students (below).
5. Early admission for high school students (see Early Admission Freshmen).
6. Educational Outreach courses by television. Credits may be earned through a combination of the above options. Students should contact their college advisors for further information concerning the application of this credit toward their degree requirements.

Internal processes (such as auditions, portfolio reviews, and placement tests) utilized in the various departments for the sole purpose of determining a student’s most appropriate area, level, or section placement in a program of study are not to be construed as examining mechanisms for the granting of credit.

Non-Degree Seeking Student

Non-degree seeking student enrollment is on a space-available basis and has been established for those individuals who, while not desirous of earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals desirous of taking courses for self-enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. Former USF undergraduate degree-seeking students may only enroll as non-degree seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (reflecting the degree) from that institution must be sent to the USF Office of the Registrar (Attention: Student Records Area) prior to registration.

Individuals enrolling as non-degree seeking students who plan to make formal application to the University may not apply more than 14 semester hours toward an undergraduate degree.

Applicants denied admission to USF as degree-seeking undergraduates may not enroll as non-degree seeking students. Performance in courses taken in this category will not qualify an applicant for admission as a degree-seeking student. A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.
Non-degree-seeking students are subject to the same academic policies as degree-seeking students and must adhere to deadline dates published in the University Schedule of Classes. Non-degree seeking students are not eligible to receive University honors or participate in the USF/Florida Public Community College cross-registration program. Non-degree-seeking students also are not eligible to live in University housing or receive financial aid. Non-degree seeking students are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative for Academic Support and Achievement/Center for Academic Advising to return. Potential non-degree seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist which must be met prior to enrolling.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956 must also submit proof of immunity to measles. (See Immunization Policy.)

Senior Citizen Tuition Waiver
Florida residents who are 60 years of age or older by the first day of a respective semester/term may enroll in certain undergraduate or graduate courses, on a space-available basis, without paying tuition. Academic credit is not awarded, examinations are not required, and grades are not given. An orientation-registration session is held at the beginning of each semester for the Senior Citizen Tuition Waiver program. Information, registration forms, and advising for senior citizens are available at these sessions or by contacting the Division of Senior Programs for further details.

* See Florida residency requirements in this catalog.

Dual Enrollment (Public/Private High/Home School)
Dual enrollment in USF classes is open to academically qualified students currently enrolled in public/private high schools who are recommended by their guidance counselor or principal and to home school students. During dual enrollment, high school or home school students may only take courses which are credited toward their high school diploma.

Students wishing to be accepted as Dual Enrollment students at the University of South Florida must:
1. Be at least 16 years old at start of term, unless enrolled in a special summer program initiated by USF or a special course section involving only dual enrollment students;
2. Have proof of a minimum of 440 on SAT I V (Verbal) and 440 on SAT I Q (Quantitative); or a score of 17 on EACT English, 18 on EACT Reading and a score of 19 on EACT Mathematics; or appropriate placement test scores; and a TOEFL score, if applicable;
3. Have (a) completed the equivalent of the sophomore year, (b) achieved a grade point average of 3.0 or higher on a 4.0 scale (as calculated by USF), and (c) satisfied any course prerequisites; and
4. Provide a list of courses and the number of credits necessary to complete high school diploma from the school counselor or principal on school stationery.

All students interested in early admission or dual enrollment should contact the Honors College (FAO 274, 4202 E. Fowler Avenue, Tampa, FL 33620) for complete information and student qualifications.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956 must also submit proof of immunity to measles. (See Immunization Policy.)

Readmission (Former Students Returning)
A former student returning (FSR) is any degree-seeking undergraduate student who has not earned his/her degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. Former students returning must be readmitted to the University. In order to be considered for readmission, a former student should file a new application for admission with the Office of Undergraduate Admissions by the deadline indicated in the Academic Calendar for the term of requested re-entry. A new application fee is required. (Former College of Education majors must contact the College of Education Advising Office for additional readmission requirements.)

The residency affidavit must be completed and residency status will be reassessed.

To be readmitted, a student must meet the following requirements:
1. Be eligible to return to the University of South Florida; and
2. Be in good standing and eligible to return to the last institution attended as a degree-seeking student; and
3. Have achieved a GPA of at least 2.0 as calculated by USF on a 4.0 scale on all college-level academic courses attempted at institution(s) attended since last enrolled at USF.

Students who have attended one or more institutions since their last enrollment must request official transcripts of all work attempted at the other institution(s) be sent to the USF Office of Undergraduate Admissions. Acceptability of transfer credits toward completion of USF degree programs will be determined by the college of the student’s major.

Former students returning who have been readmitted are not required to participate in an orientation program if they have been out for six (6) terms or fewer on the USF campus where they will take all or the majority of their courses. Students who have been out for six terms or fewer must meet with their academic advisor for course selection. Orientation includes advising and registration for courses. Former students returning will receive orientation information after readmission.

Transient students and non-degree-seeking students are not considered former students returning. These students who wish to enter as degree-seeking students must file an application with the Office of Undergraduate Admissions prior to the deadline listed in the Academic Calendar for the requested term of entry. Former USF students who have earned the baccalaureate degree at USF or at another institution and who now wish to return to USF to earn another undergraduate degree must file an undergraduate application for admission with the Office of Undergraduate Admissions. A $30 application fee is required. A student may not work on a second undergraduate degree if he/she has been accepted into a graduate program.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956 must also submit proof of immunity to measles. (See Immunization Policy.)

Florida Community College System
High school graduates planning to start their college education at a Florida community college should confer with the community college counselor and ask that their academic program be planned with the assistance of the USF Undergraduate Catalog (USF’s Community College Counseling Manual has been incorporated into this catalog) that is available in the counseling offices. This catalog, along with the USF Office of Undergraduate Studies, explicitly describes the undergraduate program requirements and Florida’s common prerequisites that should be followed to ensure maximum ease of transfer into the students’ upper-level programs on a par with their native USF counterparts.
Articulation Agreement

An articulation agreement, in effect since April 13, 1971 and later adopted by the Florida Legislature in statute form as Florida law, governs an effective and orderly transfer of Florida community college students into the State University System (SUS).

The agreement defines and establishes the Associate of Arts degree from a Florida public community/junior college as the basis for all articulation rights. Among these guarantees, the following are central to the transfer process:

1. Admission into the State University System
   - A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.
   - A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.

2. Upon transferring to a state university, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.

3. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, advanced placement and credit by exam, will be transferable to the state university.

4. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.

5. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student’s entire program, provided the student maintains continuous enrollment as defined in that catalog.

6. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

7. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Office of Adult and Transfer Student Services.
The University of South Florida (USF) is committed to the concept of total student development - intellectual, social, physical, emotional, and moral. The curricular, co-curricular, and extracurricular programs of the University are designed to achieve this end and are presented to offer USF students a wide variety of beliefs, opinions and ideas in an atmosphere of openness where all views may be aired. The programs and activities developed and implemented by the Student Affairs staff at USF are intended to improve the quality of life at the University and to meet the University’s goal of total student development.

Students who attend the University of South Florida are subject to University policies in addition to guidelines established by the Board of Trustees of the University of South Florida. The Office of the Vice President for Student Affairs, as well as other University officials, is charged with interpreting the policies of the Board of Trustees to students, their families, and others in the University community.

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs is composed of the areas of Enrollment Planning and Management, Student Life and Wellness, and the University Police Department. Student Affairs staff provide prospective and new students assistance in obtaining information about the University before they arrive on campus. The staff also offers services to the students to help them cope more effectively with the many facets of college life that can affect students’ academic work: financial aid, health services, individual and/or group counseling, alcohol/drug education, career planning, placement, procedures for redressing grievances, standards for students’ conduct, due process in the event of disciplinary action, and advice and/or assistance in time of difficulty. A variety of programs and services are offered by the Student Affairs staff to provide students opportunities to become involved in college life outside the classroom: orientation for new students, advisors in residence halls, student organizations and Phyllis P. Marshall Center programs and activities, student government, student publication, intramural and recreational sports, student health education/wellness programs, and events of special interest. In addition, the Division of Student Affairs provides for the safety of students and employees.

The staff of the Division of Student Affairs at the University is committed to creating a student-focused learning community distinguished by shared purpose, collaboration, open and timely communication, mutual respect, trust and inclusiveness.

The Division will provide leadership for a diverse University community, inspire the pursuit of academic excellence through collaborative learning, and foster a caring environment that encourages the personal and professional development of students and of those who serve them. In partnership with University faculty and staff and the community, we will reach beyond our individual perspectives to develop life-long learners who are broadly educated, ethical, open to differences, capable of critical thinking and who share responsibility for enhancing the human condition.

Student Affairs Diversity Statement

The Division will develop a system that will create a learning community where each individual’s primary identity as a person has worth and value. Individuals from diverse ethnic, racial, religious and social backgrounds will willingly interact frequently displaying attitudes and behaviors of respect, shared purpose, commitment to common welfare, mutual cooperation and support. In this community all persons will be judged on the content of their character and all individuals will have a voice.

Center for Academic Advising

Location/phone: SVC 2011, (813) 974-2645
Web address: http://www.sa.usf.edu/advising/

The Center for Academic Advising is dedicated to promoting the successful achievement of students’ academic goals through comprehensive advising services. The Center’s primary responsibility is to provide academic advising to undergraduate students, with a special emphasis on the needs of students entering a university for the first time.

The following services are provided to these undergraduate students: advisement regarding academic policies and programs, assistance in the selection of a major, administration of special programs for at risk or underprepared student populations, and special advisement for under-represented students. The staff prepares students for entrance into all limited access majors (e.g., Education, Engineering, Business, Nursing, and Mass Communications), and evaluates and certifies all students seeking Associate of Arts certificates.

Student Disability Services

Location/phone: Tampa Campus: SVC 1133, Voice (813) 974-4309; TDD (813) 974-5661 and (813) 974-1585; Fax (813) 974-7337
St Petersburg Campus: Volunteer and Disability Services - 140 7th Ave S - St. Petersburg, FL 33701 - (727) 553-4162
Sarasota Campus: Office of Student Services - 5700 N Tamiami Trail, USS805D - Sarasota, Florida 34243-2197 - (941) 359-4330
Lakeland Campus: Student Disability Services - 3433 Winter Lake Road - Lakeland, FL 33803 - (863) 667-7063
Web Address: http://www.sds.usf.edu

The University recognizes and values students with disabilities. The faculty and administration strive to ensure that students with disabilities participate in all aspects of university life. Academic accommodations are arranged through the Office of Student Disability Services. Student Disability Services (SDS) makes the final determination as to the type of need and the type of assistance that can be rendered for students with disabilities. Each student is responsible for self-identifying and applying for accommodations and services at this office. The process of applying for services is described in detail in the SDS website www.sds.usf.edu. Information Sessions are provided for students, parents, and other concerned persons. The dates and times of these Information Sessions are on the SDS website.

There are two essential elements to receiving reasonable accommodations and services. First, the student must identify herself/himself as a person with a disability and, second, the student must apply for services with the Office of Student Disability Services (SDS). The student identifies herself/himself and applies for accommodations by providing to SDS documentation both of the disability and the significant impact of that disability on academic performance. SDS staff and other experts will review the documentation, a process that typically takes ten working days. To summarize, a student interested in having accommodations for a disability should:

1) Visit our website http://www.sds.usf.edu
2) Present documentation of her/his disability to our office as soon as possible
3) Attend an Information Session

If the documentation provides the necessary information and demonstrates the need for reasonable accommodations, the student will be invited to an intake meeting with a coordinator. The purpose of the meeting is for the coordinator to fashion reasonable accommodations with the student. At this meeting
the student will be given information about the process for having a memorandum of accommodation for each professor for that semester. It is the student’s responsibility to present the memorandum of accommodation to each professor.

At the start of each semester, the student is responsible for providing feedback about the effectiveness of the accommodations to date and registering for accommodations for the new semester. Each semester the student is responsible for giving each of her/his professors a memorandum of accommodation for that semester.

Examination accommodations, the most frequently needed accommodations, are the responsibility of the professor. However, this office provides accommodated examinations if a professor is unable to do so. The directions for this process are on the SDS website.

A certified American Sign Language interpreter is on the SDS staff. Interpreting services are available for classroom and class-related activities for students with hearing impairments. The process for accessing these services is described on the SDS website.

Federal laws require that persons with disabilities receive reasonable accommodations in order to fully participate in all aspects of society. Specifically, the Americans with Disabilities Act of 1990 (ADA) addresses this issue and provides relief for persons who do not receive reasonable accommodations.

McNair Scholars Program
Location/phone: SVC 2049, (813) 974-1605
Web address: http://www.sa.usf.edu/McNair

The Ronald E. McNair Post-Baccalaureate Scholars Program is designed to prepare economically disadvantaged and traditionally underrepresented juniors and seniors for doctoral programs. Special emphasis is placed on the recruitment of students with majors in math, engineering, science, public health, communications, humanities, medical sciences and English. However, other disciplines such as education, social sciences and fine arts are considered. This program encourages graduate studies by providing opportunities for academically talented junior and senior-level undergraduate students to define their career goals, engage in research, develop their personal and professional skills and participate in student/faculty mentor relationships, critical to their success at the doctoral level. Graduate school application assistance is also provided, as well as GRE, GMAT, and MCAT preparation.

McNair Scholars are awarded scholarship stipends when they participate in the Summer Research Institute and during their research internship in their senior year. The Program also provides students with opportunities to attend and present academic papers at national and regional conferences. The criteria for this very competitive scholars program are as follows: 3.0 minimum cumulative GPA, declared major, a minimum of 45 earned credit hours, current enrollment at USF at the junior or senior level, United States citizenship/resident alien status and a completed Ronald McNair application with faculty recommendations.

George Jenkins Scholars Program
Location/phone: SVC 2049, (813) 974-1605
Web address: http://www.sa.usf.edu/jenkins/

The Jenkins Scholars Program is one of the highest funded academic scholarships at USF. The George Jenkins Scholarships are funded through the George Jenkins Foundation, which was founded by the late George Jenkins, the initial founder and owner of Publix Supermarkets.

A select group of Jenkins Scholars are elected annually from a statewide competition of high school seniors who are admitted to USF as freshmen. All of these scholars are economically disadvantaged, but are usually in the top five percent of their high school senior class.

The Jenkins Scholars Program is designed to provide academic and personal support services for all scholars, freshmen through senior year. The scholars participate in various scholarly and cultural activities, such as academic monitoring, mentoring activities, academic/personal development seminars, career advising, graduate school assistance and planned cultural activities with the Jenkins family.

Kosove Scholarship Program
Location/phone: FAO 274, (813) 974-3087
Web address: http://www.usf.edu/financialaid2/Website/Kosove.htm or http://giving.usf.edu/scholarships/Kosove.asp

The Kosove Scholarship

The Kosove Scholarship Program makes annual, renewable scholarship awards to undergraduate and graduate students. These awards pay the full cost of Florida-resident tuition, books, housing and food service, or the equivalent costs for students living off-campus. Awards are made for four academic years (fall and spring) to undergraduate freshmen, for two academic years to currently enrolled students and transfers, and for two academic years to graduate students.

Academic criteria are used as starting points in the selection process. Assuming academic criteria are met, Kosove Scholars are selected through a rigorous examination of leadership ability, commitment to community service and demonstrated concern for the global society.

Goals of the Kosove Society

When A. Harrison and Ruth Kosove founded the Kosove Society in 1983, they envisioned a close network of individuals from all professions and fields of study working together as leaders in building a better community for the Tampa Bay area and beyond. The Kosove Society is comprised of current and past Kosove scholarship recipients. To achieve these ambitious and important goals, members of the Kosove Society must be willing to bear a continuing responsibility to service throughout their lives:
• To assume a role of leadership in the USF community by promoting responsible inquiry and debate over issues of genuine concern to the university population.
• To exemplify responsibility as educated citizens through active community service.
• To strengthen and sustain the friendship network which exists between all members of the Kosove Society through social activities and the induction of motivated members.

Parents Association
Location/phone: ALC 000, (813) 974-2651
Web address: http://www.sa.usf.edu/parents/

The Parents Association is designed to provide opportunities for parents of students enrolled at USF to become involved in special projects, recruitment, scholarships and fund-raising activities.

The Parents Association elects Board members consisting of President, Vice President and Secretary/Treasurer. The Association has an allocated budget to conduct mailouts, newsletters, and sponsor student related activities and fund the annual Family Weekend Activities, which usually occurs in October.

The Association works closely with Residence Services, Admissions, Orientation, Student Affairs and the University Development Office.

Project Thrust
Location/phone: SVC 2034, (813) 974-4227

Project Thrust is a support program established to provide personal, and academic support to undergraduates at the University. Its mission is to provide programs and activities that enhance students’ opportunities to attain their education and career objectives. Utilizing established partnerships with programs, apartments and colleges, Project Thrust helps the University to create an atmosphere of collaboration, mutual respect, and trust for its students, faculty and staff. The program’s holistic approach to student development helps students to persist and graduate. This program contributes
significant to the University’s commitment to create an environ-
ment of intellectual excellence and a culturally diverse
academic community.

Project Thrust has advisors in the following colleges: Arts
and Sciences, Business, Education and Visual and Performing
Arts. In addition to providing advising, counseling and retention
activities, Project Thrust advisors coordinate various activities
to provide academic and career support.

Personal Excellence Program
Location/phone: SVC 2034, (813) 974-4227

Freshman year is the most crucial period for student reten-
tion and may determine the likelihood of graduation. The
Freshman Summer Institute at USF promotes the academic
success of first-year students and encourages higher gradu-
ation rates by providing academic support and coordinating
campus services.

Freshman Summer Institute (FSI) students enter the pro-
gram by participating in a six-week summer residential pro-
duct. During summer semester, FSI introduces a select group
of incoming freshmen to the USF community and transitions
them into college life. The experience resembles a typical
semester: students attend an orientation, complete a series of
courses and seminars for a head start on the fall curriculum, and
complete up to ten academic credits toward graduation. Sup-
port is continued fall and spring semester for all students
successfully completing the summer program.

The FSI tackles the challenges of freshman year with an
active concern for students’ personal and academic welfare,
enhancing their academic enrichment and better orienting them
to the university environment. Counselors, a crucial element
of the program, personally advise, counsel, and monitor students’
progress throughout the first year. Personalized attention, com-
bined with a holistic approach for student growth, distinguishes
the Freshman Summer Institute as a unique student resource

Student Academic Support System (SASS)
Location/phone: SVC 2008, (813) 974-4505
Web address: http://www.sa.usf.edu/sass/

Used at major universities throughout the state of Florida, the
Student Academic Support System (SASS) is a computer
assisted advising program designed to help students track their
progress toward meeting general education and undergraduate
degree requirements. Each SASS report is specific in that it
matches a student’s academic record against the requirements
of the student’s degree program. SASS reports are available to
each undergraduate student through the student’s advisor,
academic counselor, or OASIS on FACTS (http://www.facts.org/).
The central SASS office maintains the data and trains appropri-
ate college personnel.

Student Support Services Program (SASS)
Location/phone: SVC 2042, (813) 974-4301
Web address: http://www.sa.usf.edu/sss/

Student Support Services (SSS) is a federally funded reten-
tion program designed to provide academic and personal
support to students admitted via profile assessment, individuals
who qualify as either having disabilities or as low income, “first
generation” college students (“first generation” means that the
students’ parents did not earn a four year degree). The program
serves a diverse student population and provides an opportu-
nity for students who may not meet all admission criteria but
whose high school records and test scores indicate the potential
to succeed in college. SSS has a positive impact on student
success. Its participants are retained and graduate at a rate
similar to students regularly admitted to the University.

Students who participate receive personal, academic, ca-

career, financial, and tutorial assistance. Special instruction
is provided in the areas of English composition, reading, and
study skills.

SSS provides a summer program to ease the transition from
high school to college, establish a strong academic foundation
during the summer semester, and expose students to university
resources and facilities. Students receive a comprehensive
summer orientation, individualized academic advising, course
credit toward graduation and college survival skills.

Program participants have an opportunity to join the SSS
Club, which serves as a common unit for students to exchange
academic information, plan cultural activities, meet former SSS
participants, and conduct fund-raising activities.

Enrollment Planning and Management

The staff of the division of Enrollment Planning and Manage-
ment strives to provide convenient and effective services to
assist students with admissions to the University, orientation to
the campus and services that recur each semester, including
registration, financial aid, academic advising, scholarships,
student employment and grade reporting. Experiential learning,
career planning, and job placement are vital services to assist
students with their career development, degree progress and
future employment.

Admissions

Locations/Phones:
Tampa Campus: SVC 1036, (813) 974-3350
St. Petersburg Campus: BAY 102, (727) 553-1142
Sarasota Campus: PMC 101, (941) 359-4330
Lakeland Campus: LLC 2100, (863) 667-7026

The Office of Admissions assists prospective students with
learning about the opportunities available to them at the Univer-
sity. The office is responsible for processing applications for
admission for undergraduate and former students returning.
Admissions also reviews transfer credit completed at other
regionally accredited institutions for determination of transfer-
ability. Admission services are also available at all regional
campuses.

Adult and Transfer Student Services

Location/phone: SVC 1001, (813) 974-6444
Office Hours: Monday - Thursday, 8 a.m. - 7 p.m.; Friday, 8
a.m. - 5 p.m.; Saturday, 9 a.m. - 1 p.m.
Web address: http://www.atss.usf.edu

The office of Adult and Transfer Student Services (ATSS) is
a department created to meet the needs of adult students
enrolling or returning to the university and students transferring
from a community college or other academic institution.
ATSS recruits and serves as a central source of information and
referral, advising, programming, and advocacy for the non-
traditional student by identifying the needs of adult learners and
transfers, and facilitating their entry into the University envi-
ronment. In addition, the office supports the continuation toward
their educational goals through a scholarship program, organi-
zation for transfers and adult learning, and activities to help
transfer students and adult learners make a successful transi-
tion and feel a part of USF. Staff members develop partnerships
with community colleges, area employers, and community
groups as well as within the USF community. ATSS also
focuses on the concerns of women faculty, staff, and students
through specialized programming and collaboration with other
university services.

The Career Center

Location/phone: SVC 2088, (813) 974-2171, 8-5, Mon-Fri.
Web address: http://www.usf.edu/career

The Career Center provides USF students with comprehen-
sive career planning and job search services. A staff of
experienced Career Center professionals is available to help
students choose a career; gain career-related work experience
and prepare for an effective job search. The Career center also
provides information on employment opportunities and creates
venues where students can network and interview with local,
state and national employers.
Career Center's numerous services are clustered into the areas of career planning, career-related work experience, job search preparation, and connecting with employers.

Career Planning
Individual Career Advising Appointments may be made with a career specialist to help students make an informed decision about a potential career and academic major.

Career Assessment Surveys are available to help students identify their interests, skills and work values. Both pen and paper and web-based assessments are available.

Career Decision-making Workshops teach students about the career development process and the steps to be taken in order to choose a career and academic major.

Career Reference Library contains information on career fields, including job descriptions, working conditions, educational requirements, salary information and projected employment outlook.

Graduate & Professional School Fair provides an opportunity for students thinking about continuing their education to talk to Admissions representatives from graduate and professional schools.

Career-related Work Experience
Part-time Jobs, both on and off campus, including Federal Work Study Program (FWSP) jobs are posted on the Career Center website.

Cooperative Education ("Co-op") is a structured, academic program of paid, practical work experience related to a student's major. See the Career Center website for eligibility criteria and program details.

Internships from on and off-campus employers are advertised on the Career Center website. Internships for academic credit are coordinated through the student's sponsoring academic department.

Job Search Preparation
Individual Career Advising Appointments may be scheduled for assistance with resume/cover letter preparation; interview techniques; and various other job search strategies.

Walk-in Advising is available to answer questions about careers, job search or Career Center services. These fifteen-minute sessions are available Monday-Thursday (8:30-4:30) during fall and spring semesters.

Job Search Workshops are available on topics such as resume writing, interview techniques and other job search strategies, and include one on how to participate in the on-campus interview program.

Job Search Reference Library contains resources on resume writing, interviewing and job search strategies, as well as employer directories and salary information.

Job Search Computer Lab, located in the Career Center reference library, is equipped with computers with Internet access for conducting a cyberspace job search, scheduling on-campus interviews and researching employers.

Connecting with Employers
On-Campus Interviews for Internships and Full-time Positions are conducted in the Career Center by local, state and national recruiters from numerous types of organizations to fill their internship and full-time professional positions. All majors are eligible to participate.

Resume Referral is available to students who have uploaded a resume in the Career Center's electronic resume database. The Career Center will forward resumes of students matching the employer's hiring criteria, upon the employer's request.

Virtual Video Interview (VVI) allows students to visually market their skills, experiences and qualifications to a potential employer by making a web-based video, accessible to employers via the web from anywhere in the world. The VVI, linked to the student's uploaded resume, is the latest technology for screening interviews.

Career Networking Fairs, held each semester, bring students and employers together to network and discuss employment opportunities.

Job Listings are posted on the Career Center's website daily and include part-time jobs, internships, Cooperative Education and full-time professional vacancies.

Credential Service is available to students seeking employment in higher education and/or research institutions. Up to five reference letters and a transcript may be stored in the Career Center and mailed to prospective employers upon request.

Financial Aid

Location/phone:
Tampa Campus: SVC 1102, (813) 974-4700
St. Petersburg Campus: BAY 105, (727) 553-1128
Sarasota Campus: USS-C, (941) 359-4330
Lakeland Campus: LLC 2101, (863) 667-7028

Web Addresses:

Email: http://www.usf.edu/askusfl/ USF makes every effort to ensure that all qualified students have access to an education. Many student financial aid programs are administered or coordinated through the Office of Financial Aid.

USF's Financial Aid Web site provides step-by-step guidance through the financial aid application process. USF's Online Access Student Information System (OASIS Web) allows students to monitor the status of their financial aid from application to disbursement of funds.

All students wishing to receive financial aid are encouraged to start the financial aid process as early as possible. The first step, each year, is to complete and submit the Free Application for Student Financial Aid (FAFSA) online. For more detailed guidance and information, log onto the Financial Aid Website, stop by the Financial Aid office and/or call and request a 2002-2003 Financial Aid @ USF Handbook.

Orientation

Location/phone: SVC 1138, (813) 974-3060

Orientation provides an introduction to both academic and student life aspects of USF. To facilitate the smooth transition of students into the academic environment of the University, academic advising and registration are major components of the program. In addition, orientation provides opportunities for entering students to develop realistic academic and personal goals, to locate student support programs and resources, and to meet faculty, staff, and continuing students. Orientation is required of all new students and former students who are readmitted to the University.

Orientation programs are available on all regional campuses.

Office of the Registrar

Locations/phones:
Tampa Campus: SVC 1034, (813) 974-2000
St. Petersburg Campus: (727) 553-1142
Sarasota Campus: (941) 359-4641
Lakeland Campus: (863) 667-7026

Web address: http://www.registrar.usf.edu

The Registrar's Office provides a wealth of student, academic, and administrative services. The Registrar's Office is responsible for maintaining each student's academic record from the time of admission to degree. Therefore, virtually every USF student is a consumer of services provided by the Registrar's Office.

Registrar's staff publish and distribute the University Schedule of Classes, coordinate registration and drop/add activities, process grade information each semester, prepare transcripts and diplomas, as well as certify student enrollment status.
Registrar’s staff also review and act upon student requests for reclassification, residency and process changes of name and student I.D. number.

Students interested in petitioning the Academic Regulations Committee (ARC), requesting fee adjustments, late registration fee waivers, or posting of grade forgiveness will find information and forms on the web and in the registrar’s office.

The Registrar’s Office provides information and services to students via OASIS, the University’s Online Access Student Information System. Using their self-declared personal identification number (PIN), students can register and drop/add, process address changes, access registration appointment and hold information, request privacy and view their grades. Students can also browse the University Schedule of Classes. Information and services are continually being added for students.

Although technology is being used as an enabler to provide better service, Registrar’s staff provide in-person information and services in its lobby area as well as over the telephone. Records and Registration offices are also located on every regional campus.

Student Life and Wellness

Student Life and Wellness is a subdivision of the Division of Student Affairs. This subdivision is committed to promoting a diverse community characterized by collaboration, open communication, and values that affirm the worth of individuals. Through shared purpose, critical thinking, and life-long learning, the staff will create a wellness-enhancing environment conducive to student development and academic achievement. The staff will strive to provide leadership that develops caring citizens who value individual differences, the pursuit of excellence and shared responsibility for enhancing the human condition.

Student Relations

Location/phone: Argos 234, (813) 974-9089

Student Relations is a student-oriented office that serves the USF community in an ombudsperson’s role for student services. Student Relations assists with university related issues in which resolution is needed, peer mediation, the reinstatement process for non-payment of fees, advocacy for students experiencing crisis, etc. This office strives to maintain a high level of respect, trustworthiness, and responsiveness to students.

Counseling Center for Human Development

Location/phone: SVC 2124, (813) 974-2831
Web Address: http://usfweb.usf.edu/counsel

The Counseling Center is a comprehensive, student-oriented facility providing services in educational skill enhancement, life planning, and mental health to the USF community. The Center offers individual treatment on a time-limited basis and makes referrals to in-house therapy groups or to community settings for appropriate management of problems requiring longer-term care. All services preserve the confidentiality of students. For more information about any of the following services, call 974-2831 or stop by SVC 2124.

Counseling Services are designed to enhance the personal, academic, emotional, social, career and life planning effectiveness of students. Fully accredited by the International Association of Counseling Services (IACS), the USF Counseling Center is staffed by professional psychologists and psychiatrists licensed to practice in the state of Florida. These professionals assist students in developing a clearer sense of identity, establishing greater autonomy, discovering strengths and weaknesses, identifying realistic educational and career goals, and becoming more insightful, self-directing individuals. Services aimed at early detection, grater self-understanding, effective problem-solving and informed decision-making include: intake evaluation and disposition, crisis intervention, psychological assessment, time-limited individual psychotherapy, couples therapy, personal growth groups and both time-limited and ongoing psychotherapy groups. Adjunctive services include psychiatric consultation, anxiety management, and skill-enhancement workshops.

The Reading and Learning Program provides coursework, workshops, and individual instruction in the learning strategies and reading skills necessary for academic success. The program offers three credit-bearing courses—Advanced Reading (3 credits), Learning Strategies within Academic Disciplines (2 credits), and Academic Strategies (1 credit). Workshops are offered each semester for study skills and for the individual sections of the CLAST. The learning lab offers software and print materials for general reading, and academic improvement preparation materials for graduate school exams such as the GRE, MCAT, LSAT and GMAT. Additionally, diagnostic services and individual instruction are available to assist individuals in reading comprehension and study skills.

Testing and Assessment Services enhance the effectiveness of counseling by providing objective information about students. Tests of abilities, aptitudes, career interests, personality, reading comprehension, study skills, and other complex psychological attributes are available. Additionally, the Learning Disabilities Testing Program receives referrals from Student Disability Services and identifies students with specific learning disabilities.

The Outreach Program aims at understanding the needs of the University community and developing programs to meet those needs. Structured groups, workshops and presentations are provided for students and staff as methods of primary prevention and education. Through a monthly newsletter, student publications, posters, advertisements, and presentations to student organizations and other groups, Center staff provide information about a wide range of mental health, psychosocial and educational issues that concern students.

Specialized programs include the Center for Addiction and Substance Abuse (CASA) and Vocational Rehabilitation Services. CASA focuses on research, prevention, and treatment with regard to alcohol and other drug use/abuse. Vocational Rehabilitation services are available for qualifying students and include vocational evaluation, vocational and personal counseling and guidance, coordination of services, training assistance, provision of books and supplies, and treatment.

Veterans Services provides specialized services and programs to veterans, eligible dependents, active duty personnel, and members of the Selected Reserve. The staff assists students with their use of Department of Veterans Affairs (VA) Educational Benefits, and serve as information and referral resources. Veterans Services was established to act as a liaison, whenever possible, between the VA students and the VA or various USF offices in order to help resolve problems. Veterans Services is the point where students submit all paperwork concerning VA Educational Benefits. Programs to help students financially include VA Work-Study Program, VA Deferment of Fees, Advance Payment Program and VA Tutorial Assistance. Office Hours: 8:00 a.m. to 5:00 p.m., Monday through Friday (except University holidays). Under special circumstances, it is possible to call to arrange for an after-hours appointment. For further information, contact the staff in SVC 2127, call 974-2291, or visit our web page (http://usfweb.usf.edu/veterans/).

Student Health Services

Location/phone: SHS is located east of the USF Bookstore and north of the Student Services Building, (813) 974-2331, FAX (813) 974-8391.
Address: 4202 East Fowler Avenue, SHS 100 Tampa FL 33620-6750
Internet: www.shsweb.shs.usf.edu
Office Hours: Monday through Friday 8:30 a.m. to 5:00 p.m. (hours may vary on holidays and semester breaks). SHS is closed on weekends.

After Hours Consultation: An SHS physician is available by telephone after hours to provide medical advice and direction.
for currently enrolled USF students. The on-call physician may be contacted at the SHS telephone number, 974-2331.

Emergency Services: SHS does not provide ambulance services. If students require emergency services or immediate medical attention after hours, two nearby facilities are the University Community Hospital (971-6000) on Fletcher Avenue (north of campus) and the Doctor’s walk-in Clinic (977-2777) on Bruce B. Downs Boulevard (west of campus).

Student Health Services (SHS) provides primary health care and health education services to all eligible registered students. The SHS staff is comprised of general practice physicians, board certified specialists, advanced registered nurse practitioners, board certified physician assistants, registered nurses, licensed practical nurses and assistants, licensed laboratory technologists, certified health educators, a registered dietitian, and administrative personnel. SHS strives to provide the best possible care for the university student community.

Eligibility and Fees: SHS provides services to any registered student with a valid student ID card who has paid the Tampa campus health fee. If a USF Tampa campus student is assessed this health fee and it is included in their tuition each semester. Students registered on campuses other than Tampa may volunteer to pay this health fee. Students taking a semester off may also elect to pay this health fee, entitling them to the same benefits as any student who is currently registered.

The Health Fee entitles students to:
- Unlimited visits to the ambulatory clinic
- Access to SHS specialty clinics at a reduced cost (Gynecology, Dermatology)
- Reduced cost for laboratory tests
- Reduced cost for medications dispensed at SHS
- Limited visits to the Counseling Center at no charge
- Unlimited access to all health education programs at no cost
- Limited antigen injections (If you require allergy shots, SHS can store and administer your injections. Complete written instructions must be submitted by the prescribing physician for antigen therapy to be approved by SHS’s medical director.)

Prescriptions: SHS does not operate a pharmacy; the physicians dispense frequently prescribed medications at the time of the visit. If the necessary medication prescribed is not available in the inventory, a prescription will be written which can be filled at any local pharmacy.

Health Insurance: For Student Health Services to provide optimal service to students, it is important that they have adequate health insurance. The Student Insurance Office (SIO) with the assistance of the Insurance Committee has contracted a reliable health insurance company to provide our students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. The SIO is there to assist students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to visit the office located just west of SHS in the lower level of the Bookstore building (next to textbook buyback).

Health Education Programs: The Health Education functions as a resource for the university community regarding health and wellness issues and encourages responsible decision making and positive lifestyle choices. The Department is staffed by health educators, a registered and licensed dietitian, and other support personnel. A variety of information on health topics, as well as free blood pressure, height and weight readings are available. The following describes some other services provided. All are free and offered upon request, unless otherwise stated. For more information, call (813) 974-4936.

Individual Counseling
- HIV Antibody Testing – Confidential HIV Antibody testing is available to USF students for a fee. Referrals are made to local community agencies for anonymous testing.
- Nutrition Counseling – One-on-one nutrition counseling is available to USF students. Topics may include nutrition myths and facts, nutrition for wellness, disordered eating, weight management, cardiovascular nutrition, diabetes, dietary supplement facts, vegetarianism or other nutrition-related issues. Visits are free of charge.
- Individual consultations and referrals are available on other topics including STI’s (sexually transmitted infections), sexual responsibility, alcohol and other drugs, and body image.

Outreach Education
- Educational Programs – Staff members are available for educational outreach programs. Programs can be tailored to meet the special needs of a group or organization.
- Health Promotion Activities – Health Ed. Staff are frequently found around campus distributing information and materials.
- Awareness Campaigns – Throughout the year, the Health Ed Department develops and organizes various events, activities and materials in recognition of national awareness campaigns, including National Collegiate Alcohol Awareness Week, National Nutrition Month, National Eating Disorders Awareness Week, and Sexual Responsibility Week.

REACH Peer Education Program (Responsible Education and Action for Campus Health)
REACH Peer Educators are selected and trained to provide innovative, non-threatening educational programs and activities regarding sexual responsibility, STI’s, contraception, alcohol and other drug awareness and general college health issues to fellow students. Workshops are presented in residence halls, academic classes, and to university student organizations. Peer educators are also involved with various health promotion activities and awareness campaigns. Students can get involved with the program as staff members or volunteers.

Mandatory Medical Requirements for Registration
1) Medical History Form (required for all students, regardless of age)
According to Florida Administrative Code Rule 6C-6.001(4) “Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student.” New admits will be provided a Medical History/Immunization Form with their admissions letter. In order to register, this form must be completed, signed, and returned to:
Student Health Services
University of South Florida
4202 East Fowler Avenue, SHS 100
Tampa, FL 33620-6750
Immunization Fax: (813) 974-5888
Telephone: (813) 974-4056

2) SUS Immunization Policy
As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to RUBEOLA (measles) and RUBELLA (German measles). The documented date of immunization for both measles and rubella should indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.
Consistent with Department of Health and Rehabilitative Services guidelines, acceptable proof of immunity for Rubella (measles) and Rubella (German Measles) are as follows:
A) RUBEOLA (MEASLES): Students can be considered immune to measles only if they have documentation of at least one of the following:
1. Documentation of immunization with two (2) doses of live measles virus vaccine on or after the first birthday. Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.
2. Laboratory serologic (IgG) evidence of measles immunity.
3. A written, dated statement signed by a physician on his or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician’s opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine. Vaccinations and blood titers are available at Student Health Services.

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.
• For religious exemption applications, contact Student Health Services.
• For off-campus term exemptions, contact Registrar 974-2000.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.

3) Requirements for Students Residing on Campus
Florida Statute 339, Section 1006.69
An individual enrolled in a post secondary educational institution who will be residing in on-campus housing shall provide documentation of vaccinations against meningococcal meningitis and hepatitis B unless the individual, 18 years of age or older or the individual’s parents, if the individual is a minor, declines the vaccination by signing a separate waiver for each of these vaccines, provided by the institution acknowledging receipt and review of the information provided.

SUS Health Insurance Requirement for International Students
The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

Residence Services
Location/phone: RAR 229, (813) 974-4310.
Office Hours: Monday through Thursday, 8:00 a.m. - 5:00 p.m. and on Fridays from 8:00 a.m. - 5:00 p.m.
The Residence Hall program is an integral part of the total educational experience offered to USF students and is staffed by caring, informed professionals, graduate students, and resident assistants. The Office of Residence Services strives to provide students with intellectual and social experiences in a conveniently-located residence hall community and to promote a safe, secure, and healthy living-learning environment where individual differences are appreciated and respected.

Whether considering the convenient location, the availability of resources and amenities, or the student-oriented personnel associated with the residence hall program at USF, campus living has a lot to offer. Every enrolled degree-seeking student is eligible to live on-campus. Housing information, including a student housing contract, is sent to all accepted students. Students are encouraged to submit their student housing contract immediately upon receipt to insure that housing preferences may be accommodated. Florida Prepaid College Program participants with a Prepaid Dormitory Contract should note the Prepaid Dormitory Contract number in the space allotted on the Student Housing Contract.

On-Campus Housing Facilities
Student housing facilities on the Tampa campus are clustered in five centers of community activity - the Argos, Andros, Maple, Holly, and Magnolia Complexes. Each area provides a core of services for its residents including a central service desk, mail delivery, laundry facilities, snack facilities, and swimming pool. Although the complexes provide the same basic services, they represent distinctly different options in campus living.

In the Argos Complex, Beta and Castor Hall offer traditional student residential living. Beta is co-ed while Castor is an all-female hall. The traditional living arrangement in these halls provides room accommodations designed for both sleeping and studying. In each of these halls, students share common bath facilities that are cleaned on a regular basis by the hall’s housekeeping staff. It also offers laundry facilities, kitchens, community rooms, and snack machines. Also added to the Argos Area in Fall 2003 will be the Maple Suites. Maple will be a coed hall offering double occupancy suites.

Kosove Apartments house 3-5 students per apartment in single or double occupancy rooms. Upperclass students are eligible to live in Kosove Apartments.

The Maple Complex houses 830 students in double occupancy suite style halls as well as single occupancy apartments. In the suite style halls, 4 students share a bathroom between 2 rooms. In the Maple Apartments, 4 students have single bedrooms and share a living room, kitchen and two bathrooms.

The Andros Complex consists of nine smaller halls with suite arrangements. Delta, Eta, Epsilon, Kappa and Zeta Halls are co-ed double occupancy rooms. Delta is designated as the Leadership Residential Learning Community. Epsilon Hall houses honors students and International/Exchange program students. Eta Hall is all female and double occupancy. Eta Hall houses a residential program for women with interests in Math, Science, and Engineering. Theta, Lambda, Mu and Iota Halls are co-ed and single occupancy. Theta is designated as the Leadership House, a program for students interested in leadership development. Each suite in Delta, Epsilon, Zeta, and Eta accommodates two students per room, four students per study area, and eight students per bathroom, which includes two sinks, two showers, and toilets. Each suite in Kappa accommodates two students per room, four students per study area, and eight students per bathroom, which includes two sinks, one shower, and two toilets. Each suite in Theta, Iota, Lambda, and Mu accommodates one student per room, two students per study area, and four students per bathroom, which includes two sinks, one shower, and two toilets. Each Andros Complex living unit (30-41 students) shares a kitchen/lounge.

Holly Apartments house 728 students in an apartment setting. Each apartment houses 4 students and includes 4 single bedrooms, 2 bathrooms, a full kitchen and a living room. A few 2 student/2 bedroom apartments are also available. Each apartment has a private entry and is fully carpeted. Furnishings include single beds, dressers, and desks in each bedroom and a 3-seat sofa and 2 chairs in the living room. Appliances in the kitchen are all-size. The Holly complex also includes 2 laundry room facilities, community rooms, and snack machines.
areas, a mailroom, a desk area, a multipurpose/study room, and a computer lab.

Magnolia Apartments houses students in 3 or 4 bedroom apartments. Each bedroom is equipped with a bed, desk, chair, dresser and closet. The shared living/dining room and kitchen contains a couch, one chair and two barstools. Students who are married or have dependent children living with them are eligible for the family units, which have 2 bedrooms, a bathroom, living/dining room and kitchen. Services include convenient parking, a playground, cable TV, computer connections, computer labs, telephone service, mail and a laundry facility. A Community Manager and Community Assistants will work with residents to respond to concerns, plan get-togethers and programs and assist otherwise as needed.

All student housing is air-conditioned. All rooms are carpeted, and all rooms are furnished with a bed, desk, chair, dresser and closet for each resident. All rooms provide basic telephone service, voice mail and cable TV with a movie channel and ethernet access. Food service facilities are conveniently located in the Argos and Andros Complexes. Nearby swimming pools as well as basketball, tennis and racquetball courts await students seeking leisure-time recreation. In addition, students have access to Residence Services Computer Labs and the opportunity to become involved in planning activities for their hall by joining Residence Hall organizations such as RHA.

Off-Campus Housing

Office Hours: Monday through Thursday 10 a.m. – 5 p.m., and Friday 10 a.m. – 5 p.m.

The Off Campus Housing Office maintains lists of university-area apartments, homes, condos, and other rental properties available to the public. In addition, the agency accepts roommate and rental property listings from private individuals who do not discriminate because of race, color, or national origin. The office is open throughout the year. You may also search the online apartment listings at www.reserv.usf.edu/offcampushousing.

Phyllis P. Marshall Center

Location: middle of campus, at the apex of Cedar Drive
Web address: http://ctr.usf.edu

The Phyllis P. Marshall Center, more so than any other campus facility, serves as a focal point of daily activity for students, faculty, staff, alumni, guests and visitors. Located at the heart of campus at the apex of Cedar Drive, it is the community center of the University, providing a multitude of services and programs. The Marshall Center seeks to add another dimension to the educational experience by providing an environment for informal association outside the classroom. The Marshall Center was designed with the extracurricular life of the student in mind, to provide a sense of central place and identity for the USF student. It is the place to meet new friends, engage in lively discussions, or take advantage of valuable services designed to improve the quality of life of the USF student. In addition, it is the goal of the Marshall Center to provide meeting space for faculty, alumni and staff, to provide recreational and informational services to the public and to foster a spirit of enthusiasm and community at USF.

Situated in what is often referred to as the “corridor of convenience,” the Marshall Center houses a diversity of programs and services: food services, organizational offices, meeting rooms, Game Room, study lounges, a travel service, and much more.

The Information Desk, located in the first level lobby, serves as the information center for student activities in the Center and the University. Services available through the Information Desk are discount and other ticket sales, residence hall voice mail sign-ups, Tampa area bus schedules, official USF lost and found, and current events information. Other services located on the first level include a USF Federal Credit Union branch with two automatic teller machines, the USF Card Center, STA Travel, food court, Centre Gallery, a student directed art exhibition space, and the Box Office.

The Marshall Center’s conference and meeting facilities are available through the Reservations Office. Meeting rooms hold from 12 to 2,250 people. Large rooms, such as the 1956 Ballroom, are perfect for dinners, social functions and large conferences.

Food service areas in the Marshall Center include the Tampa Room Food Court, with Chick-Fil-A Express, Pizza Hut Express and Einstein Bagels on the first level. On Top of the Palms restaurant is located on the fourth floor and offers an all-you-can-eat lunch buffet. Catering for events held in the Marshall Center is available through USF Dining Services for those wishing to hold a luncheon, reception or formal dinner.

The Marshall Center lower level houses WBUL Student Radio Station, SG Computer Services, the games and arcade area, vending machines, SAFE Team and the USF Dining Services office. The Game Room area has billiard tables, video, computer, and pinball games, foosball, table tennis, chess, checkers, and card tables. Various collegiate tournaments are also coordinated through the games area.

The weekly Bull Market is coordinated every Wednesday by the Marshall Center. The Market offers vendors, food and a social atmosphere for students and is physically located on Sessum’s Mall, near Cooper Hall. Other Marshall Center services include a stamp machine, library book drop.

Special Events Center

Location: CTR C26, (813) 974-5213
Box Office: (813) 974-3184

The Special Events Center adds a distinctive dimension of entertainment to the USF Campus. With spacious stage and orchestra areas, auditorium-style seating, exceptional acoustics and high quality lighting equipment, this center is ideal for a wide variety of programs. The center, which accommodates 2,250, hosts concerts, cultural events, lecture series, musical and theatrical performances, as well as all types of special events, and is also available for private functions. The Special Events Center is connected to the Marshall Center by a Skyway over Cedar Drive.

Student Government

Location: CTR 203, (813) 974-2401
Web address: http://www.sg.usf.edu

Any registered student may become a member of Student Government (SG). Student-wide elections occur in April each year. Student Government is made up of three branches: the Executive (President, Vice President, Cabinet officers and agencies), Legislative (Student Senate) and Judiciary (Student Supreme Court). Student Government represents all student interests in programs, plans, policies, and procedures of the University and secures student representation to University governance. SG oversees the Activity and Service Fee Fund, which supports the Marshall Center, Campus Recreation, the student newspaper The Oracle, Campus Activities Board, University Lecture Series, SG Branches and Agencies, College Councils, and over 100 student organizations. SG’s agencies include SAFE Team, Computer Services, SoberRide, Student Information Services, Internet Administration Services, and the Homecoming Steering committee. Student Government will assist students with any type of grievance by acting as a liaison between students and University administration.
Student Activities
Location/phone: CTR 259, (813) 974-7595
Office Hours: Monday through Thursday, 8 a.m. – 6 p.m. and Fridays 8 a.m. – 5 p.m.

The Student Activities Office provides advising and activities for students to experience growth outside the classroom setting. This office is an outlet for students to learn emotionally, intellectually, and physically while participating within a group. Services are provided to more than 300 student organizations.

Traditional USF activities such as Honors Week, Greek Week, and Student Organizations Showcase are coordinated through this office. The Student Organization Advisory Board (SOAB), an all-student committee, is made up of students representing the various organizations and serves as a resource to all organizations in regard to their programs, problems and general welfare. The Campus Activities Board (CAB) is a unique programming organization. Made up entirely of students, CAB offers students the opportunity to participate in planning and implementing a variety of programs for the University while developing valuable skills in marketing, budgeting, and program planning. Professional advisors are also available to counsel students on their programming needs.

Through the Office of Student Activities the Leadership Center hosts a leadership resource library, as well as leadership classes offered through the College of Business.

Clubs and Other Organizations

The clubs, councils, and organizations formed by students represent a wide variety of interests. With over 300 student organizations, the Tampa campus of USF has groups organized for all types of activities.

New organizations are continually being formed. Professional staff members are available to assist individuals forming an organization, and to advise registered groups. For a current list of all organizations, or information on forming a group, contact the Office of Student Activities, located in Marshall Center, Room 259 or call (813) 974-7595.

For a detailed list of all the student organizations on campus visit the Student Organization Look-Up web site at www ctr.usf.edu and click on the Student Organization Look-Up link. From there you can browse through the more than 300 active student organizations on campus and their contact information. If an organization is on the list and is no longer active, they can always be started up again. An entirely new organization can be started as well; it’s really easy and it’s all up to you.

USF has more than 300 registered student organizations. These organizations fall within twelve different categories: Academic, Council, Cultural, Graduate, Greek, Honors, Political, Programming, Recreation, Religious, Service and Special Interest. Log on to www ctr.usf.edu and see the current list of organizations on campus.

Campus Recreation
Location/phone: Northwest of the Sun Dome, (813) 974-3177.

The Campus Recreation Program is designed to provide opportunities for participation in a wide variety of sports and recreational activities for the entire University community.

The Campus Recreation Department offers five distinct divisions: informal recreation, outdoor recreation, intramurals, fitness/noncredit instruction, and sports clubs. The informal recreation division administers all recreational facilities. The division assists groups in reservations and ensures availability of recreational facilities for informal, drop-in use. Facilities include indoor and outdoor pools, gymnasiums, weight room/ activity rooms, tennis courts, racquetball courts, intramural fields, and jogging trail.

Through the fitness/noncredit instruction division, students have the opportunity to take a wide variety of noncredit classes ranging from aerobics to scuba. Also, the Campus Recreation Center offers the opportunity to work out in a state-of-the-art weight room as well as participate in racquetball on six 4-wall courts.

The Outdoor Recreation Division offers students the opportunity to become involved in adventure trips (hiking, canoeing, camping, etc.) as participants or as group leaders. The division also administers a fully equipped outdoor rental center and resource center. In addition, the division is responsible for the USF Riverfront Park, a complete riverfront recreational site located on the Hillsborough River, which includes a ropes/ challenge course, primitive camping, and a disc golf course.

The Intramural program offers competitive and recreational tournaments in a variety of sports and recreational activities. The activities represent a broad selection of sports and include individual, team, and aquatic sports.

The sports clubs program supports a wide range of student-organized groups. The sports clubs provide for instruction, recreation, and competition in various sports activities.

Injuries occurring in any of the Campus Recreation programs are not covered by the University or the Campus Recreation Office.

Information about any of the above activities can be found at the USF Campus Recreation Center, located directly northwest of the Sun Dome, or by calling 974-3177.

Student Publications

The University encourages a program of campus communication through two publications staffed by students under the general supervision of the Office of Student Publications. These publications are all-University in approach and coverage. A tabloid campus newspaper, the Oracle, is published five times weekly, Monday through Friday during the Fall and Spring, and two times weekly, Monday and Thursday, during the Summer. Containing 12 to 20 pages in each issue, it provides professional experience for those students interested in print journalism.

Omnibus, a literary magazine, published annually, contains prose, poetry, photos, and graphics produced by students. Interested students are invited to apply for staff positions on both publications.

Standards and Student Judicial Procedures

Standards of Conduct

Just as the University maintains high standards of academic performance, the members of the University community support high standards of individual conduct and human relations. Responsibility for one’s own conduct and respect for the rights of others are essential conditions for the academic and personal freedom within the University community. Self-discipline and sensitivity to the rights and interests of others are the principal elements of the University Student Code of Conduct. The Student Code of Conduct sets forth a foundation of values that represent a standard of expected behavior both inside and outside the classroom. The University reserves the right to deny admission or refuse enrollment to students whose actions are contrary to the purposes of the University or impair the welfare or freedom of other members of the University community.

Students have often asked for advice on standards of dress and personal appearance. The University does not have a formal dress code but campus attire is expected to be appropriate for the activity in which the individual is engaged.

Judicial Procedures

Student judicial procedures are followed when a student fails to exercise his/her responsibility in an acceptable manner or commits an offense as outlined in the student handbook (www sa.usf.edu/js). The University disciplinary procedures afford students the opportunity to participate in discussions of the matter and to present information in one’s own behalf, to seek counsel in one’s own best interest, and the right of appeal.
Students are entitled to participate in the development of standards of conduct supporting their interests in the purpose of the University. The University Judicial procedures are described in the student handbook.

For Non-Academic Grievances: In order to assure students the right to redress of grievances, the Office of Student Relations is responsible for a grievance procedure involving non-academic matters. Any student may file a question, complaint, or statement of grievance in the Office of Student Relations, in person or in writing. A course of action or other answer will be given by the Office of Student Relations, as soon as possible.

For Academic Grievances: Students should follow the academic grievance procedure.

**OTHER STUDENT SERVICES**

**Intercollegiate Athletics**

USF fields 18 intercollegiate sports for men and women, all at the NCAA Division I level. In men’s competition, USF has baseball, basketball, football, soccer, cross country, outdoor track, golf and tennis. Women’s competition includes basketball, softball, tennis, golf, cross country, indoor and outdoor track, sailing, soccer and volleyball.

USF became a charter member of Conference USA in 1995, and will be joining the lakes of Syracuse, Pittsburgh and Georgetown in the Big East Conference beginning in 2005-06.

The athletic facilities at USF are second to none. We are excited about the addition of our brand new 103,000 square foot Athletic Training Facility slated to open in the spring of 2004. The Sun Dome, opened for the 1980-81 basketball season, is undoubtedly one of the most unique and dynamic multipurpose facilities in the Southeast. Lighted stadiums for the school’s softball, baseball, soccer, and track team provide pleasant conditions for both the athletes and the spectators. The school also has an 18-hole championship golf course, and varsity tennis courts. The Bulls football team competes in Raymond James Stadium, a state of the art stadium opened in 1998 and shared with the Tampa Bay Buccaneers. All USF students are offered free bus transportation from the Marshall Center to the stadium for all home games. Buses return to USF at the end of the game.

**University Bookstores**

The on-campus bookstores are owned by the University of South Florida and operated by Barnes & Noble College Bookstores, Inc. The primary function of the university bookstores is to extend services to the students, faculty, staff, alumni and visitors of the university. The USF Bookstore and the Health Sciences Bookstore are located on the Tampa Campus. The St. Petersburg Campus Bookstore is located on the Bayboro Campus. VISA, MasterCard, Discover and American Express are accepted at all stores. The USFCard may also be used for purchases in the Tampa Campus store.

The USF Bookstore

Location/phone: On Martin Luther King Plaza between the Marshall Center and the Student Services Building. Customer Service: (813) 974-5413, Toll-Free: (800) 873-8114

Usual Hours: Monday through Thursday from 8:00 a.m. - 7:00 p.m., Friday from 8:30 a.m. - 5:00 p.m. and Saturday from 10:00 a.m. - 2:00 p.m. Extended hours and additional registers open at the beginning of each term.

Web address: http://stampa.bksstore.com

The bookstore offers a wide variety of books and merchandise including: all course-required supplies and textbooks; a complete selection of writing implements, folders, paper and other class supplies; a wide selection of fiction, nonfiction and magazine titles; college clothing; class rings; imported souvenirs and gift items. Computers, as well as most popular software applications, are available at greatly reduced educational pricing, only to USF students, faculty and staff members.

Personnel are available to assist customers in finding and/or ordering course texts and general books. A continuous Buyback Program offers a source for cashing in used textbooks.

**Health Sciences Bookstore & Cafe**

Location/Phone: Medical Center (MDC 1050), (813) 974-4984

Usual Store Hours: Monday through Friday from 7:30 a.m. to 5:00 p.m.

Usual Cafe Hours: Monday through Friday from 7:30 a.m. to 2:00 p.m.

Store features medical textbooks and equipment, professional apparel, USF-imprinted clothing, greeting cards, balloons, gifts, candy, snacks, cold drinks and other items.

**St. Petersburg Bookstore**

Location/Phone: Coquina Hall (CQ 101) on the St. Petersburg USF Campus, (727) 553-1172

Usual Hours: Monday through Thursday 9:00 a.m. to 6:00 p.m. and Friday from 9:00 a.m. to 5:00 p.m.

The USF Bookstore at the St. Petersburg campus offers textbooks for St. Petersburg classes, general books, clothing, greeting cards, gifts, school supplies and a variety of general merchandise items.

**USF Dining Services**

Location Information: http://www.usfdiningservices.com

Due to the numerous renovations and planned dining locations, this information is subject to change. For the latest updates, please visit our website.

Sales Office (Marshall Center Lower Level Room 40) - Open a meal plan, start or add to a Declining Balance or ask questions. 813-974-4499 or 813-974-5922.

Great Food on Campus

No matter what you are looking for, USF Dining Services has all kinds of great places for you to eat on campus! Save time and money by opening a meal plan or Declining Balance account. Visit www.usfdiningservices.com or come by our Sales Office (lower level of the Marshall Center) for more information.

**All-You-Care-To-Eat Dining**

**Fresh Food Company (Argos Center)** – Offers unlimited servings from stations such as American Diner, Mediterranean Kitchen, Fresh Produce, and Accents. There is no kitchen - all stations feature exhibition-style cooking using only the freshest of ingredients!

**Andros Dining Center (Andros Center)** – Offers unlimited servings of home-style foods, grill items, pizza, salads, and desserts. Try out our late night breakfast buffet!

**A La Carte Dining**

**Tampa Room (Marshall Center 1st Floor)** – Choose from selections at Montague’s Deli, Chick-fil-A, Béné Pizza and Pasta, Salad Garden, and SUSHI.

**Einstein Bros. Bagels (Marshall Center 1st Floor)** – Offers unlimited bagels, sandwiches, Bagel Dogs, salads, desserts, and more.

**Freshens Smoothies (Marshall Center 1st Floor)** – Popular for ice cream and juice smoothies – all made with fresh fruit. Also try a variety of Freshens scoop ice cream and soft serve frozen yogurt.

**On Top of the Palms (Marshall Center 4th Floor)** – A sophisticated dining restaurant with a gorgeous view of the campus. Offers buffet selections, carving station, exhibition cooking, plated entrees, and assorted desserts.

**Starbucks (Sessums Mall)** – Get any of your favorite grilled sandwiches without leaving campus!
Business Administration Café (College of Business) – Grab a cup of joe, a smoothie, or pastries at the Java City or a gourmet sandwich from Montague’s Deli.

Subway (Cooper Hall) – Get any of your favorite Subway subs right here on campus!

C3 Convenience Store / Ben & Jerry’s (Andros Center) – Full convenience store for all of your grocery needs including beverages, snacks, frozen foods, dry goods, bulk candy and more! Or get a scoop of Ben & Jerry’s famous ice cream!

Express Shop (Engineering) – Offers a variety of grab-n-go items such as sandwiches, salads, sweet and salty snacks, and beverages.

Health Sciences Café (Health Science Bookstore) – Choose from a selection of grab-n-go items and get a cup of Java City coffee or smoothie.

USF I.D. Card

The USFCard is the official I.D. card of the University of South Florida. It provides electronic verification and validation for a variety of University services and functions. University policies require that all student, faculty and staff members carry the USFCard while on campus. Students may be denied services if they do not have one. The USFCard may also be used to make purchases from on-campus copiers, snack and vending machines equipped with card readers. Value can be added to the vend stripe at Cash-to-card machines located around campus and at most coin/card copiers in the Library. If a student has an account with the USF Federal Credit Union, the USFCard can be used as an ATM card. The USFCard can also serve as an ECCI calling card. For additional information: http://www.auxsvc.usf.edu/
International Affairs provides leadership, advocacy, development, and support for all central and college-based international activities. International Affairs works in collaboration with the colleges and regional campuses to promote international education, research, outreach, and service programs. International Affairs is comprised of the Center for Africa and the Diaspora, the Center for Latin American and Caribbean Studies, the Office of International Student and Scholar Services, the Office of Study Abroad and Exchanges, and the USF Linkage Institutes. It is also closely allied with the English Language Institute. International Affairs leads the development of academic program offerings (area studies) and services, international exchanges, partnerships with business, industry, and government both in the U.S. and overseas, and to establish the venues for international activities, and enhance faculty, student, and staff training and development.

Center for Africa and the Diaspora

Location/Phone: SVC 1087, (813) 974-4727
Email: ibl@ibl.usf.edu
Web Site: http://www.usf.edu/ibl

The Center for Africa and the Diaspora is a joint venture between the Institute on Black Life and International Affairs. The Center works with IBL and International Affairs to provide leadership and advocacy for research, program development and community service initiatives that examine and illuminate the contributions of Africans and other peoples of the African Diaspora, as well as problems and issues that affect their lives. Through educational, cultural and economic exchanges, symposia, and other programs, USF students, faculty, and scholars and the local community are linked in tangible and productive ways to the world’s African community on issues of global relevance. The Center fosters interdisciplinary partnerships and collaborative arrangements with a wide range of institutions and organizations related to Africa and the African Diaspora in Tampa Bay and around the world.

Latin American and Caribbean Studies Program

Location/Phone: CPR 474, (813) 974-3547
Email: lacs@iac.usf.edu
Web Site: http://web.usf.edu/~lacs

The mission of the Latin American & Caribbean Studies (LACS) program, as part of the University of South Florida’s strategic plan for internationalization, is to enhance, coordinate and promote teaching, research, and service activities related to Latin American, Caribbean, and U.S. Latino Studies. With the College of Arts and Sciences, the office offers a Certificate in Latin American and Caribbean Studies for undergraduate students who want to enhance their major degree program, a graduate certificate in Cuban Studies, and a Master of Arts (M.A.) Degree in Latin American, Caribbean and Latino Studies that emphasizes interdisciplinarity. A B.A. degree is in the planning stages. LACS provides advising and support services to students.

The program offers research grants to USF faculty and graduate students to encourage and support research, conference participation, and course development in all fields related to Latin American, Caribbean, and Latino Studies.

The program fosters greater knowledge of Latin American, Caribbean, and Latino issues through partnerships with community organizations as well as university departments to sponsor lectures and cultural programs open to the public throughout the year. Academic exchanges with Latin American and Caribbean educational institutions are coordinated by the Director of LACS. These exchanges foster the recruitment of international students and visiting scholars as well as development of joint research projects. LACS works/collaborates with more than 40 teaching faculty in several disciplines who are experts in Latin American, Caribbean and Latino studies. The staff consults with university administrators on issues related to the Latino community and Latino students to provide good university/community relations.

Office of International Student and Scholar Services

Location/Phone: CPR 469, (813) 974-5102
Email: daustell@iac.usf.edu
Web Site: http://web.usf.edu/iac/isss/

The University of South Florida welcomes qualified students from all over the world to our campus community. The resulting international educational exchange leads to the enrichment of our common life, the intellectual development of our students, the research endeavors of the University, and mutual understanding between the peoples of the world represented at USF. The ensuing exchange of life stories exposes all USF students, faculty, and staff to the likenesses and differences that exist between cultures, worldwide experiences, and ideas.

ISSS is the main administrative and advising office for approximately 2,500 foreign students and 200 visiting faculty members and researchers at USF. ISSS has many administrative duties, including the issuance and maintenance of all visa documentation for foreign nationals at the University. ISSS staff persons are experienced in cross-cultural counseling and crisis management in a cross-cultural setting. Advisement is available related to immigration matters, adjustment to life in the United States, culture shock, and other personal and academic matters. To further assist internationals in adjusting to life at USF, ISSS provides letters of enrollment and expenses, orientation, and immigration workshops. International students and scholars may also contact ISSS to get information regarding Tampa area activities, transportation, housing, tourist attractions, and Florida drivers’ licenses. ISSS also offers opportunities to be involved in outreach programs of community service groups such as the American Mentors Program, and Friends of Internationals.

Office of Study Abroad and Exchanges

Location/Phone: CPR 468, (813) 974-4314
Email: studyabroad@iac.usf.edu
Web Site: http://web.usf.edu/iac/studyabroad/

USF offers students the world as their classroom through its programs abroad. Whether a student chooses a short-term summer program, a semester or year spent at a university overseas, an internship, service learning or international co-op, there is a program for each student need. Studying abroad provides a unique learning environment, which extends and enhances courses taken on the home campus. Students can study abroad at any time in their academic careers. All disciplines offered at USF can be found in partner universities abroad, and so students have a wide range of study options.

USF overseas programs are designed to appeal to a wide audience. Students in any discipline can find a program of study to enhance their undergraduate degrees. Courses provide USF credit and thus students can be assured that if they plan carefully, they will continue to make steady progress towards graduation while they are abroad. Students seeking to round out their resumes with experiences abroad, which include internships, service learning, and co-op, will find options for them also. Several programs of overseas study lead to dual degrees, certificates, or double majors.

Many programs include organized cultural excursions, visits to significant sites, and opportunities to interact with local people. All include unparalleled opportunities for cultural immersion and in-depth insight into the host country.

USF study abroad programs range in length from one week (over winter or spring break) to a semester. A large number of faculty-led summer programs of 2-6 weeks provide the opportunity to concentrate study abroad in a summer session and help students fulfill the 9-hour summer school requirement. All
programs are developed as cost-effectively as possible, recognizing the financial concerns of today’s students. Federal and state financial aid can be applied to USF programs abroad, and some additional scholarship assistance is available through the Study Abroad Office.

For additional information or a copy of the individual program brochures, please visit the Study Abroad Office, or check the web site.

**The English Language Institute**

*Location/Phone:* CPR 443, (813) 974-3433  
*E-mail:* elimain@luna.cas.usf.edu  
*Website:* [http://www.cas.usf.edu/eli/](http://www.cas.usf.edu/eli/)

The English Language Institute in the College of Arts and Sciences offers intensive academic English as a Second Language (ESL) courses to non-native speakers of English. Students are given a placement test upon registering for the program. This test determines the proficiency level into which the student is placed, ranging from elementary, low-intermediate, high-intermediate, to advanced pre-university ESL.

Students attend non-credit classes 25 hours per week. International students on a USF I-20, F-2 and J-2 visa holders, as well as permanent residents may enroll part-time in the ELI. The integrated-skill, content-based curriculum includes training in listening comprehension, spoken English, grammar, reading, writing, culture, learning strategies, and a host of test prep elective courses (TOEFL, GRE, SAT, SPEAK) for upper-level students.

The English Language Institute is authorized to issue Certificate of Eligibility (I-20) to students who require a Student Visa (F-1) and who meet criteria set forth by the U.S. Bureau of Citizens and Immigration Services.

The cost of the program is $3,150.00 per semester, including health fee, activities fee, and a non-refundable application fee.
Florida Residency For Tuition Purposes

This notice summarizes the provisions of Florida School Code (SB20-E) Section 1009.21 and University Policy/Procedure concerning Florida Residency for tuition purposes.

In determining residency classification, students fall into one of two categories. They are either independent students (students not claimed on parent’s or legal guardian’s federal income tax statement or whose parents do not provide 50% or more of their support) or dependent students (students, regardless of age, who are claimed as dependents by parent or legal guardian on federal income tax statement or whose parents provide 50% or more of their support).

The law basically requires that a U.S. citizen/permanent resident alien/independent student or a dependent student’s parent/legal guardian has established and maintained a LEGAL Florida residence for at least twelve (12) months before the first day of classes of the term for which Florida residency status is sought.

USF is required to obtain documentation of 12 months’ legal residence before a student is classified as a Florida resident for tuition purposes. A student is required to request Florida residency in writing and submit supporting documents no later than the fifth day of classes in the term for which classification is sought.

The following is acceptable, nonconclusive evidence of the establishment of a legal residence in Florida. At least one such document must be dated/issued at least 12 months before the first day of classes of the term for which Florida residency is sought.

1. Proof of purchase of permanent home in Florida.
2. Declaration of Domicile.
3. Florida’s driver’s license.
4. Florida voter’s registration.
5. Florida vehicle registration.
6. Florida vehicle title.
7. Professional/occupational license in Florida.
8. Florida incorporation or other evidence of legal residence in Florida.

For more information regarding residency for tuition purposes please visit: http://www.registrar.usf.edu/Residency/

PLEASE NOTE: Rent receipts, leases, employment records, tax returns, school/college records are NOT evidence of establishing a legal Florida residence. Students who are dependent on out-of-state parents or who come to Florida for educational purposes are generally ineligible for reclassification to Florida status.

In rare cases, the law allows some students (e.g., military, public school teachers, etc.) who do not meet the basic requirements to be classified as Florida residents for tuition purposes. For more information about exceptional categories, contact the Admissions Office, the Office of the Registrar, or the Office of the General Counsel.

Fees

The levels of the Activity and Service Fee, the Health Fee, and the Athletic fee are determined on each campus by a student fee committee appointed by the President of the University and the Student Government President. The committee includes USF faculty and students with the majority of the committee being students. The fees may be reviewed on a yearly basis.

Registration fees are assessed in accordance with University Board of Trustees rules. All fees are subject to change without prior notice. The University will make every effort to advertise any such changes if they occur.

1. Initial Application Fee (Each application - not refundable) $30.00
2. Tuition

Schedule/Fee Statements are no longer mailed. Tuition is due by the fifth day of each term. To find out the amount of the total tuition (the amount will not reflect any payments made on the account), students can bring a photo ID to the Registration HelpDesk located in the Registrar’s Lobby, SVC 1034, and request a Registration Confirmation which will reflect total tuition and fees.

The student is responsible for paying fees in full by the appropriate due date stated in the particular term’s “Schedule of Classes.” Failure to do so may result in cancellation of the student’s registration. Fees paid by mail must be postmarked by the post office, not office metered, stamped, on or before the fifth day of the term. Checks are payable to USF. To avoid a $100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for the academic term. Upon approval for reinstatement, all fees and other debts owed to the University must be paid in full by cash, money order, check or credit card before reinstatement will be affected.

Current fees are posted in the Schedule of Classes (http://isis2.admin.usf.edu/sssearch/search.asp) and on the OASIS web site (http://usfonline.admin.usf.edu/). 

2. Students who only register for a co-op assignment must pay a minimum of one (1) hour at the level of the co-op assignment.
3. Cashier’s Office Hours - Regular Registration - See regular registration dates and times in “Schedule of Classes.” Regular Cashier’s Office hours are Monday, Thursday, Friday from 9:00am - 5:00pm and Tuesday, Wednesday from 10:00am - 6:00pm.
4. Tuition fee payment should be mailed to:
   Tuition/Purchasing and Financial Services
   University of South Florida, ADM 147
   4202 E. Fowler Avenue
   Tampa, Florida 33620-5800
5. Off-Campus College of Education Courses

Students enrolling for off-campus (Continuing Education) courses will be assessed fees according to the fee structure “a” above. Continuing Education courses are designated by the “700 series” section number. The “Schedule of Classes,” which is printed each semester, should be used as a reference for updated information.

3. Late Registration Fee

All degree seeking students who initiate (i.e., those students who have not enrolled for any courses during early or regular registration) their registration during the late registration period will be automatically assessed a $100.00 late registration fee.

All non-degree-seeking students who have not registered for any courses by the end of the first week of classes will be automatically assessed a $100.00 late registration fee.

4. Financial Aid Disbursement

Upon satisfaction of eligibility criteria, financial aid will be credited to student accounts after the drop/add period is over. Monies in excess of charges will be mailed to students’ local addresses.

5. Cancellation for Non-Payment of Fees

Students not on an authorized deferred payment of fees and who have not paid their tuition fees in full by a specified date (per “Schedule of Classes”) will have their registration for that term cancelled. This means, specifically, that a student will receive no credit for any courses taken during that term.

6. Intern Certificate of Participation

Individuals who have supervised interns may register for courses during a term by presenting their intern Certificate of Participation. The Intern Participation Certificate effective July 1, 1997 states that certificate holders are entitled to a waiver of only matriculation fees for a maximum of six (6) credit hours instruction during a single term. Certificates are
Florida Prepaid College Program

 Fees must be paid or postmarked by the U.S. Post Office (not office metered) by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail.

7. Faculty and Staff Educational Assistance Program

The University has developed a program to provide a success
cessor to the former tuition waiver benefit. Please check with
Human Resources regarding this benefit.

8. Tuition Deferment for VA Students

Students receiving VA benefits who have applied in writing
no later than the date specified in the “Schedule of Classes”
for the deferment in Veterans Services have until a specified
date (see Schedule of Classes) to pay tuition in full.

9. Florida Prepaid College Program

Students who are eligible to receive benefits under this
program are responsible for the local portion of fees. This fee
must be paid or postmarked by the fifth day of the term to
avoid being cancelled or charged the $100.00 late payment fee.

10. Mailed Payments

To avoid cancellation of registration or a $100.00 Late
Payment Fee, all fee payments must be postmarked, by the
post office not office metered, by the applicable fee
deadline listed in the Academic Calendar.

11. Returned Registration Checks

A student’s current registration is subject to cancellation if
the check presented in payment of those fees is returned to
the University unpaid. Dishonored fee payment checks must
be redeemed within 10 calendar days to avoid cancellation
of a student’s current registration. A $100.00 Late Payment
Fee and a $25.00 administrative charge will be assessed
on any registration check returned unpaid to the Univer-

Refund of Tuition/Fees Payment
Release of Tuition/Fees Liability

The following refunds, less deductions for unpaid debts to
the University, are authorized. A Refund Request form must be
completed and presented to Cash Collections, ADM Room 125,
in the Division of Purchasing and Financial Services to initiate
the refund process. A two-week waiting period is observed for
each refund to be sure checks have cleared.

a. 100% of registration fees and tuition will be refunded if notice
of withdrawal from the University is approved prior to the end
of drop/add period and written documentation is received from
the student.

b. 25% of registration fees and tuition paid less building
and capital improvement fees, will be refunded if notice of with-
drawal from all courses from the University is approved prior
to the end of the fourth week of classes (summer term is prior
to the end of the third week of classes) and written documen-
tation is received from the student.

Fee Adjustment Request After Fifth Day of the Term

Effective January, 1989, USF approves a refund of 100% of
the tuition and registration fees if a student withdraws or drops
courses due to circumstances determined by the university to
be exceptional and beyond the control of the student. Requests
for fee adjustments must meet one of the conditions below to be
considered.

a. 100% of registration fees and tuition will be refunded when a
student withdraws or drops a course due to circumstances
determined by the University to be exceptional and beyond
the control of the student, including but not limited to:

   1) Illness of a student of such severity or duration, as
      confirmed in writing by a physician, to preclude comple-
tion of the course(s).

   2) Death of the student or death in the immediate family
      (parent, spouse, child or sibling) as confirmed by docu-
      mentation indicating the student’s relationship to the
      deceased.

   3) Voluntary call to active military duty.

   4) A situation in which the student is in error as confirmed
      in writing by an appropriate University official.

   5) Other documented exceptional circumstances beyond
      the control of the student that precluded completion of the
      course(s) accompanied by letter of explanation and ap-
      propriate documentation.

b. Students who receive financial aid and subsequently change
their enrollment status that results in a refund in accordance
with this subsection, may have all or a portion of their refund
returned to the University’s financial aid programs in accor-
dance with the Financial Aid Policy on Refunds and Repay-
ments.

Payment of Accounts Due the University

Charges against students for loss or breakage of University
equipment, books, fines and other charges are due immedi-
ately. Delinquent accounts may be considered sufficient cause
for cancellation of registration. University regulations prohibit
registration, or release of transcript, diploma, or grades for any
student whose account with the University is delinquent. Pay-
ments should be brought into the Cashier’s Office in the Admin-
istrative Building or mailed to Purchasing and Financial Ser-
VICES, USF, 4202 E. Fowler Avenue, Tampa, FL 33620-5800 by
the appropriate deadline.

Financial Aid

In addition to finding a wealth of information on the Web
regarding your financial aid, you can apply for aid and monitor
your aid application at USF via the Financial Aid Web: http://
www.usf.edu/finaid and via OASIS: http://
usfonline.admin.usf.edu/

Complete and submit the FAFSA online at http://
www.fafsa.ed.gov. Be sure to list the University of South Florida,
school code #001537, as a school to receive your information.
Since many programs are funded on a limited basis, it is to
your advantage to apply early. Priority application dates and
detailed information regarding financial aid are provided each
year in the Financial Aid Handbook and on our Web site.
Conduct a nationwide scholarship search: http://
www.fastweb.com/ and check out USF’s scholarship informa-
tion.

The Office of Financial Aid communicates important infor-
mation regarding your aid via e-mail throughout the year.
Therefore, it is extremely important that you ensure that your
current e-mail address is in OASIS.

Tuition, housing and meal plan deferments are available to
qualified financial aid applicants. For more information, see
your Schedule of Classes.

Short-term loans are also available for limited use. The
deadline for deferred tuition payment and details about short-
term loans are printed in the Schedule of Classes.

Because we are required by federal regulations to verify the
last date of attendance in classes, at the end of each semester,
the Office of Financial Aid mails letters to financial aid recipients
who appear to have unofficially withdrawn. (Your semester
grades are all F, U, or I.) Your last date of attendance may be
considered the last date you submitted an assignment or took
an exam, or your last date of actual attendance in classes. This
letter requires a response within 14 days, or it will be assumed
you did not attend beyond the 50% point of the term. This may
require you to repay a portion of federal financial aid received.

Each campus has a financial representative. Tampa (813)
974-4700; Lakeland (863) 667-7028; Sarasota (941) 359-4330:
St. Petersburg (727) 553-1128. If you are outside the calling
area, call us at 1-877-USF-BULLS.
Academic Scholarships
Academic scholarships are administered by a number of different offices within the University.
1. The Office of Undergraduate Admissions administers a variety of different scholarships for first-time-in-college students. All first-time-in-college students interested in academic and minority scholarships should contact the Office of Undergraduate Admissions directly.
2. The Office of Adult and Transfer Student Services administers a variety of different scholarships for transfer students. All transfer students interested in academic and minority scholarships should contact the Office of Adult and Transfer Student Services directly.
3. All financial aid applicants are automatically considered for scholarships administered through the Office of Financial Aid, if applications are completed by the priority application dates published each year in the Financial Aid Handbook.
4. The individual colleges of the University (the College of Business, the College of Education, etc.) administer some scholarships directly through the Dean’s Office in each college. New students and transfer students are advised to contact the USF Office of Undergraduate Admissions or the Office of Adult and Transfer Student Services first, and then the individual colleges regarding scholarship opportunities.
5. For non-Florida residents, a limited number of out-of-state tuition waivers are available based on academic performance. New students and continuing students are eligible to apply for these awards. New students will be considered for the waiver based on their performance in high school or transfer institution. Continuing USF students will be considered for the waiver based on cumulative academic performance at USF. For information contact the Scholarship Coordinator in the Office of Undergraduate Admissions.

Parking and Transportation
Do you have to have a parking permit?
Parking permits are required to park at the University of South Florida 24 hours a day, 7 days a week, including holidays. Each person may purchase only one vehicle permit (an additional permit for motorcycle, bicycle, and Park-n-Ride is allowed). Permit campus designation is based on campus/class location. If you don’t have a permit, you must park at a metered parking space or a timed space. (For additional permit information, call 974-3990, Option #1, or visit our website www.usf.edu/parking_services.

Do Visitors need a parking permit?
Yes. The daily parking fee is $3.00. The fee is applicable to visitors and event attendees who park in visitor lots as defined in the parking brochure. Visitors may obtain up to 3 courtesy Park-n-Ride permits per semester and take advantage of the Fare Free Campus Shuttle to travel to their destinations on campus. Faculty, staff, students and vendors are not eligible for these permits.

How do you obtain a permit?
Parking permits may be purchased on the Tampa Campus at the Campus Information Center (on Leroy Collins Blvd., off of Fowler at the main entrance) or the Parking and Transportation Services Building PSB101. Daily visitor parking permits can also be purchased from parking permit machines located within designated visitor parking lots. On the St. Petersburg Campus permits may be purchased at 140 7th Ave. South, ONE 304 (SW corner of 5th Ave., South & 1st Street South). On the Sarasota campus permits may be purchased at Building D, PMD127. Parking maps and brochures are available with details or lot designations.

Is there a bus on campus?
Shuttle bus service is provided FARE FREE to USF faculty, staff, students and visitors. Routes cover the entire USF Tampa Campus, and some campus housing areas north of campus. The D Route connects many Hartline routes at the University Area Transit Center to the campus as well as connecting the University Mall. A USF ID Card is required to board any shuttle off campus. Shuttle maps and schedules are available detailing route information. For additional information call (813) 974-6902 or visit our website www.usf.edu/parking_services.

You may also board any regular Hartline bus route, using your USF card. For route information for Hartline call (813) 254-4278. You may also follow the link on our web site.

Bull Runner Hours of Operation:
Monday - Thursday 7 am - 9:30 pm
Last pick-up at Mall - 9:00 pm
Friday 7 am - 5:30 pm
Last pick-up at Mall - 5:00 pm

How can I get help when I have a problem with a vehicle?
Low Tire? Keys locked in car? Need to jump-start your car? Call Parking and Transportation Services at 974-3990, Option #5. This FREE service is provided from 8:00 am until 8:30 pm Monday through Thursday and Friday 8:00 am until 4:30 pm (except Holidays).

What happens if you get a parking ticket?
Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, altering a parking permit or being in possession of a lost or stolen permit is a serious violation and will result in immediate immobilization or towing of the vehicle and possible revocation of campus parking privileges. If you receive a parking citation and believe that extraordinary or mitigating circumstances warrant a waiver then you may petition Parking and Transportation Services within 14 days for reconsideration. Respond to parking citations within 14 days of issuance to avoid late fees. Most common citations are for no permit, expired parking meter, and parking out of assigned area. For additional information call (813) 974-3990, Option #1, or visit our website www.usf.edu/parking_services.

Questions?
Additional information may be obtained by calling 974-3990, Option #1, or by visiting the Parking and Transportation Services website located at www.usf.edu/parking_services.

Customer Service - Main Office Hours of Operation
(Expanded hours during RUSH) (subject to change):
Mon, Tues, Wed, Thurs
7:00 am – 5:30 pm
Friday
Closed

Campus Information Center
Lobby Hours of Operation
Mon, Tue, Wed, Thurs
7:30 am - 6:00 pm
Friday
7:30 am - 5:00 pm

Campus Information Center
Drive Thru Hours of Operation
Mon, Tue, Wed, Thurs
7:00 am - 6:00 pm
Friday
7:00 am - 5:00 pm
Special Services

Department of Veterans Affairs (VA) Benefits

USF is approved for the education of veterans, eligible dependents, members of the selected reserve, and active-duty personnel who are eligible for benefits under public laws now in effect. All degree programs currently offered at USF are approved by the State Approving Agency.

Students who may be eligible for benefits are urged to contact Veterans Services for information, procedures, and forms as early as possible. To initiate, change, or renew benefits at USF, a request must be submitted through that office.

To be eligible for full-time VA benefits at USF, undergraduate students must enroll for 12 or more semester hours, and graduate students must enroll for 9 or more semester hours each normal academic term.

VA regulations require that students take only courses that are applicable to their degree program or other approved program and make satisfactory progress toward their degree. Students should consult the “Handbook for VA Students” (available at their local USF Veterans Services office) or log on to USF Veterans Services web site: http://usfweb.usf.edu/vetserve for information on various programs/services, and VA rules and regulations. Under no circumstances will the VA pay benefits to a student taking a course by audit. It is the student’s responsibility to inquire concerning all VA rules and regulations and to report any change in number of registered hours, change of majors, or adding a double major and/or minor which affects his/her benefits. Additionally, VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

Veterans with a service-connected disability approved for benefits under Chapter 31 may contact the Office of Student Financial Services no earlier than one week prior to the start of classes for a book and supplies voucher. Other VA benefits include additional amounts of compensation and pension, which may be payable to eligible veterans and widows or widowers of veterans for the enrollment of dependent children. The students, parents, or guardians are responsible for notifying the VA Regional Office directly of enrollment and termination of enrollment. The VA toll-free number is 1-888-442-4551.
It is recommended that both doses of measles vaccine be given and the second dose no less than twenty-eight (28) days later. If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry (measles) and of any doses of rubella immunity. First birthday or Laboratory (serologic) [IgG] evidence of immunity to Rubella only if they have documentation of at least one of the following: 1. Documentation of immunization with two (2) doses of live measles virus vaccine on or after the first birthday. Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.

2. Laboratory serologic [IgG] evidence of measles immunity.

3. A written, dated statement signed by a physician on his or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician’s opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine. Vaccinations and blood titers are available at Student Health Services.

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.

- For religious exemption applications, contact Student Health Services.
- For off-campus term exemptions, contact Registrar 974-2000.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.

3) Requirements for Students Residing on Campus

Florida Statute 339, Section 1006.69 An individual enrolled in a post secondary educational institution who will be residing in on-campus housing shall provide documentation of vaccinations against meningococcal meningitis and hepatitis B unless the individual, 18 years of age or older or the individual’s parents, if the individual is a minor, decline the vaccination by signing a separate waiver for each of these vaccines, provided by the institution acknowledging receipt and review of the information provided.

SUS Health Insurance Requirement for International Students

The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students register by appointment for their next semester’s courses during the preceding term, either by web or in person (regional campuses only). Appointment times and instructions for all registration periods are published in the Schedule of Classes for the appropriate semester.

Prior to initial registration, all newly admitted undergraduate students and readmitted former undergraduate students returning are required to participate in an orientation/academic advising program on the USF campus where they will take all or the majority of courses. Newly admitted students and readmitted Former Students Returning receive Orientation/Academic Advising/Registration instructions from the USF Office of Orientation.

Registered students may make schedule adjustments in the regular registration period during the preceding term or in the drop/add period during the first week of classes. (Deadline information is available in the Academic Calendar.)

Degree-seeking students who do not register prior to the first day of classes may late-register the first week of classes. A $100.00 late registration fee is charged during this week. (See the section on fees for additional information and the appropriate term’s Schedule of Classes for dates.) To avoid cancellation of registration, fees are due and payable for all registered courses of record on the fifth day of classes (end of drop/add period). (See Academic Calendar for dates.)

NOTE: A Mandatory Medical History Form is required for all students (regardless of age). According to Florida Administrative Code Rule 6C-6.001(4), “Each student accepted for admission shall, prior to registration, submit a form, provided by the institution, a medical history signed by the student.”
Academic Advising for Undergraduate Students

USF seeks to guide all students in selecting programs and courses best suited to their personal abilities, educational interests, and career objectives. Students who have been admitted to the University and their major area of study may visit their designated academic advising office housed in each of the six colleges offering baccalaureate degrees. Others who have not yet declared a major or students taking lower-level coursework in a limited access program should visit the Center for Academic Advising. This Center for Academic Advising also serves as an initial point of contact for non-admitted, prospective, and/or non-degree seeking students who need information about the University’s academic structure.

All students are encouraged to establish an advising relationship with a college or the Center for Academic Advising and periodically visit their advisors to keep abreast of any policy, procedural, or curriculum changes that may affect them. In fact, some colleges require advisor approval of student programs each semester. It is important for students to keep in mind that although the University provides advising services to assist students with academic planning, it is each student’s responsibility to see that all graduation requirements are met.

Orientation and Initial Advising

It is necessary that all students attend the University-mandated Orientation Program. The purpose of this initial contact is to assign an academic advisor and to provide the advising unit with routine information to assist it in collecting and maintaining the necessary records to assure the student’s proper progress toward education goals. Transfer students should bring an unofficial or student copy of their transcript(s) at the time of orientation.

Advising for Limited Access Programs

Students are cautioned that admission to the University does not imply admission to all the programs and courses offered by the individual colleges; this is especially true with respect to colleges with limited access programs. Colleges such as Business, Education, Engineering, and Nursing have been designated as limited access colleges and require completion of certain prerequisites before a student may declare a major in one of them. It is important that students check the college sections of the catalog for advising and admission requirements. Students planning to enter a limited access program should be aware that their admission by the college may be denied or delayed and should be prepared with alternative plans of action. Students seeking admission to limited access programs must demonstrate successful academic progress toward meeting the limited access requirements in order to remain undeclared beyond 45 semester hours of credit.

Lower-level transfer students (entering the University with fewer than 60 semester hours) and upper-level transfer students (entering with 60 or more semester hours) who do not meet the requirements of a limited access major are assigned initially to the Center for Academic Advising. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to the college of that major for advising.

Advising for Non-Limited Access Programs

In the case of non-limited access colleges, students may declare a major by completing a form in the appropriate college advising office, usually during one of the orientations required by the University. Students who do not wish to declare a major or who cannot meet the necessary prerequisites of a limited access major are advised by the Center for Academic Advising. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to the college of that major for advising.

Course Attendance at First Class Meeting

This policy has been put into effect so that USF may effectively utilize classroom space and to insure that all students have maximum opportunity to enroll in classes where demand exceeds availability of seats.

Students are required to attend the first class meeting of undergraduate courses for which they registered prior to the first day of the term. Names of students who register prior to the first day of the term are printed on the first class roll for each course section. The first class roll is used by professors to drop students who do not attend the first day of class. Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement. Students who add courses or late-register during the first week of classes will not be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor. To avoid fee liability and academic penalty, the student is responsible for insuring that he/she has dropped or been dropped from all undesired courses by the end of the 5th day of classes.

This policy is not applicable to courses in the following categories: Bachelor of Independent Studies (BIS), Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading, or study, individual research, thesis, dissertation, internship, practicums, etc.). Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.

Add

After a student has completed his/her registration on the date assigned, he/she may add courses until the add deadline specified in the Academic Calendar. See the appropriate semester’s University Schedule of Classes for detailed instructions and dates.

Drop

A student may drop a course(s) during the regular registration and drop/add periods (first five days of classes). No entry of the course(s) will appear on any permanent academic records and full refund of fees is due for course(s) dropped within those periods.

A student may also drop a course(s) between the second and tenth week of the semester (except for Summer sessions - see Schedule of Classes for dates). Registration fees must be paid for the course(s) and the academic record will reflect a “W” grade for the dropped course(s). Courses dropped after the ninth week deadline (see Academic Calendar for date) will result in an automatic “F” grade.

Auditing Privileges and Fees

A student who wishes to sit in on a class to review the course material may do so; however, the student is not allowed to take exams, earn grades, or receive credit.

The student’s status for that class is an audit and his/her presence in the classroom is as a listener. Audit status must be obtained only during the first five days of the term by filing an Audit Form and a date-stamped permit from the college/department on the campus where the course is being offered, with the Registrar’s Office. IN-STATE fees are assessed for all audit courses.

Cancellation Before First Class Day

Students may cancel their registration by notifying the Office of the Registrar in writing prior to the first day of classes. If fees have already been paid, the student may request a full refund of fees from the Office of Purchasing and Financial Services.
Withdrawal

A student may withdraw from the University without academic penalty during the first ten weeks of any term (except for Summer Sessions). He/she must submit a completed Withdrawal Form to the Office of the Registrar. No entry is made on the academic record for withdrawals submitted during the first week of the term. All subsequent withdrawals (through the tenth week of classes in the Fall and Spring Semesters) are posted to the academic record with "W" grades assigned to the courses. Withdrawal deadlines for the Summer sessions are listed in the Academic Calendar and are published in the **Schedule of Classes** for the Summer Term. Students who withdraw may not continue to attend classes.

Students who withdraw during the drop/add period as stated in the Academic Calendar may receive a full refund of fees. All refunds must be requested in writing from the Office of Purchasing and Financial Services. No refund is allowed after this period except for specified reasons. See "Refund of Fees" under Financial Information for complete details.

Repeat Course Surcharge

Initiated by the Florida Legislature (H.B. 1545 of 1997) to reduce costs, all state universities must monitor undergraduate student progress and charge students the "full cost of instruction" for certain repeats of undergraduate courses. This policy became effective Fall 1997 and requires USF to charge students a substantial per credit hour surcharge when they attempt a course three or more times at USF, unless the course is specifically designed to be repeated or is required to be repeated by their major. Requirements to earn a passing or higher grade than previously earned in a course do not exempt the surcharge. Students will be required to pay the surcharge in addition to the appropriate in-state or out-of-state tuition rates. It is important to note that all attempts count, including withdrawals after the first week of classes and courses with incomplete grades.

Effective Fall 2000, the University, under the authority of Department of Education Rule 6C07001(4)(c) and Statute 240.124, F.S., may grant exceptions to this rule based on extenuating circumstances and financial hardship. However, the University may only approve one appeal per course. The exceptions included in the Statute are extenuating circumstances and financial hardship and are defined as follows:

- Extenuating circumstances are those circumstances determined by the University to be exceptional and beyond the control of the student and may include but not be limited to serious illness, documented medical condition preventing completion; death of an immediate family member, involuntary call to active duty; university error, other emergency circumstances and financial hardship.

The criteria used by the universities for determining financial hardship should include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

The student must fill out a Fee Adjustment Request Form and indicate the request is for a waiver of the repeat course surcharge. They must also submit a statement that explains their request and provide all documentation relating to it. The completed form with documentation should be submitted to the Office of the Registrar for consideration. If a student's request is denied, they may appeal the decision to the Office of the Dean of Undergraduate Studies.

Transcript Information

Transcripts of a student's USF academic record may be released only by authorization of the student online at http://usfonline.admin.usf.edu/ or in person or by writing to the Office of the Registrar. By law, requests must include the student's social security number and a signed consent form. Transcripts may be received by mail, fax, or on a CD. Transcripts are normally mailed or ready for pick-up within two working days after the request is received. Transcripts are only released to the student online at http://usfonline.admin.usf.edu/, in person at the Registrar's Office or by mail. Transcripts are not released by fax or telephone. To order transcripts by mail, send payment ($8.00 per copy, check or money order only) and Request Form or letter to:

- Transcript Clerk, Registrar's Office
- USF - SVC 1034
- 4202 E. Fowler Avenue
- Tampa, FL 33620-6950

To order a transcript in person, hand-carry payment (check, money order or cash) and Request Form or letter to a USF Cashier's Office at any of the following Campus locations:

- Tampa - ADM 131
- St. Petersburg - Davis Hall, Rm. 129
- Sarasota - Lobby, Building D
- Lakeland (Drop Box) - Bldg. E, Rm. 2127

Transcript request forms are available in these locations. Students may complete the request process in one stop at the cashier's office.

Note: Transcript fees are subject to change.

Student Records Policy

Pursuant to the provisions of the Family Educational Rights and Privacy Act ("FERPA"); 20 USC Par. 1232g, 34 CFR Par. 99.1 et seq. Florida Statutes Sub. Par. 228.093 and 240.237 and USF Rule 6C4-2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their education records
4. Report violations of FERPA to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of Rule 6C4-2.001, Florida Administrative Code.

5. Copies of the University’s student records policy, USF Rule 6C4-2.0021, may be obtained from:
   - University Registrar or USF Agency Clerk
   - SVC 1034
   - Office of the General Counsel
   - 4202 Fowler Avenue
   - 4202 Fowler Avenue - ADM 254
   - Tampa, Florida 33620
   - Tampa, Florida 33620

Release of Student Information

Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the following types of information, designated by law as “directory information,” may be released via traditional media of USF (according to USF policy):

- Student name, local and permanent addresses, telephone listing, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, full- and part-time status, and the most recent previous educational agency or institution attended, and other similar information.

The University Director of Admission is designated annually by the University, contains only the following information, however: student name, local and permanent address, telephone listing, classification, and major field of study. The Directory and other listings of “directory information” are circulated in the course of University business and, therefore, are accessible to the public, as well as to students, faculty, and staff.
Students must inform the USF Office of the Registrar in writing (forms available for that purpose), if they wish directory information to be withheld. Such requests must be received within the first two (2) weeks of the semester and will remain in effect until the student has not been enrolled at USF for three (3) consecutive terms.

Notification to the University of refusal to permit release of “directory information” via the University Directory must be received no later than the end of the first week of classes in the Fall Semester.

Confidentiality Policy

In the interest of openness and building trust with our students, USF now affords students the right to limit data usage and sharing of their information, without having to request non-disclosure of directory information under the Family Education Rights and Privacy Act (FERPA). Pursuant to the requirements of FERPA, the following types of information designated by law as “directory information” can be released, if the student has not requested privacy or non-disclosure: Name, Date of Birth, Address, Telephone, Major, Dates of Attendance, Enrollment Status, Degrees, and Prior Institutions Attended. *All other student data is considered to be protected.

Under new University policy which is less restrictive than Privacy under FERPA, students may now request confidentiality as a way to “opt out” from having their personal contact information (i.e. name, address, telephone) disclosed to vendors, credit card companies, or outside agencies that are not providing a service that would otherwise be performed by the University. To request confidentiality, go to: https://www.registrar.usf.edu/privacy/.

Academic Record

The student’s academic record shall not be changed after the student has graduated.

Administrative Holds

A student may be placed on administrative hold by failure to meet obligations to the University. When a student is on administrative hold, he/she may not be allowed to register, receive a diploma, or receive a transcript. Settlement of financial accounts must be made at the University Cashier’s Office. Each student placed on administrative hold should determine from the Office of the Registrar which office placed him/her in this status and clear the obligation with that respective office.

Student Information Changes

Notifications regarding changes of address, name, residency, and citizenship should be filed promptly with the Office of the Registrar.
Academic Regulations and Information

Semester System
USF operates on a semester system. Semesters begin in August and January with Summer Sessions beginning in May and June. See Academic Calendar for appropriate dates.

Academic Load
The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term) unless approval is received from the dean or an authorized representative of the student’s college. Students classified as Undecided must receive approval from the Center for Academic Advising. In the Fall or Spring Semester 12 hours is the minimum load for a student to be considered as full-time.

Full-time Undergraduate Student Definition - Summer Term
Sessions “A” & “B” (6 weeks)
For: Academic purposes
For: Financial aid purposes
6 hours or more each session must enroll for 12 hours (undergraduate) in any combination of Sessions “A,” “B” and “C.”
Session “C” (10 weeks)
9 hours or more must enroll for 12 hours (undergraduate) in any combination of Sessions “A,” “B” and “C.”

Students receiving Veterans’ Administration benefits should confirm their Summer Term enrollment with the Office of Veterans’ Services or Veterans’ Coordinator.

Undergraduates may not enroll in 6000-level courses or higher without approval of the college/department in which the course is offered.

Availability of Courses
USF does not commit itself to offer all the courses, programs, and majors listed in this catalog unless there is sufficient demand to justify them. Some courses, for example, may be offered only in alternate semesters or years, or even less frequently if there is little demand.

Transfer of Credit To USF
USF will accept credits only from those institutions accredited by one of the accrediting agencies/commissions recognized by USF. However, USF reserves the right to deny credit for specific courses. The receipt and evaluation of total transfer credit are the responsibility of the Office of Admissions. The college of the student’s major will determine which courses are applicable toward a specific degree and will assign equivalent courses (see Evaluation of Transfer of Credit under Admissions and Related Matters).

USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the associate of arts degree, or in certain prior-approved areas the associate of science degree, before transferring. Special details for students who do not plan to complete the associate degree requirements are available from the Office of Admissions. Also, all transfer students should refer to other entries about undergraduate transfers in the Admissions section of this catalog.

Former Student Returning
The Office of Admissions will evaluate the acceptability of transfer of credits taken at regionally-accredited institutions since last enrolled at USF. The college of the student’s major will determine which courses are applicable for his/her major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

Continuously Enrolled Degree-Seeking Student
The Office of Admissions will determine the acceptability of transfer credits for continuing, degree-seeking students who take courses at regionally-accredited institutions. However, PRIOR WRITTEN APPROVAL MUST BE OBTAINED from the college of the student’s major if these credits are to be applicable to the USF degree program. A properly-executed Transient Student Form or Cross Enrollment Form should be used for this purpose.

Declaration of Major
First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. However, some programs require completion of particular courses within the first two years. For instance, students with majors in fine arts and engineering should begin specific courses in their first year and are best served by declaring their majors upon entering the university. In other fields, such as nursing, natural and physical sciences, education, and business, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those majors. In other fields, students may make early decisions about those majors as well.

Unless restricted by limited access requirements, all students are expected to be officially declared in a major by the time they have completed 45 semester hours of course work. Beginning Fall Semester 2004, FTIC students who have not declared a major and who have completed 45 or more credits of college level coursework will not be allowed to register for further credit coursework at the university until they have declared a major or pre-major.

Transfer students, especially those who have completed 60 hours of work prior to transferring to USF, should declare their majors upon entry to the university. Transfer students who have not declared a major and who have completed 75 or more credits of college coursework will not be allowed to register for further credit coursework at the university until they have declared a major or a pre-major. Students transferring in 75 or more credits will be required to declare a major or pre-major at the time of admission.

Many resources are made available by the university to assist students in making career decisions and choosing their majors. Information about these resources is readily available from academic advisors. All entering FTIC students who have not made a career/major decision upon entry to the university will be encouraged to enroll in the University Experience course.

College Level Academic Skills Test
The College Level Academic Skills Test (CLAST) is a part of Florida’s system of educational accountability. CLAST is a state-mandated achievement test that measures attainment of communication and mathematics skills expected of students completing their sophomore year in college. These skills were identified by the faculties of community colleges and state universities and adopted by the State Board of Education. A student must pass the CLAST or achieve alternate criteria to receive an Associate in Arts or a baccalaureate degree from any Florida public institution.

Please Note: CLAST exemptions or waivers are not acceptable for admission to or graduation from programs in the College of Education. Refer to the Office of Evaluation and Testing, SVC 2054, for the current policies on CLAST.

Students who have already earned a baccalaureate degree from a regionally-accredited institution are exempt from the CLAST requirement at USF.

The State Board of Education has established minimum CLAST score standards for awarding the Associate in Arts
degree and for the baccalaureate degree from October 1, 1992 as follows: Reading, 295; English Language Skills, 295; Mathematics, 295; and Essay, 6.

CLAST may be taken by undergraduate, degree-seeking students who have earned 18 semester hours or the equivalent and who apply to take the test on or before the deadline established for registration. Students at USF are required to take the CLAST by the time they complete 45 semester hours. First-time-in-college and lower-level transfer students are encouraged to take the CLAST as early as possible. Transfer students should take the CLAST the first semester they are enrolled as degree-seeking students if they have already exceeded the 45 hours from previous institutions.

If one or more subtests of the CLAST have not been passed or exemptions have not been awarded by the time a student completes 70 semester hours, the student may not register for classes until he/she has met with the appropriate college CLAST advisor. A course or method of preparation to remediate content covered in the failed subtest(s) will be selected and required. Further registration may be restricted for failure to attend the designated preparation.

If a student has completed 36 hours of upper level (3000 and 4000) courses after the first attempt to pass CLAST and has not satisfied the CLAST requirement, registration will be restricted to 1000 and 2000 level courses. Appropriate preparation will be determined in consultation with the College CLAST advisor. Further registration at USF will be denied for failure to complete the required preparation.

Students may receive exemptions for the CLAST examination by achieving specific EACT or SAT-I, or by earning a 2.5 GPA in specific courses. Exemptions are awarded for the communication subtests of CLAST if an SAT-I Verbal score of 500 or an EACT English score of 21 and an EACT Reading score of 22 are achieved. Exemptions are awarded for the mathematics CLAST subtest if an SAT-I Mathematics score of 500 or an EACT Mathematics score of 21 is earned. Students receive exemptions from the CLAST communication subtests if a 2.5 GPA is achieved in at least six hours of ENC 1101 and ENC 1102. Exemptions from the CLAST mathematics subtest are issued when students have earned a 2.5 GPA in at least six hours of MAC 2102 or higher, MGF 2202 or higher and STA 2022 or higher. Any combination of these courses is permissible, providing only one statistics course is used to calculate the six-hour mathematics GPA.

Waivers from individual CLAST subtests are granted in two situations: 1) a specific documented learning disability prevents the student from achieving the communication skills set forth in SBE 6A-10.0316 (consult with Student Disability Services) and; 2) a student has successfully completed courses related to a specific subtest, but has failed to satisfy the CLAST requirement with a passing score or an exemption. After failing a CLAST subtest five times and successfully completing three terms of documentable preparation and a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to Evaluation and Testing (SVC 2054). A list of approved courses to satisfy this requirement is available in Evaluation and Testing.

Courses to Satisfy Rule 6A-10.030
("Gordon Rule")

Prior to receiving an Associate of Arts degree from a public community college or university or a Bachelor’s degree from a public university, a student shall complete successfully the following in the areas of communication and computation:

1. Communication: Twelve semester hours of English courses in which a student is required to demonstrate writing skills. For the purpose of this rule, an English course is defined as any semester-length course within the general study area of the humanities in which the student is required to produce written work of at least 6000 words.

2. Computation: Six semester hours of mathematics coursework at the level of college algebra or above. For the purpose of this rule, applied logic, statistics and other such computation courses, which may not be placed within a mathematics department, may be used to fulfill 3 hours of the 6 hours required by this section. In order to receive credit for fulfillment of 6A-10.030, students must receive a grade of “C-” or higher in each course (no “S” grades).

In order to follow the specifics of 6A-10.030, USF has designated the following courses in which the student may demonstrate the writing and mathematical skills as set forth in this rule.

Communication (12 semester hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience [In Africa and Its Diaspora]</td>
<td>3</td>
</tr>
<tr>
<td>AFA 4150</td>
<td>Africa and the United States</td>
<td>3</td>
</tr>
<tr>
<td>AFA 4332</td>
<td>Black Women in America</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AFS 3153</td>
<td>African Literature Survey</td>
<td>3</td>
</tr>
<tr>
<td>AMH 3510</td>
<td>U.S. Diplomatic History to 1898</td>
<td>4</td>
</tr>
<tr>
<td>AML 3604</td>
<td>African American Literature</td>
<td>3</td>
</tr>
<tr>
<td>AML 4303</td>
<td>Zora Neale Hurston: Major Works</td>
<td>3</td>
</tr>
<tr>
<td>AML 4624</td>
<td>Black Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>AMS 3001</td>
<td>American Culture 1890-1915</td>
<td>4</td>
</tr>
<tr>
<td>AMS 3260</td>
<td>American Culture, 1830-1860</td>
<td>4</td>
</tr>
<tr>
<td>AMS 3370</td>
<td>Southern Women: Myth and Reality</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4231</td>
<td>Folklere</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>Magic and Religion</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4340</td>
<td>The Caribbean</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4432</td>
<td>The Individual and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4620</td>
<td>Language and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4750</td>
<td>Language and Social Interaction</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4935</td>
<td>Rethinking Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARC 4784</td>
<td>The City</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4710</td>
<td>History of Photography</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4721C</td>
<td>History of Printmaking</td>
<td>4</td>
</tr>
<tr>
<td>ARH 4792</td>
<td>Critical Studies In Art History</td>
<td>4</td>
</tr>
<tr>
<td>CCJ 4934</td>
<td>Seminar in Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CHM 4070</td>
<td>Historical Perspectives in Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CIS 4250</td>
<td>Ethical Issues And Professional Conduct</td>
<td>3</td>
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<tr>
<td>CLA 3501</td>
<td>Women in Antiquity</td>
<td>3</td>
</tr>
<tr>
<td>CLT 3101</td>
<td>Greek Literature in Translation</td>
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<tr>
<td>CLT 3102</td>
<td>Roman Literature in Translation</td>
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<tr>
<td>COM 4020</td>
<td>Communicating Illness, Grief, and Loss</td>
<td>3</td>
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<tr>
<td>COM 4030</td>
<td>Women and Communication</td>
<td>3</td>
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<tr>
<td>COM 4710</td>
<td>Writing Lives</td>
<td>3</td>
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<tr>
<td>CRW 2100</td>
<td>Narration and Description</td>
<td>3</td>
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<tr>
<td>CRW 3111</td>
<td>Form and Technique of Fiction</td>
<td>3</td>
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<td>CRW 3112</td>
<td>Fiction I</td>
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<td>CRW 3121</td>
<td>Fiction II</td>
<td>3</td>
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<tr>
<td>DAN 2100</td>
<td>Introduction To Dance</td>
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<tr>
<td>DAN 4134</td>
<td>Dance History Though the 19th Century</td>
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<tr>
<td>EDF 3228</td>
<td>Human Behavior and Environmental Selection</td>
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<tr>
<td>EEC 4008</td>
<td>Literature in Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4742</td>
<td>Narrative Perspectives on Exceptionality: Cultural and Ethical Issues</td>
<td>3</td>
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<tr>
<td>EIN 4313C</td>
<td>Human Factors</td>
<td>3</td>
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<tr>
<td>ENC 1101</td>
<td>Composition I</td>
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<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>ENC 1121</td>
<td>Composition I: Honors</td>
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<tr>
<td>ENC 1122</td>
<td>Composition II: Honors</td>
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<tr>
<td>ENC 2210</td>
<td>Technical Writing</td>
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<tr>
<td>ENC 3211</td>
<td>Communication for Engineers</td>
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<tr>
<td>ENC 3213</td>
<td>Professional Writing</td>
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<tr>
<td>ENC 3310</td>
<td>Expository Writing</td>
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<tr>
<td>EVT 4851</td>
<td>Equity in Schools and the Workplace</td>
<td>3</td>
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<tr>
<td>FIL 2001</td>
<td>Film: The Language Of Vision</td>
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<tr>
<td>FRT 3140</td>
<td>French Literary Masterpieces in English Translation</td>
<td>3</td>
</tr>
<tr>
<td>GEA 3405</td>
<td>Geography of Latin America</td>
<td>4</td>
</tr>
<tr>
<td>GEA 3500</td>
<td>Geography of Europe</td>
<td>4</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Global Conservation</td>
<td>4</td>
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</tbody>
</table>
GEY 3625 Sociocultural Aspects of Aging (3)
HIS 4936 Pro-Seminar in History (4)
HUM 4931 Seminar in Humanities (4)
IDS 3115 Values and Choices (3)
IDS 3663 Critical Issues Affecting the Arts (3)
IDS 3668 Images of Contemporary Urban Culture (3)
LAE 4414 Teaching Literature in the Elementary School, Grades K-6 (3)
LAE 4416 Teaching Literature and Writing in the Elementary Grades (3)
LAE 4464 Adolescent Literature for Middle and Secondary Students (3)
LIN 3801 Language and Meaning (3)
LIT 2000 Introduction to Literature (3)
LIT 2010 Introduction to Fiction (3)
LIT 2030 Introduction to Poetry (3)
LIT 2040 Introduction to Drama (3)
LIT 3101 Literature of the Western World Through the Renaissance (3)
LIT 3102 Literature of the Western World Since the Renaissance (3)
LIT 3103 Great Literature of the World (3)
LIT 3144 Modern European Novel (3)
LIT 3155 Modern Literature (3)
LIT 3301 Cultural Studies and the Popular Arts (3)
LIT 3383 The Image of Women in Literature (3)
LIT 3345 Literature and the Occult (3)
LIT 4386 British and American Literature by Women (3)
MUL 2111 Introduction To Music Literature (3)
NUR 4194 An Interdisciplinary Perspective in HIV Disease (3)
PHH 2000 Introduction to Philosophy (3)
PHH 4600 Contemporary Philosophy (3)
PHH 4700 American Philosophy (3)
PHI 1401 Science and Society (3)
PHI 3700 Philosophy of Religion (3)
PHI 4300 Theory of Knowledge (3)
PHI 4320 Philosophy of Mind (3)
PHI 4800 Aesthetics (3)
PHM 3100 Social Philosophy (3)
PHM 4331 Modern Political Philosophy (3)
PHM 4340 Contemporary Political Philosophy (3)
PHP 3786 Existentialism (3)
PHP 4055 Philosophy of Science (3)
PHP 4010 Aristotle (3)
PHP 4740 The Rationalists (3)
PHP 4745 The Empiricists (3)
PHP 4784 Analytical Philosophy (3)
PHP 4788 Philosophy of Marxism (3)
PHY 4031 Great Themes in Physics (3)
POS 4413 The American Presidency (3)
POS 4694 Women and Law II (3)
POT 4109 Politics and Literature (3)
PUP 4323 Women and Politics (3)
REL 2300 Introduction to World Religions (4)
REL 3111 The Religious Quest in Contemporary Films (4)
REL 3114 Comedy, Tragedy, and Religion (3)
REL 3145 Women and Religion (3)
REL 3170 Religion, Ethics and Society Through Film (4)
REL 3367 Islam in the Modern World (3)
REL 3465 Religion and the Meaning of Life (3)
REL 3500 History of Christianity (4)
REL 3561 Roman Catholicism (3)
REL 3600 Introduction to Judaism (3)
REL 3602 Classics of Judaism (3)
REL 3613 Modern Judaism (3)
REL 4171 Contemporary Christian Ethics (4)
REL 4177 Comparative Religious Ethics (4)
REL 4215 Ancient Israel and the Development of the Hebrew Bible (3)
REL 4218 Women and the Bible (3)
REL 4221 Who Wrote the Bible (Genesis-Kings) (4)
REL 4670 Judaism and Christianity After the Holocaust (4)
RUS 3500 Russian Civilization (3)
RUT 3110 Russian Classics in English (3)
RUT 3111 Twentieth-Century Russian Literature in English (3)
SCE 4236 Science, Technology, Society Interaction (4)
SPC 3425 Group Communication (3)
SPC 4305 Communicating Emotions (3)
SPC 4632 Rhetoric and Social Change (3)
SYA 3310 Qualitative Inquiry (4)
SYP 4420 Consumer Culture (3)
THE 4174 New British Theatre and Drama (3)
THE 4180 Theatre Origins (3)
THE 4320 Theatre Of Myth And Ritual/Northern European (950-1600) & Oriental (400-1200) (3)
THE 4330 Shakespeare For The Theatre (3)
THE 4360 The 19th Century Theatre Revolution (3)
THE 4401 O'Neil And After (3)
THE 4434 Caribbean Theatre (3)
THE 4435 Theatre Of Pluralism (3)
THE 4442 Comedy Of The Classic And Neo-Classic Stage (3)
THE 4562 Contemporary Performance Theory (3)
WST 3210 European Feminist History: Pre-18th Century (3)
WST 4262 Literature by Women of Color in the Diaspora (3)
WST 4310 History of Feminism in the U.S. (3)
WST 4410 Third World Women Writers (3)

All the above courses will require 6,000 written words per course. IDH courses will fulfill the writing requirement for all University Honor students only.

Computation (6 semester hours)

Any courses offered by the Mathematics Department may be used. Only one course from the following list (some of which are not in the Mathematics Department) may be used.

Course Number and Title Semester Hours
CGS 2060 Introduction to Computers and Programming in Basic (3)
PHI 2101 Introduction to Formal Logic (3)
QMB 2100 Business and Economics Statistics I (3)
STA 2023 Introduction to Statistics (4)
STA 2122 Social Sciences Statistics (3)

Note that CGS 2060 will not satisfy the USF General Education Quantitative Methods requirement.

CLEP general/subject examinations in mathematics, calculus, college algebra, college algebra-trigonometry, and trigonometry may satisfy this requirement.

Grades, Scholarship Requirements, and Review Procedures

The University is interested in each student making reasonable progress towards his/her educational goals and will aid each student through guidance and faculty advising. To make students aware of their academic progress, the University has enacted a system of grading and policies of Academic Probation and Academic Dismissal that indicates whether or not a student is showing sufficient progress toward meeting degree requirements. Notations of Grades, Academic Probation and Academic Dismissal are posted to the student's academic record.
When a student is academically dismissed from the University and is ineligible to re-enroll, it may be in his/her best interest to re-evaluate his/her educational goals with an academic advisor in his/her college. If the student’s poor academic performance has resulted from extenuating circumstances or if after a period of time the student feels he/she has gained adequate maturity and motivation, he/she may petition the Academic Regulations Committee for permission to re-enroll. See “Academic Regulations Committee,” for information on petitioning.

**Grading System**

Effective Fall Semester, 2000, USF faculty may use a plus/minus grading system to assign student grades. The use of the plus/minus grading system is at the discretion of the individual faculty member.

A student’s measure of academic achievement is recorded on the academic record based on the following grading system:

### Plus/minus Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>Good performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>Average performance</td>
<td>3.00</td>
</tr>
<tr>
<td>B+</td>
<td>Poor performance</td>
<td>2.00</td>
</tr>
<tr>
<td>B</td>
<td>Poor performance</td>
<td>1.00</td>
</tr>
<tr>
<td>B-</td>
<td>Failure</td>
<td>0.67</td>
</tr>
<tr>
<td>C+</td>
<td>Failure</td>
<td>0.00</td>
</tr>
<tr>
<td>C</td>
<td>Failure</td>
<td>0.00</td>
</tr>
<tr>
<td>C-</td>
<td>Failure</td>
<td>0.00</td>
</tr>
<tr>
<td>D+</td>
<td>Failure</td>
<td>0.00</td>
</tr>
<tr>
<td>D</td>
<td>Failure</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Other Grades

- **E**: Course repeated, not included in GPA
- **FF**: Failure/academic dishonesty
- **I**: Incomplete
- **IF**: Incomplete grade changed to Failure
- **IU**: Incomplete grade changed to Unsatisfactory
- **M**: No grade submitted by instructor
- **MF**: Missing grade changed to Failure
- **MU**: Missing grade changed to Unsatisfactory
- **N**: Audit
- **S**: Satisfactory
- **U**: Unsatisfactory
- **W**: Withdrawal from course without penalty
- **WC**: Withdrawal for extenuating circumstances
- **Z**: Indicates continuing registration

Please note that the grade of C- will satisfy specified minimum requirements of the Gordon Rule courses and the common prerequisites unless otherwise specified in the Catalog.

**Grade Point Average**

The University uses the quality points listed above. The grade-point average (GPA) is computed by dividing the total number of quality points by the total hours attempted at USF. The total quality points are figured by multiplying the number of credits assigned to each course by the quality point value of the grade given. Credit hours for courses with grades of I, IU, M, MU, N, S, U, W, Z, and grades that are preceded by a “E” are subtracted from the total hours attempted before the GPA is calculated.

Credit hours for repeated USF coursework will be awarded only once per course unless the course is a university-approved repeatable course. “D” and “F” grades, however, for repeated USF coursework will be counted in the computation of the student’s GPA as many times as those grades for that course are recorded. If a student originally earns a “C” or higher in a course that may not be repeated for additional credit and earns a “C” or higher on a subsequent enrollment the new grade is not computed in the USF GPA unless the forgiveness policy is being applied.

### “I” Grade Policy

An “I” grade indicates incomplete coursework and may be awarded to graduate and undergraduate students. (Undergraduate rules apply to non-degree-seeking students.) It may be awarded to an undergraduate student only when a small portion of the student’s work is incomplete and only when the student is otherwise earning a passing grade. Until removed, the “I” is not computed in the GPA for either undergraduate or graduate students. The time limit for removing the “I” is to be set by the instructor of the course. For undergraduate students, this time limit may not exceed two academic semesters, whichever comes first. “I” grades not removed by the end of the time limit will be changed to “IF” or “IU,” whichever is appropriate. If an instructor is willing, he or she may accept work from a student after an I grade has changed to an IF or IU grade, and assign the student a final grade in the course, unless the student has graduated. Whether or not the student is in residence, any change to “IF” grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. **Students are not required to re-register for courses in which they are only completing previous course requirements to change an “I” grade**. However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

### “M” Grade Policy

An “M” is automatically assigned as a default grade when the instructor does not submit any grade for an undergraduate student. (Undergraduate rules also apply to non-degree-seeking students.) Until removed, the “M” is not computed in the GPA. The time limit for removing the “M” may not exceed one academic semester (whether or not the student is enrolled) and/or graduation, whichever comes first. “M” grades that are not removed by the end of the next semester/term will be changed to “MF” or “MU,” whichever is appropriate. Whether or not the student is enrolled, any change to “MF” grades will be computed in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. **Students are not required to re-register for courses in which they are only completing previous course requirements to change an “M” grade**.

### S/U Grade System

**No-option Courses.** Certain courses have been designated as S/U courses. The “S” and “U” grades are used to indicate the student’s final grade. These S/U only courses are identified with (S/U only) after the course definition in this catalog. No grading system option is available to students or faculty in these courses.

**Option Courses.** Any undergraduate course may be taken on an S/U basis by a student under the following conditions and restrictions:

1. Required courses in the major may not be taken on an S/U basis.
2. Specifically designated required courses in the distribution requirements of the student’s college may not be taken on an S/U basis.
3. Courses to satisfy 6A-10.30 (Gordon Rule) may not be taken on an S/U basis.
4. Courses to satisfy USF’s B.A. foreign language requirement may not be taken on an S/U basis.
5. All elective courses for the major and all elective courses in the distribution requirements, and all other free elective courses may be taken on an S/U basis except where:
   a. The certifying college restricts the number of courses that may be taken on an S/U basis in any one or all of the above areas or restricts the total number of S/U courses that can be accepted for all of the above areas.
   b. The certifying college specifies that certain courses may not be taken on an S/U basis.
   c. The instructor of a course refuses to allow the course to be taken on an S/U basis.

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**ACADEMIC POLICIES AND PROCEDURES 43**

**UNIVERSITY OF SOUTH FLORIDA - 2004/2005 UNDERGRADUATE CATALOG**
Mechanism for Assigning S/U Grades. The method by which a student receives an “S” or “U” grade in an option course will consist of the following:

1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he/she wishes to take the course on an S/U basis.

2. The instructor assigns final letter grades A, B, C, D, F, or I, but will transmit to the Registrar “S” or “U” consistent with the following:
   a. Letter grade, A, B, or C, shall be equivalent to a letter grade of “S”.
   b. Letter grades D or F shall be equivalent to a letter grade of “U.” “S” and “U” grades are not computed in the student’s GPA.

Grade Forgiveness Policy

USF’s forgiveness policy permits an undergraduate to repeat a course and have the repeated grade computed in his/her GPA in place of the original grade, providing the repeat grade is “D” or higher (exception - see Honors at Graduation). A course that is repeated and the repeat grade is “F” will have both grades calculated into the GPA. Normally, grade forgiveness may only be applied to a specific course that a student chooses to repeat. No course taken on the S/U grade basis may have the grade forgiveness applied. Under unusual circumstances, a different but similar course may be used if the substitute course has been previously approved by the college dean and is on file in the Office of the Registrar.

The grade forgiveness policy cannot apply to any course in which the grade of “FF” has been recorded.

Any undergraduate or non-degree seeking student who wishes to implement grade forgiveness must:

1. Complete a “Grade Forgiveness Request Form” (available in the Office of the Registrar) for each course to be repeated.

2. Adhere to the following conditions:
   a. A limitation of applying grade forgiveness to three USF courses with no more than one repeat per course.
   b. With prior approval of the college dean, a course different from a course on the approved list may be substituted in the following cases:
      (1) The substitute course is a change in prefix, number, hours, or title, but not a substantive change in content from the original course.
      (2) The substitute course replaces a course no longer offered by the institution.
   c. The repeated course must be taken under the standard grading system (A-F) and the latest grade must be D/D- or higher (grades of S/U are not permitted).
   d. All grades remain on the transcript. The original course grade will be annotated with “E” to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.
   e. Individual colleges may have further restrictions; therefore, the student should consult with his/her college.

This policy is applicable to undergraduate and non-degree-seeking students only, and applies to 1000-to-5000-level courses. Once students have been awarded a bachelor’s degree from USF, they may not repeat a course and be forgiven the original grade, taken prior to graduation.

The policy applies only to courses taken originally at USF and repeated at USF.

Good Standing

USF students will be considered in Good Standing if they are currently enrolled or eligible to return to USF.

Academic Record

The student’s academic record shall not be changed after the student has graduated.

Academic Probation and Academic Dismissal for Undergraduate Students

The first time the academic record of an undergraduate or non-degree seeking student falls below a cumulative 2.00 grade point average (GPA), counting only USF grades, he/she will be placed on Academic Probation (AP). If the cumulative GPA is not raised to 2.00 or higher at the end of the next term of enrollment, the student will be placed on Final Academic Probation (FP). A student on Final Academic Probation who fails to raise his/her cumulative USF GPA to 2.00 or higher at the end of the next term of enrollment will be Academically Dismissed (AD) from the university.

A student admitted to the university on probationary status will be placed on Academic Probation (AP) his/her first term with the above rules related to Final Academic Probation and Academic Dismissal applying. Academic advising prior to registration is mandatory until the student is removed from probationary status.

Any student who withdraws after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation. Any student who withdrawns after the fifth day of classes while on Final Academic Probation or who has been placed on Conditional Readmission by the Academic Regulations Committee will be Academically Dismissed.

The determination and notification of probationary status or academic dismissal will be made by the Registrar’s Office on the student’s semester grade report and academic record.

A student who attends another college or university during academic dismissal will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

If a student who has accumulated fewer than 60 semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently achieves an A.A. degree or an articulated A.S. degree from a Florida public community/junior college or another four-year institution, that student, when returning to the University, will return with the USF GPA earned prior to dismissal unless he/she exercises the option of Academic Renewal I as provided in this catalog.

If a student who has accumulated 60 or more semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently receives an A.A. or an articulated A.S. from a Florida public community/junior college (or other SUS institution), that student, when returning to the University, will begin with the USF GPA earned prior to dismissal unless he/she exercises the option of Academic Renewal II as provided in this catalog.

If a student is academically dismissed or falls below a 2.0 GPA from USF and subsequently receives a BA/BS from another four-year institution, that student, when accepted to the University with the post-baccalaureate status, will have his/her academic record cleared.

The posting of the AA shall not remove the previous GPA generated at USF for a student who has earned credit at USF and is academically eligible to return to the university and who subsequently receives an A.A. from a community college.

Academic Renewal

USF recognizes that not every student’s academic record is flawless and that many times students get off to such a poor start that their future academic opportunities are limited. USF can offer many of those students a second chance. The University’s Academic Renewal policy allows students, who provide evidence that they might now achieve academic success, to renew their pursuit of baccalaureate degrees without the burden of having to overcome all of the burden of low grades and low grade-point-averages that reflect academic work attempted in the past. To facilitate this opportunity, students who qualify for Academic Renewal may, with the approval of the Academic Regulations Committee, have portions of their academic record not counted in the determination of their grade point averages (GPAs) for graduation purposes. Their entire academic record,
however, will continue to be reflected on their transcripts even though the selected portion will not be counted in their GPAs at all requirements for the Associate in Arts degree or equivalent (including general education, Gordon Rule and CLAST require- ments) at a two- or four-year college. Academic Renewal I students will enter USF as juniors and their USF grade point average will be calculated from that point forward. Such stu- dents will be required to earn 60 credits from USF, with a grade point average of at least 2.00 subsequent to the AA degree, in order to graduate from USF. They also may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

Academic Renewal II – Students with fewer than 60 credits: Students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.00) but who otherwise were eligible to return to USF or other institutions of higher education prior to their successful completion of 60 transferable credits, may be admit- ted to the University with Academic Renewal after all requirements for the Associate in Arts degree or equivalent (including general education, Gordon Rule and CLAST require- ments) at a two- or four-year college. Academic Renewal I students will enter USF as juniors and their USF grade point average will be calculated from that point forward. Such stu- dents will be required to earn 60 credits from USF, with a grade point average of at least 2.00 subsequent to the AA degree, in order to graduate from USF. They also may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

Academic Renewal II – Students with 60 or more earned credits: Students who were academically dismissed (but who otherwise were eligible to return) from USF or other institutions of higher education after the successful completion of 60 transferable credits may be admitted to the University with Academic Renewal II if they are able to provide convincing evidence of changes that indicate they might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for at least five years. Academic Renewal II students will be offered an opportunity to enter USF with all coursework and grades from up to three academic semesters (or equiva- lent) prior to their academic dismissal dropped from consider- ation in grade-point-average calculations at the University. How many (up to three) and which semesters are the decisions of the Academic Regulations Committee. Students utilizing the Acad- emic Renewal II policy must earn a cumulative GPA of 2.00 in USF coursework attempted subsequent to Academic Renewal II, in order to graduate. Students who elect to exercise the Academic Renewal policy will not be allowed to use any credit earned during the academic terms from which courses are dropped from grade-point-average consideration toward meet- ing degree requirements at the University* and they may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

*Students who engage the Academic Renewal II policy will lose the credit they earned during the terms (up to three) they choose to exclude from GPA calculations. They will not necessarily have to repeat a course completed with a grade of "C" or higher to meet specific course requirements.

College Policies For Academic Progress

Colleges may determine and implement standards of aca- demic progress for undergraduate students (majors in the college) in addition to those established by USF. Students who do not meet the academic standards of progress set by their colleges will be placed on probation and may be disenrolled. The college dean is responsible for implementing standards of academic progress and for notifying students of their probationary or disenrollment status.

Colleges may restrict the course selections and the number of hours a student may take that do not apply toward completion of degree requirements. Students who exceed this limit may have part or all of their registration canceled.

Colleges are responsible for publicizing and students are responsible for knowing their college's policies for academic progress.

Class Standing

A student’s class is determined by the number of credits he/she has earned without regard to his/her GPA.

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>0C</td>
<td>Unclassified</td>
</tr>
<tr>
<td>1F</td>
<td>Freshman</td>
</tr>
<tr>
<td>2S</td>
<td>Sophomore</td>
</tr>
<tr>
<td>3J</td>
<td>Junior</td>
</tr>
<tr>
<td>4R</td>
<td>Senior</td>
</tr>
<tr>
<td>5B</td>
<td>Baccalaureate degree-holder on a second undergraduate program or degree</td>
</tr>
<tr>
<td>6M</td>
<td>Graduate student admitted to Master’s Degree Program</td>
</tr>
<tr>
<td>6A</td>
<td>Graduate student admitted to Specialist Degree Program</td>
</tr>
<tr>
<td>6C</td>
<td>Admitted to Candidacy</td>
</tr>
<tr>
<td>6D</td>
<td>Graduate student admitted to a Doctoral Degree Program</td>
</tr>
<tr>
<td>7A-7D</td>
<td>1st-4th year professional program (M.D.) or post-doc-toral status</td>
</tr>
</tbody>
</table>

Admission to a College

All newly-admitted students must be advised initially by an academic advisor. All undecided students are assigned to the Center for Academic Advising for purposes of advising until a choice of major is made. At that time, he/she may enter the college containing the major department. Undecided students may remain in this classification until a maximum of 90 semester hours is earned. After that time, a major must be selected. New transfer students who have completed 90 or more hours may remain undeclared for a maximum of two terms following initial USF entry.

Change of Major

All undergraduate students desiring to change their major should consult the Advising Office in the old and new college(s) of their interest.

Final Examinations

Examinations in academic subjects are, for most courses, an integral part of the learning process and one part of a procedure for evaluating student performance and determining grades. USF requires certain standards for the examination process in order to protect the academic integrity of courses and the best interests of both the student and the instructor.

Testing in General: In each academic course, the student is expected to undergo a meaningful testing and evaluation that will reveal the student’s intellectual growth in the subject matter covered or otherwise reflect the achievement of the course objectives. The instructor has the responsibility of maintaining a fair and impartial testing and examination procedure, has the right to define and structure the testing process, and shall not be restricted as to form, style or content of the examination. It is the policy of USF that all students facing an examination (of any type) shall have equal advance notice of the form and content of that examination. The University requires the routine use of all or part of the same formal examination for successive academic terms as unsound policy except when used with adequate safeguards such as a random selection of questions from a large pool.

Comprehensive Final Examinations: The last 6 days of the Fall and Spring semesters shall be set aside for final examinations, and any comprehensive final examination must be given during this designated period. If a segment examina- tion is given in lieu of a comprehensive examination, the segment examination must be given in the period designated during final examination week. The period of two hours shall be allotted for each final examination. If a student has a direct conflict of scheduled examinations or has no comprehensive final examina- tions scheduled on the same day, the student may petition the appropriate instructor to reschedule one of the student’s examinations. The final examination schedule shall be pub- lished in the same manner and place as the Schedule of Classes.
II. Definitions - The term "procedures detailed herein." To be eligible for a "Dean's List," a student must be in a "pool" (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The "pool" consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Dean's List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF 3.5 GPA or above (ties at the 90th percentile will be included in the honors group).

The dean of the college in which the student is majoring or the Dean of Undergraduate Studies for undeclared students will recognize this academic honor. Students who are eligible should contact their College Advising Office for information.

Academic Regulations Committee

The Academic Regulations Committee (ARC) meets regularly to review petitions submitted by undergraduate students to waive University academic regulations. Students must petition and secure approval of the committee to return to the University after having been academically dismissed or to waive academic deadlines.

Effective Fall, 1998, the University has implemented a statute of limitations on student petitions for retroactive adds, drops, withdrawals, and registration. A student will be limited to two calendar years (six academic semesters/terms) for such appeals whether the student is in attendance or not.

The committee normally meets once a week on Tuesday. To petition the committee, a student must secure the appropriate form from the Office of the Registrar and consult with the ARC representative from his/her college prior to submitting the petition form. Completed forms should be returned to the Office of the Registrar no later than the preceding Thursday, to be reviewed at the next week’s meeting. Students will receive notification of the committee’s action the following week.

Student Academic Grievance Procedures

I. Purpose - The purpose of these procedures is to provide all undergraduate and graduate students taking courses within the University of South Florida (exclusive of the College of Medicine which maintains its own procedures) an opportunity for objective review of facts and events pertinent to the cause of the academic grievance. Such reviews will be accomplished in a collegial, non-judicial atmosphere rather than an adversarial one, and shall allow the parties involved to participate. All parties will be expected to act in a professional and civil manner.

The procedures that follow are designed to ensure objective and fair treatment of both students and instructors.

In the case of grade appeals, the University reserves the right to change a student’s grade if it is determined at the conclusion of the grievance process that the grade given was "capricious and arbitrary." In such circumstances the Dean or Provost/Vice President for Academic Affairs or the Vice President for Health Sciences Center may file an administrative appeal for grade change. "Capricious and arbitrary" means the assigned grade 1) was based on something other than performance in the course; 2) was based on more exacting or demanding standards than were applied to other students in that course; 3) was the result of substantial departure from the instructor’s previously announced standards; or 4) was based upon an illegal or unconstitutional act.

In the case of all other academic grievances the University reserves the right to determine the final outcome based on the procedures detailed herein.

II. Definitions - The term “academic grievance” shall be considered to mean any student complaint regarding instruction, grading or academic advising activity that adversely affects the student’s record, academic performance or participation in courses or academic programs.

The term “instructor” shall be considered to mean any classroom instructor, thesis/dissertation/directed study supervisor, committee member or chair, or counselor/advisor that interacts with the student in an academic environment.

III. Resolution at the Department Level - [Note: All time limits in these procedures reflect “academic time,” that is, exclusive of breaks and holidays, and may be extended if agreed to in writing by all parties.]

A. The student shall first make a reasonable effort to resolve his or her grievance with the instructor concerned within four (4) weeks of the incident precipitating the grievance, unless the instructor is unavailable in which case the department Chairperson/Director or the Dean/CEO may extend the deadline (must be in writing to the student).

B. If the situation cannot be satisfactorily resolved, the student shall file or the instructor may file, in writing, a concise statement of particulars with the department Chairperson/Director within two (2) weeks of failure to resolve the incident with the instructor. A copy of this shall also be submitted to the student and to the Dean (or designee) of the parent college. (NOTE: If attempted resolution with the instructor fails, resolution may be initiated at the College level in those units without departments.)

C. The department Chairperson/Director shall discuss the statement with the student and the instructor to see if the grievance can be resolved satisfactorily to all concerned. If the grievance can be resolved, the Chairperson/Director shall provide a statement to that effect to the student and the instructor with a copy to the Dean (or designee).

D. If a grievance occurs resulting from an event on a campus other than Tampa, the student should follow the approved policy of that campus. In the absence of an approved policy on that campus, the student should follow the procedures described as follows substituting the Campus CEO for the college dean or the student may bypass resolution at the department level and initiate the grievance at the level of the Campus CEO. Once the student makes this choice the other option is precluded. It shall be the responsibility of the department Chairperson to keep the Campus CEO (or designee) informed of any grievances initiated at the department level when the event provoking the grievance occurred on regional campuses. Likewise, it shall be the responsibility of the Campus CEO (or designee) to keep the department informed if the student initiates a grievance bypassing the Tampa Campus department.

IV. Resolution at the College Level - If the situation cannot be resolved to the satisfaction of those directly concerned, or in the absence of a grade change, in those cases involving grade grievances, these procedures will be followed:

A. The department Chairperson/Director shall file a letter with the Dean (or designee) indicating that the problem cannot be resolved at the departmental level. Copies shall be provided to the student and to the instructor. This letter shall be filed no later than two (2) weeks after receipt of the student’s notification to the department. This letter must include information pertaining to how, in the student’s opinion, University policies or procedures were violated and/or how an injustice occurred.

B. The student shall file a letter with the Dean (or designee) within two (2) weeks of receipt of the Chairperson's/ Director's notification to the student. This letter must include information pertaining to how, in the student’s opinion, University policies or procedures were violated and/or how an injustice occurred.

C. The Dean (or designee) will send the student’s letter to the instructor, with a copy to the Chairperson/Director within one (1) week of its receipt requesting a written response from the instructor.

D. The instructor will provide a written response to the Dean (or designee) within one (1) week of receipt of the request with a copy to the Chairperson/Director and to the student.
E. After the student receives a copy of the instructor’s response the student has one (1) week to request a committee hearing at the college level. If no such request is received in a timely manner, then it is presumed that the matter has been resolved to the student’s satisfaction.

F. **Within two (2) weeks of receipt of the student’s request for a committee hearing,** the Dean (or designee) shall establish an Academic Grievance Committee to consider the student’s grievance and make recommendations to the Dean (or designee) based on these considerations. The committee shall be selected in accordance with the college’s faculty governance document, if such provision is made within that document. The membership of the Committee shall be constituted as follows:

1. Three (3) faculty members and two (2) students (undergraduate or graduate as appropriate to the case) shall be selected from the College by the Dean (or designee).
2. The Committee shall neither include members of the faculty nor students of the department directly involved with the grievance, nor faculty nor students of the student’s major department. However, this does not prevent faculty or students from the department involved with the grievance or from the student’s major department from providing testimony in the proceedings.

G. The Committee will operate in the following manner:

1. The Committee Chairperson will be a faculty member appointed by the Dean (or designee).
2. The Chairperson shall be responsible for scheduling meetings, overseeing the deliberations of the committee and ensuring that full and fair consideration is provided to all parties. The Chairperson **shall not vote** except to break a tie during committee deliberations.
3. All deliberations shall be in private and held confidential by all members of the Committee and those involved in the review. The paper products of the committee may or may not be protected from public view based on case specific interpretation by the Office of the General Counsel. The recommendation of the Committee shall be based on the factual evidence presented during the hearing.
4. The Chairperson of the Academic Grievance Committee shall deliver in writing to the student, instructor and Departmental Chairperson/Director or Program Director and Dean (or designee) a report of the findings and a recommended resolution. This report shall be provided **within four (4) weeks of the Committee’s appointment. After review, the Dean may consult with the Chairperson of the Grievance Committee for clarification on any aspect of the grievance.**
5. **Within two (2) weeks of receipt of the Committee’s report,** the Dean (or designee) shall make this decision within one (1) week of receipt of a committee hearing.

H. The decision of the Dean (or designee) shall be provided in writing to the student, the instructor and the Chairperson/ Director of the Department/Program with responsibility for instruction, with copies to the members of the Committee, **within two (2) weeks of receipt of the Committee’s report.** The Dean (or designee) shall prevail. If the Dean (or designee) finds that the decision is that a grade change is merited, the Dean (or designee) shall notify the student of the fact in writing within one (1) week of receipt of an appeal.

I. The student or the Instructor may appeal the decision of the Dean (or designee) to the Provost only if one or both of the following occur:

1. The decision of the Dean (or designee) is contrary to the recommendation of the committee.
2. The party appealing establishes prima-facie evidence of a procedural violation.

J. The party appealing the decision must file an appeal **within two (2) weeks of receipt of the decision of the Dean (or designee)** to the Provost/Vice President for the Health Sciences Center. The appeals involving graduate students and the Dean of Graduate Studies are to be handled by the Dean of Graduate Studies.

V. Resolution at the University Level - The Provost/Vice President for Academic Affairs of the Vice President for the Health Sciences Center has delegated authority to the Dean of the Undergraduate Studies to act in place of the Provost/Vice President in all academic grievance appeals involving undergraduate students and the Dean of Graduate Studies to act in place of the Provost/Vice President in all academic grievance appeals involving graduate students.

An appeal filed by either a student or an instructor shall specify in detail the basis of the appeal and shall attach copies of all previous considerations and actions. The appeals file will be submitted to the Undergraduate/Graduate Dean (or designee) as appropriate with copies provided (without attachments) to the other party involved, the department Chairperson/Director, and the College Dean (or designee).

Upon a receipt of an appeal from a student or instructor, the Undergraduate/Graduate Dean (or designee) shall first review the file and determine if the appeal meets the standard(s) specified for appeals at the University level. The Dean (or designee) shall make this decision within **two (2) weeks of receipt of an appeal.** If the Dean (or designee) finds that the appeal does not meet the standard(s) specified for appeals, the process ceases and the previous finding of the College Dean (or designee) shall prevail. If the Dean (or designee) finds that the standard(s) is met, the appeal process continues. The Dean’s (or designee’s) finding in this regard is final. The Dean (or designee) shall then notify all parties of the decision to proceed or not proceed with the appeal.

Once the appeal has been certified to proceed, the following process will take place:

A. **Within one (1) week** of notifying all parties that the appeal is to proceed, the Dean (or designee), in consultation with the Faculty Senate and the Student Senate, shall establish an Appeals Committee consisting of three faculty members drawn from the University Undergraduate Council or Graduate Council, as appropriate and two students, undergraduate or graduate, as appropriate.

B. The functions, and operating procedures of the Appeals Committee will be the same as those of the College Committee (i.e., chaired by a non-voting faculty member, no representation from either party’s respective departments, development of a recommendation to the Dean (or designee), etc.

C. **Within four (4) weeks of the establishment of the Appeals Committee** the Chairperson of the Committee shall deliver in writing to the Dean (or designee) a report of the findings of the Committee and a recommended resolution. After review, the Dean (or designee) may consult with the Chairperson for clarification on any aspect of the grievance.

D. **Within two (2) weeks of receipt of the Committee’s report,** the Dean’s (or designee’s) final decision shall be provided in writing to both parties plus the College Dean (or designee) and the Department Chairperson/Director.

E. **Within two (2) weeks of receipt of the College Dean’s decision,** the Dean (or designee) shall initiate the grade change on the authority of the Provost and so inform all parties.

F. In all academic grievance appeals, the Undergraduate/Graduate Dean’s (or designee’s) decision is final and not subject to further appeal within the University.

These procedures shall take effect commencing Fall Semester, 2003 and shall supercede all other academic grievance procedures currently in effect, with the exception of the procedures of the College of Medicine.

**Procedures for Alleged Academic Dishonesty or Disruption Of Academic Process**

Alleged violations of academic dishonesty or alleged disruptions of academic process will be handled initially by the instructor, who will discuss the incident with the student. It must be noted that the Faculty Senate considers the traditional relationship between student and faculty member as the primary means of settling disputes that may arise. If the instructor observes the alleged dishonesty occurring during an examination, he/she should, with discretion, notify the student of the fact before the student leaves the examination. In all cases, the instructor must attempt to schedule a meeting with the student to discuss the alleged dishonesty or disruptions.
2. Examples of proper citation (in body of text):

**A.** Shaw (1972) states that the root of the word comes from the Latin word meaning ‘kidnapping.’ (Paraphrasing; complete information about source will be cited in a section at the close of the text.)

**B.** Shaw (1972) was correct when he stated that “plagiarism, from a Latin word meaning ‘kidnapping,’ ranges from inept paraphrasing to outright theft.” (Quotation; complete information about source will be cited in a section at the close of the text.)

**C.** Plagiarism.org suggests that a searchable database of papers might assuage what Shaw called a “kidnapping” of intellectual content. (Paraphrasing of a Web site; the complete information about source will appear in the works cited section.)

3. The following are examples of plagiarism because sources are not cited and appropriate quotation marks are not used:

**A.** Plagiarism, from a Latin word meaning “kidnapping,” ranges from inept paraphrasing to outright theft.

**B.** Plagiarism comes from a Latin word meaning “kidnapping” and ranges from inept paraphrasing to outright theft.

**C.** Plagiarism ranges from inept paraphrasing to outright theft.

**D.** Visibility online makes plagiarism much more difficult for the would-be thief.

**Punishment Guidelines for Plagiarism:**

The student who submitted the subject paper, lab report, etc., shall receive an “F” with a numerical value of zero on the item submitted, and the “F” shall be used to determine the final course grade. It is the option of the instructor to assign the student a grade of F or FF (the latter indicating dishonesty) in the course.

**Cheating**

Cheating is defined as follows: (a) the unauthorized granting or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test; (b) asking another person to take an examination in his/her place; (c) taking an examination for or in place of another student; (d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one’s own; (e) stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, other graded assignments, etc. (f) Stealing or copying of computer programs and presenting them as one’s own. Such stealing includes the use of another student’s program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

**Punishment Guidelines for Academic Dishonesty:**

Punishments for academic dishonesty will depend on the seriousness of the offense and may include assignment of an “F” or a numerical value of zero on the subject paper, lab report, etc., an “F” or an “FF” grade (the latter indicating academic dishonesty) in the course, suspension or expulsion from the University. A student who receives an “FF” grade may not use the university’s Grade Forgiveness Policy if the course is subsequently repeated. An “FF” grade assigned to indicate academic dishonesty is reflected only on internal records and prevents the student from repeating the course using the Grade Forgiveness Policy. If a student who has been accused of academic dishonesty drops the course, the student’s registration in the course will be reinstated until the issue is resolved. Procedures for student notification concerning the academic dishonesty remain with the instructor and/or department chair. (See Procedures for Alleged Academic Dishonesty or Disruption of Academic Process.) Notice that a student has been dismissed for reasons of academic dishonesty will be reflected on the student’s transcript with the formal notation: Dismissed for Academic Dishonesty.

For the first “FF” recorded in a student’s USF academic record, the student will receive a letter from the Dean of Undergraduate Studies informing them of appeal rights and placing him or her on “Academic Warning” for the remainder of enrollment at USF. Students with any “FF” grade on record will not be eligible for honors at graduation.

For the second “FF” recorded, the student will be suspended for one full semester and readmitted only after writing a clear statement indicating remorse, understanding of the seriousness of the offense, and understanding of the importance of integrity in all areas, including academic work. A letter informing
him or her of this action and appeal rights will be sent from the Dean of Undergraduate Studies.

For the third "FF" recorded, the student will be permanently dismissed from the university for violations of academic integrity and with notice of that dismissal as a part of the formal record and transcript.

Note that the maximum penalty for receipt of any "FF" grade may be permanent dismissal from the university for violations of academic integrity and with a notice of that dismissal as a part of the student’s formal record and transcript.

a. For observation of or exchanging test information with other students during the course of a classroom test, the students who receive or give such information may receive an "F" with a numerical value of zero on the test, and the "F" shall be used to determine the final course grade. It is the option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.

b. For the use of any prohibited device, such as a cheat sheet, recording, calculator if forbidden on exam, etc., during the course of a classroom test to assist the student or other students, the student using such prohibited device may receive an "F" or "FF" in the course.

c. For the use of another student, a stand-in, to take an examination for the enrolled student, it is suggested that the enrolled student receive an "F" or "FF" in the course and be suspended from school for one year and that the stand-in, if a University student, be suspended from school for one year.

d. For stealing, borrowing, or buying of research papers, creative works, speeches or tests and other exam materials, or other graded assignments, or the dissemination of such materials, or the manipulation of recorded grades in a grade book or other class records, the student, if enrolled in the course, may receive an "F" or "FF" in the course and may be expelled from the University.

e. It is suggested that students who receive or give stolen computer programs receive an "F" with a numerical value of zero on the program or programs, and the "F" be used to determine the final course grade. It is the option of the instructor to fail the student in the course and assign an "F" or "FF" grade for the course.

Disruption of Academic Process
Disruption of academic process is defined as the act or words of a student in a classroom or teaching environment which in the reasonable estimation of a faculty member: (a) directs attention from the academic matters at hand, such as noisy distractions; persistent, disrespectful or abusive interruptions of lecture, exam or academic discussions, or (b) presents a danger to the health, safety or well being of the faculty member or students.

Punishment Guidelines for Disruption of Academic Process:

Punishments for disruption of academic process will depend on the seriousness of the disruption and will range from a private verbal reprimand to dismissal from class with a final grade of "W," if the student is passing the course, shown on the student record. If the student is not passing, a grade of "F" will be shown on the student record. Particularly serious instances of disruption of the academic process may result in suspension or permanent expulsion from the University.

Hearings

Emergency Hearings. An expedited emergency hearing may be held before an academic administrator appointed by the dean or by the appointed academic committee in cases that involve the safety, health or welfare of any student or staff member.

Liberal Arts Requirements

All new USF students and Former Students Returning are required to take 45 semester hours to satisfy the complete liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 9 semester hours will satisfy the exit requirements. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the 9 semester hour exit requirements. The requirements are distributed as follows:

**General Education Requirements**

**Semester Hours**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
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<tbody>
<tr>
<td>English Composition</td>
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<tr>
<td>Quantitative Methods</td>
<td>6</td>
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<tr>
<td>Natural Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6</td>
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<tr>
<td>Historical Perspectives</td>
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<td>Fine Arts</td>
<td>3</td>
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<tr>
<td>African, Latin American, Middle Eastern or Asian Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>Exit Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Major Works and Major Issues</td>
<td>6</td>
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<tr>
<td>Literature and Writing</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>36</td>
</tr>
</tbody>
</table>

*Courses may be certified in more than one area, but students may use each course in only one (1) area.

**LIBERAL ARTS GENERAL EDUCATION COURSE REQUIREMENTS**

**(36 Semester Hours)**

**English Composition:** This requirement consists of a minimum of six (6) semester hours of approved course work in English Composition. Students may satisfy this requirement during the second semester freshman level of composition in the following ways: by earning a letter grade of "C-" or better at USF or another institution or by receiving AP or IB English credit. Students with satisfactory CLEP performance will satisfy part of the English Composition requirement, but they will still need to complete ENC 1102 or its equivalent. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

**Quantitative Methods:** Competence in a minimum of six (6) semester hours of approved mathematics coursework (see the list below). These courses should include both a practical component-providing students with an appreciation of how course content relates to their everyday experiences, and an historical component-providing students with an understanding of the application of the material to other disciplines. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

**Only the courses in the list below may be used to satisfy the General Education Quantitative Methods requirement. At least one course must have either an MAC or an MGF prefix. The other course may be any course in the list. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in these courses.**

While CGS 2060 is applicable to the Gordon Rule Computation requirement, it cannot be used to satisfy USF’s General Education Quantitative Methods requirement.

**Natural Sciences:** Students should successfully complete a minimum of six (6) semester hours of approved coursework in the natural sciences. Students are encouraged to enroll in courses with a laboratory component. It is a goal that all students have at least one science course with a laboratory; however, facilities and personnel resources prohibit that requirement at this time. Courses may be interdisciplinary. The courses may deal with the content, theories, history, presuppositions, and methods of the discipline. They will include demonstrations and address problems, ambiguities, and different perspectives in the discipline. They will also provide students
with an appreciation of how the discipline fits within the natural sciences and relates to their own lives and the broader human experience.

Social Sciences: Students must successfully complete a minimum of six (6) semester hours of approved coursework in the social sciences; the courses may be interdisciplinary and need not be sequential. Courses in the social sciences shall involve those disciplines considered to be social sciences in that they deal theoretically and empirically with individuals and their relationships to each other and to society. Courses must deal with the content, theories, history, presuppositions, and methods of the discipline. They should also address problems, ambiguities, and different perspectives in the discipline. These courses will provide students with an appreciation of how the discipline fits within the social sciences and relates to their own lives and the broader human experience.

Historical Perspectives: A minimum of six (6) semester hours of approved coursework in artistic, cultural, economic, intellectual, religious, social, and/or political history is required. At least three (3) semester hours will be in the history of Western Civilization. Courses are not limited to those in the discipline of history; however, the courses will have a historical perspective in that they provide students with a sense of the evolution of societies and peoples, including analysis of their history. A sense of chronology is necessary in these courses, but not sufficient. A historical perspective also entails analyses of various elements, such as the intellectual, cultural, artistic, economic, social, political, and religious characteristics of societies and peoples.

Fine Arts: Students are required to successfully complete a minimum of three (3) semester hours of approved coursework in the fine arts. Courses in the fine arts shall involve those disciplines considered to be fine arts in that they deal theoretically and experientially with the aesthetic dimensions of individuals and groups. Courses will concern the creative experience that takes into account the perspectives of both the artist and the public. They may be interdisciplinary and must involve the content, theories, history, presuppositions, and methods of the fine arts. They will address problems, ambiguities, and different perspectives in the disciplines of fine arts. These courses will also provide students with an appreciation of how the disciplines fit within fine arts and relate to their everyday experiences.

African, Latin American, Middle Eastern, or Asian Perspectives (ALAMEA): Students will take a minimum of three (3) semester hours of approved coursework in one of the above listed geographical areas. Course content may include social, political, and economic as well as artistic, cultural, and intellectual subject matter. The material will be presented within a geographical, chronological, and/or humanities background and will necessarily be selective.

All courses listed are certified as meeting the General Education requirement as of November, 2003. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS GENERAL EDUCATION REQUIREMENT

ENGLISH COMPOSITON

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>ENC 1102</td>
<td>Composition II</td>
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<tr>
<td>ENC 1121</td>
<td>Composition I: Honors</td>
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<tr>
<td>ENC 1122</td>
<td>Composition II: Honors</td>
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QUANTITATIVE METHODS

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<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
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<tr>
<td>MAC 1140</td>
<td>Precalculus Algebra</td>
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</tr>
<tr>
<td>MAC 1147</td>
<td>Precalculus Algebra and Trigonometry</td>
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<tr>
<td>MAC 2233</td>
<td>Business Calculus</td>
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MAC 2241    | Life Sciences Calculus I                         | 4              |
| MAC 2242    | Life Sciences Calculus II                        | 4              |
| MAC 2281    | Engineering Calculus I                           | 4              |
| MAC 2282    | Engineering Calculus II                          | 4              |
| MAC 2311    | Calculus I                                        | 4              |
| MAC 2312    | Calculus II                                       | 4              |
| MGF 1106    | Finite Mathematics                               | 3              |
| MGF 1107    | Mathematics for Liberal Arts                      | 3              |
| MGF 1131    | Chaos and Fractals                               | 3              |
| MGF 3301    | Bridge to Abstract Mathematics                    | 4              |
| PHI 2101    | Introduction to Formal Logic                      | 3              |
| QMB 2100    | Business And Economic Statistics I               | 4              |
| STA 1022    | Basic Statistics                                  | 3              |
| STA 2023    | Introductory Statistics I                        | 4              |
| STA 2122    | Social Science Statistics                         | 3              |

NATURAL SCIENCES

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<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>ANT 2511</td>
<td>Biological Anthropology</td>
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<tr>
<td>ANT 4586</td>
<td>Prehistoric Human Evolution</td>
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<tr>
<td>AST 2005</td>
<td>Astronomy of the Solar System</td>
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<tr>
<td>AST 2046</td>
<td>Stellar Astronomy and Cosmology</td>
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<tr>
<td>AST 3033</td>
<td>Contemporary Thinking in Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>BMS 4402</td>
<td>Principles of Human Pharmacology</td>
<td>3</td>
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<tr>
<td>BSC 1005</td>
<td>Principles of Biology For Non-Majors</td>
<td>3</td>
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<tr>
<td>BSC 2010</td>
<td>Biology I - Cellular Processes</td>
<td>3</td>
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<tr>
<td>BSC 2011</td>
<td>Biology II - Diversity</td>
<td>3</td>
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<td>BSC 2022</td>
<td>Biology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2030</td>
<td>Save The Planet: Environmental Sciences</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2035</td>
<td>Sex and Today’s World</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2050</td>
<td>Environment</td>
<td>3</td>
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<tr>
<td>CHM 2021</td>
<td>Chemistry For Today</td>
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<tr>
<td>CHM 2045</td>
<td>General Chemistry I</td>
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<tr>
<td>CHM 2046</td>
<td>General Chemistry II</td>
<td>3</td>
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<tr>
<td>EVR 2001</td>
<td>Introduction to Environmental Science</td>
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<tr>
<td>GEO 2371</td>
<td>Introduction to Earth Systems Science</td>
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<td>GEO 3013</td>
<td>Introduction to Physical Geography</td>
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<td>GEO 4244</td>
<td>Tropical Meteorology</td>
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<tr>
<td>GLY 2000</td>
<td>Earth and Environmental Systems</td>
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<tr>
<td>GLY 2010</td>
<td>Dynamic Earth: Introduction to Physical Geology</td>
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<tr>
<td>GLY 2030</td>
<td>Hazards of the Earth’s Surface:</td>
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<td></td>
<td>Environmental Geology</td>
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<tr>
<td>GLY 2040</td>
<td>Origins: From the Big Bang to the Ice Age</td>
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<td>GLY 2050</td>
<td>Science, Earth and Life</td>
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<td>GLY 2100</td>
<td>History of the Earth and Life</td>
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<td>ISC 1004</td>
<td>Integrated Natural Sciences I: Science that Matters</td>
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<td>ISC 1005</td>
<td>Integrated Natural Sciences II: Science that Matters</td>
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<tr>
<td>OCE 2001</td>
<td>Introduction to Oceanography</td>
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<td>PHI 1401</td>
<td>Science and Society - 6A</td>
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<td>PHY 2020</td>
<td>Conceptual Physics</td>
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<td>PHY 2038</td>
<td>Energy and Humanity</td>
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<td>PHY 2048</td>
<td>General Physics I</td>
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<td>PHY 2049</td>
<td>General Physics II</td>
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<td>PHY 2053</td>
<td>General Physics I</td>
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<tr>
<td>PHY 2054</td>
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SOCIAL SCIENCES

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<td>AFA 4150</td>
<td>Africa and the United States - 6A</td>
<td>3</td>
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<tr>
<td>AFS 3251</td>
<td>Environmental - Cultural Study in Africa</td>
<td>3</td>
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<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
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<tr>
<td>AMS 3601</td>
<td>Material Culture and American Society</td>
<td>3</td>
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<tr>
<td>AMS 3700</td>
<td>Racism in American Society</td>
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<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
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<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
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<tr>
<td>ANT 3101</td>
<td>Archaeology</td>
<td>3</td>
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<tr>
<td>ANT 3610</td>
<td>Anthropological Linguistics</td>
<td>3</td>
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<tr>
<td>ASH 3404</td>
<td>Modern China</td>
<td>4</td>
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<tr>
<td>ASN 3012</td>
<td>Japan Today</td>
<td>3</td>
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<tr>
<td>CCJ 3003</td>
<td>Crime and Justice in America</td>
<td>4</td>
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</tbody>
</table>
A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, documents, or works, and will allow students to read primary texts. These courses may allow students to delve into topics on...

LIBERAL ARTS EXIT REQUIREMENTS FOR UNDERGRADUATES IN ALL DISCIPLINES
(9 Semester Hours)

A student’s liberal arts education will continue throughout the college years and not be limited to a relatively small number of required courses in the first two years of college. Exit requirements will provide students with an opportunity during their junior and senior years at USF to integrate their knowledge within the context of liberal arts. Courses that satisfy the exit requirements will, where appropriate, incorporate considerations of values and ethics; international and environmental perspectives; race and ethnicity; and gender. By their junior and senior years, students will have a foundation in liberal arts and be better able to reflect upon ethical issues in a constructive way. Students graduating from the College of Education or the College of Engineering may be required to complete only six hours (two exit courses) and should consult with their advisors regarding exceptions to this requirement. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the liberal arts exit requirements.

Students will take at least one of the Liberal Arts Exit courses outside their disciplinary cluster(s). For purposes of this policy, the term “discipline” refers to the following fields: business, education, engineering, fine arts, health sciences, letters, natural sciences, and social sciences (See list below of “Outside the Disciplinary Cluster” Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student’s major disciplinary cluster(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. Exit requirements must be taken at USF.

All exit requirement courses will be seminar-size courses in which enrollment will be targeted at approximately 20 to 25 students. These courses will be taught by regular faculty. Students majoring in the College of Education are permitted to graduate with only six credits of Liberal Arts Exit courses, all of which may be taken in the College. The distribution of those six credits varies by major. Students majoring in the College of Engineering are permitted to graduate with only six credits of Liberal Arts Exit courses, and may meet the Literature/Writing requirement by completing ENC 3211. Students graduating from the College of Nursing are permitted to graduate with six credits of Liberal Arts Exit courses, both of which may be Major Works/Issues courses within the College.

Major Works and Major Issues (6 credit hours required):
A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, documents, or works, and will allow students to read primary texts. These courses may allow students to delve into topics on
an interdisciplinary basis. Students will be encouraged to write enough to fulfill Gordon Rule requirements. One of the Major Works and Major Issues courses, if taken outside the student's major discipline(s), may be taken for S/U credit with the consent of the instructor.

Major Works and Major Issues courses must offer the opportunity for integration of content. These courses will have a liberal arts content and, when appropriate, will contain in-depth discussions of values and ethics, international and environmental perspectives, race and ethnicity, and gender. Courses may be interdisciplinary and may be team taught. This will provide students with an opportunity to explore, in-depth and on an interdisciplinary basis, major topics that are important but outside of the major field of study.

**Literature and Writing (3 credit hours required):** In addition, students will take three (3) semester hours of approved exit requirement coursework in literature and writing. These courses will allow students to read significant literature of the world and write at least 6,000 words. The 6,000-word requirement meets Gordon Rule requirements and is for students who may wish to satisfy some of this requirement with upper-level courses. The writing requirement may be satisfied with assignments that include, for instance, revision and process writing. The course may be taken within the major if appropriate. The courses will focus on the dimensions of values and ethics, international and environmental perspectives, race and ethnicity, and gender. All students must achieve an overall average of "C" (2.0 GPA) in the lower level requirements and a grade of "C" or better in each of the exit requirement courses.

Although post-secondary foreign language courses may not be required for all graduates, students are encouraged to become competent in at least one foreign language. Foreign language study enriches the command of English, enlarges cultural perspective, and enhances learning skills.

All courses listed are certified as meeting the Exit requirement as of November, 2003. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

**LIBERAL ARTS EXIT REQUIREMENT COURSES**

<table>
<thead>
<tr>
<th>MAJOR WORKS AND MAJOR ISSUES</th>
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<tbody>
<tr>
<td>AFA 4313 Black English</td>
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<tr>
<td>AFA 4333 The African Diaspora: Blacks in the Construction of the Americas</td>
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<tr>
<td>AFA 4335 Black Women in America -6A</td>
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<tr>
<td>AFA 4350 African American Community Research</td>
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<tr>
<td>AFA 4400 Middle Passage</td>
<td>(3)</td>
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<tr>
<td>AFA 4500 Slavery in the Americas and the Caribbean</td>
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<td>AML 4303 Zora Neale Hurston: Major Works -6A</td>
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<td>AMS 4804 Major Ideas in America</td>
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<td>ANT 4172 Historical Archaeology -6A</td>
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<td>ANT 4195 Fantastic Archaeology</td>
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<td>ANT 4241 Magic and Religion -6A</td>
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<td>ANT 4302 Gender in Cross-Cultural Perspective</td>
<td>(3)</td>
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<td>ANT 4316 Ethnic Diversity in the United States</td>
<td>(3)</td>
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<td>ANT 4340 The Caribbean -6A</td>
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<td>ANT 4401 Exploring Cross-Cultural Diversity</td>
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<td>ANT 4432 The Individual and Culture -6A</td>
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<td>ARC 4784 The City -6A</td>
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<td>ARH 3475C Contemporary Issues in Art</td>
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<td>ARH 4455 Modern Political Iconography</td>
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<td>ARH 4710 History of Photography -6A</td>
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<td>BSC 4057 Environmental Iconography</td>
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<td>CJ 4934 Seminar in Criminology -6A</td>
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<td>CEG 4850 Capstone Geotechnical/Transportation Design</td>
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<td>CES 4740 Capstone Structural/Geotechnical/Material Design</td>
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<td>CGN 4122 Professional and Ethical Issues in Engineering</td>
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<td>CHM 4070 Historical Perspectives in Chemistry -6A</td>
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<td>CIS 4250 Ethical Issues And Professional Conduct -6A</td>
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<td>CLT 3101 Greek Literature in Translation -6A</td>
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<td>CLT 3102 Roman Literature in Translation -6A</td>
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<td>COM 4030 Women and Communication -6A</td>
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<td>CWR 4812 Capstone Water Resources/Environmental Design</td>
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<td>ECH 4615 Plant Design</td>
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<td>ECO 3703 International Economics</td>
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<td>ECO 4323 Radical Political Economy</td>
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<td>ECP 3201 Economics of Women and Work</td>
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<td>ECP 3302 Environmental Economics</td>
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<td>ECP 3613 Economics of the Urban Environment</td>
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<td>ECS 4003 Comparative Economic Systems</td>
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<td>EDF 3228 Human Behavior and Environmental Selection -6A</td>
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<td>EDF 3604 Social Foundations of Education</td>
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<td>EEL 4471 Electromagnetics</td>
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<td>EEL 4906 Professional Issues and Engineering Design</td>
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<td>EGN 4831 Technology and Society</td>
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<td>EIN 4365 Facilities Design II</td>
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<td>EML 4551 Capstone Design</td>
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<td>ENV 4891 Capstone Environmental Engineering Design</td>
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<td>EVR 4027 Wetland Environments</td>
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<td>EVT 4651 Equity in Schools and the Workplace -6A</td>
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<td>FRE 4392 African Images in Francophone Film</td>
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<td>FRT 3001 Great French Love Stories in Translation</td>
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<td>FRT 3140 French Literary Masterpieces in English Translation -6A</td>
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<td>FRW 4100 The French Novel</td>
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<td>FRW 4101 Introduction to French Drama and Poetry</td>
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<td>GEB 4890 Strategic Management and Decision Making</td>
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<td>GEO 4372 Global Conservation -6A</td>
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<td>GEO 4604 Advanced Urban Geography</td>
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<td>GET 3100 German Literature in English Translation</td>
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<td>GEY 4635 Business Management in an Aging Society</td>
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<td>GEY 4647 Ethical and Legal Issues of Aging</td>
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<td>GLY 4045 Moons, Planets, and Meteors: An Introduction to Planetary Science</td>
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<td>GLY 4053 Theories and Arguments about the Earth</td>
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<td>GLY 4734 Beaches and Coastal Environments</td>
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<td>GLY 4805 Geology and Development of Modern Africa</td>
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<td>HIS 3308 War and Society</td>
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<td>HIS 3933 Major Issues in History</td>
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<td>HIS 4936 Pro-Seminar in History -6A</td>
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<td>HUM 4938 Major Issues in the Humanities</td>
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<td>IDS 3115 Values and Choices -6A</td>
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<td>IDS 3186 Scientific and Ethical Dimensions of Human Disease</td>
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<td>IDS 3663 Critical Issues Affecting the Arts -6A</td>
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<td>INR 3018 World Ideologies</td>
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<td>INR 3033 International Political Cultures</td>
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<td>INR 4083 Conflict In The World</td>
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<td>ISS 4935 Seminar in the Social Sciences</td>
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<td>LIT 3103 Great Literature of the World -6A</td>
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<td>LIT 3155 Modern Literature -6A</td>
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<td>LIT 3301 Cultural Studies and the Popular Arts -6A</td>
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<td>LIT 3374 The Bible As Literature</td>
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<td>LIT 3383 The Image of Women in Literature -6A</td>
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<td>LIT 3451 Literature and the Occult -6A</td>
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<td>LIT 4386 British and American Literature by Women -6A</td>
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<td>LIT 4804 Literature as Cultural Study</td>
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<td>MHR 4403 The Early History of Mathematics</td>
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<td>MHR 4406 The History of Modern Mathematics</td>
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<tr>
<td>MHS 4052 Human Relations Skills in Counseling</td>
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REL 4670 Judaism and Christianity After the
REL 4221 Who Wrote the Bible (Genesis-Kings)
REL 4218 Women and the Bible
REL 4177 Comparative Religious Ethics
REL 4171 Contemporary Christian Ethics
REL 4133 Modern Judaism
REL 4115 Ancient Israel and the Development
REL 4108 Women and Law II - 6A
REL 4018 Theatre Origins - 6A
THE 4320 Theatre of Myth And Ritual/Northern
THE 4174 New British Theatre and Drama - 6A
THE 4180 Theatre Origins - 6A
THE 4330 Shakespeare For The Theatre - 6A
THE 4401 O'Neill And After - 6A
THE 4434 Caribbean Theatre - 6A
THE 4435 Theatre Of Pluralism - 6A
THE 4562 Contemporary Performance Theory - 6A
WST 3225 Women, Environment and Gender
WST 4310 History of Feminism in the U.S. - 6A
WST 4350 Women and Science
WST 4522 Classics in Feminist Theory
ZOO 4512 Sociobiology

LITERATURE AND WRITING

AFS 3153 African Literature Survey - 6A
AML 3604 African American Literature - 6A
AML 4306 Zora Neale Hurston: Major Works - 6A
AML 4624 Black Women Writers - 6A
CLA 3501 Women in Antiquity - 6A
DAN 4134 Dance History Though the 19th Century - 6A
EEC 4008 Literature in Early Childhood Education - 6A
EEX 4742 Narrative Perspectives on Exceptionality:
FRT 3140 French Literary Masterpieces in English
IDS 3668 Images of Contemporary Urban Culture - 6A
LAIE 4414 Teaching Literature in the Elementary
LAIE 4416 Teaching Literature and Writing in the
LAIE 4464 Adolescent Literature for Middle and

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ZOO 4512 Sociobiology
**Academic Policies and Procedures**

**University of South Florida - 2004/2005 Undergraduate Catalog**

### Disciplinary Cluster 8: Nursing

Bachelor of Independent Studies majors may use certified courses for any disciplinary cluster to meet the Liberal Arts Exit requirements.

### Freshman English Requirement

All first-time-in-college students are required to take Freshman English (a sequential two-semester course of study) in accordance with the following conditions:

1. First-time-enrolled students (a) who do not intend to take the CLEP Freshman English Test or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the exam a second time must take ENC 1101 and ENC 1102 sequentially. If a student fails the first course, he/she must repeat it before proceeding to the next Freshman English course. Students should normally take these courses during their freshman year, but these courses are high demand and it is possible that registration space will not always be available.

2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test should attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or doesn’t attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year. These policies do not apply to first-time-enrolled students who can meet the Freshman English requirement with credit transferred from another institution or those with appropriate AP or IB English credit.

### Credit by Examination

A student who feels he/she has already acquired the basic content of a course on his/her approved schedule should inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and others may be offered within departments. Interested students should obtain additional information from their advisors or the Office of Evaluation and Testing.

### Graduation Requirements

#### Baccalaureate Degree

University minimum requirements for graduation consist of the following: earn a minimum of 120 semester hours with an overall 2.00 GPA, including a 2.00 GPA in all courses attempted at USF; a transfer student must have a GPA of 2.0 or higher when combined with all work attempted at other institutions; satisfactorily complete CLAST and the writing and computer course requirements of 6A-10.030; earn a minimum of 48 semester hours of upper-level work (courses numbered 3000 and above); complete Liberal Arts requirements; complete residency requirement; complete program requirements as determined by the college; and be recommended for graduation by the dean of the appropriate college. The requirements must be met by every student upon whom a degree is conferred. The total number of semester hours needed to complete the baccalaureate degree depends upon the academic major field of study. No grades may be changed following graduation.

All students entering USF with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship to the individual. (See Summer Enrollment Requirement below.)

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**THE 4435** Theatre Of Pluralism - 6A (3)
**THE 4442** Comedy Of The Classic And Neo-Classic Stage - 6A (3)
**THE 4562** Contemporary Performance Theory - 6A (3)
**WST 4262** Literature by Women of Color in the Diaspora - 6A (3)
**WST 4410** Third World Women Writers - 6A (3)

### "Outside the Disciplinary Cluster" Liberal Arts Exit Courses

"Outside the disciplinary cluster" in Liberal Arts Exit courses is defined as outside a cluster of departments or programs. Students with majors from one cluster, must take at least one certified Liberal Arts Exit course from any of the other clusters identified below.

#### Disciplinary Cluster 1: Arts & Letters

- Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 2-8.
  - American Studies: Humanities
  - Classics & Classical Languages: Liberal Studies
  - Communication: Mass Communications
  - English: Philosophy
  - French: Religious Studies
  - German: Russian
  - Spanish

#### Disciplinary Cluster 2: Natural Sciences

- Students with majors in these programs must take at least one certified Liberal Arts Exit courses in Clusters 1 or 3-8.
  - Biology: Interdisciplinary Natural Sciences
  - Chemistry: Sciences
  - Environmental Science: Mathematics
  - Economics: Psychology
  - Geology: Microbiology
  - Physics

#### Disciplinary Cluster 3: Social Sciences

- Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1 or 2 or 4-8.
  - Africana Studies: History
  - Anthropology: Interdisciplinary Social Sciences
  - Communication Sciences and Disorders: International Studies
  - Criminology: Political Science
  - Economics (Social Sciences): Social Work
  - Geography: Sociology
  - Gerontology: Women’s Studies

#### Disciplinary Cluster 4: Business

- Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-3 or 5-8.
  - Accounting: Management Information Systems
  - Economics (Business): Management
  - Finance: Marketing
  - General Business Administration: Administration

#### Disciplinary Cluster 5: Engineering

- Chemical Engineering: Industrial & Management
- Civil Engineering: Engineering
- Computer Engineering: Information Systems
- Computer Science: (Engineering)
- Electrical Engineering: Mechanical Engineering
- Engineering Science

#### Disciplinary Cluster 6: Fine Arts

- Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-5 or 7-8.
  - Art: Music
  - Art History: Theatre
  - Dance

#### Disciplinary Cluster 7: Education

- Behavior Disorders: Mental Retardation
- Early Childhood Education: Education
- Elementary Education: Physical Education
- Foreign Languages: Specific Learning Disabilities Education
- German: Russian
- French: Religious Studies
- English: Philosophy
- Classics & Classical Languages: Italian
- Philosophy: Sciences
- Psychology: Interdisciplinary Science
- Political Science: Social Work
- Sociology: Sociology
- Spanish
- Education
- Discretionary Education

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**Academic Policies and Procedures**

**UNIVERSITY OF SOUTH FLORIDA - 2004/2005 UNDERGRADUATE CATALOG**
Summer Enrollment Requirement

As stated above, effective September 1, 1976, all students entering USF with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship. A student who wishes to have the rule waived must complete a “Request for Waiver of Mandatory Summer Enrollment Form” available in the Office of the Registrar. After submission of the form to the Office of the Registrar, the student will be notified by mail of the action taken.

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida, Tampa; Florida Agricultural and Mechanical University, Tallahassee; Florida Atlantic University, Boca Raton; Florida Gulf Coast University, Fort Myers; Florida International University, Miami; Florida State University, Tallahassee; University of Central Florida, Orlando; University of Florida, Gainesville; University of North Florida, Jacksonville; and University of West Florida, Pensacola.

Foreign Language
Graduation Requirement for B.A. Students

In addition to the foreign language entrance requirement (as required by FS 240.233) all students applying for a Bachelor of Arts degree from USF must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a college-level foreign language or one semester of a higher-level course and earn a letter grade of “C” (no “S” or “U” grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Languages should be selected from among the ones listed below:

Classical Languages
Greek (Ancient) Hebrew (Classical)
Greek (New Testament) Latin

Modern Languages
Arabic Hebrew (Modern) Portuguese
Chinese Italian Russian
French Japanese Spanish
German Polish Yoruba
Greek (Modern)

American Sign Language
Approval needed by the student’s program/department major. The following programs accept Sign Language Competency for the exit requirement: Africana Studies, Anthropology, Communication, Communication Sciences and Disorders, Criminology, Gerontology, History, Mass Communications, Political Science, Religious Studies, Theatre, Women’s Studies, and all programs in the College of Education.

Students electing to take the examination in French, German, or Spanish should apply to the Chairperson of the Division of Classical Languages and Linguistics. Students taking the examination in New Testament Greek or in Hebrew should apply to the Chairperson of Religious Studies. Students utilizing American Sign Language should apply to the Chairperson of Communication Sciences and Disorders.

Foreign Language Placement

Students with two or more years of study in a foreign language in high school, or with postsecondary course(s) in foreign language, or with experiential learning of a foreign language, or with experiential learning of a foreign language may not enroll for credit in courses in that language without first taking a placement examination administered by World Language Education. Should the placement examination indicate that remedial work is required (1120-1121), the student will be allowed to enroll with the understanding that the grade eventually earned will be either an “S” or “U.”

Under no circumstances will a student who places above the first year level or who passes a higher-level course be allowed to register for or receive credit for a lower-level course in that specific language. Students to whom this regulation applies should inquire of the Division of Modern Languages and Linguistics for the placement examination.

Academic Residence

Candidates for graduation must have completed at least 30 hours of the last 60 hours of their undergraduate credit in USF courses. The approval of the dean of the college granting their degree must be secured for any transfer credits offered for any part of these last 60 hours.

Exceptions to the above rule are students who are enrolled at other universities on approved exchange programs, cooperative education students enrolled in other institutions (prior approval having been secured from their USF advisors) while on their training periods, and students taking correspondence work from the University of Florida. CLEP credit does not count toward academic residence.

Academic Major

USF offers curricula leading to the baccalaureate degree in the following fields. The degree is indicated in parentheses after each major code. For clarification, the following terms are defined:

Specialization: Those courses required to give the student academic concentration and baccalaureate identification such as Mathematics, Accounting, Psychology, etc.

Supporting or Related: These courses may be prerequisites to the specialization courses, or they may support specialized courses by giving preparation or breadth to the area of specialization. These courses are often referred to as college or program core courses.

Program Electives: These are usually a broad band of courses offered by the college offering the major to further enrich the student in the general academic field of the major.

College of Arts and Sciences:

Africana Studies (AFA) (B.A.)
American Studies (AMS) (B.A.)
Anthropology (ANT) (B.A.)
Biology (BIO) (B.S.)
Cell and Molecular (CAM) (B.S.)
Ecology (ECL) (B.S.)
Marine (MRN) (B.S.)
Physiology (PGY) (B.S.)
Chemistry (CHM) (B.A.)
Biochemistry/Biotechnology (CBY) (B.A.)
Environmental (CHV) (B.A.)
Health Professions (CHP) (B.A.)
Chemistry (CHS) (B.S.)
Environmental (CHV) (B.S.)
Classics (CLAS) (B.A.)
Communication (SPE) (B.A.)
English (ENS) (B.A.)
Interpersonal & Organizational (SIO) (B.A.)
Performance (SPM) (B.A.)
Public & Cultural (SPL) (B.A.)
Theater (STA) (B.A.)
Communication Sciences and Disorders (CSD) (B.A.)
Deaf Studies (DST) (B.A.)
Interpreter Training (ITT) (B.A.)
Speech/Language/Hearing Science (LSH) (B.A.)
Criminology (CCJ) (B.A.)
Community Corrections (COC) (B.A.)
Urban Law Enforcement (ULE) (B.A.)
Juvenile Justice (JUV) (B.A.)
Economics (ECO) (B.A.)
English (ENG) (B.A.)
Literature (LIT) (B.A.)
Creative Writing (CRW) (B.A.)
Professional-Technical Writing (CWT) (B.A.)

Academic Policies and Procedures

Academic Residence

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College of Arts and Sciences:

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American Studies (AMS) (B.A.)
Anthropology (ANT) (B.A.)
Biology (BIO) (B.S.)
Cell and Molecular (CAM) (B.S.)
Ecology (ECL) (B.S.)
Marine (MRN) (B.S.)
Physiology (PGY) (B.S.)
Chemistry (CHM) (B.A.)
Biochemistry/Biotechnology (CBY) (B.A.)
Environmental (CHV) (B.A.)
Health Professions (CHP) (B.A.)
Chemistry (CHS) (B.S.)
Environmental (CHV) (B.S.)
Classics (CLAS) (B.A.)
Communication (SPE) (B.A.)
English (ENS) (B.A.)
Interpersonal & Organizational (SIO) (B.A.)
Performance (SPM) (B.A.)
Public & Cultural (SPL) (B.A.)
Theater (STA) (B.A.)
Communication Sciences and Disorders (CSD) (B.A.)
Deaf Studies (DST) (B.A.)
Interpreter Training (ITT) (B.A.)
Speech/Language/Hearing Science (LSH) (B.A.)
Criminology (CCJ) (B.A.)
Community Corrections (COC) (B.A.)
Urban Law Enforcement (ULE) (B.A.)
Juvenile Justice (JUV) (B.A.)
Economics (ECO) (B.A.)
English (ENG) (B.A.)
Literature (LIT) (B.A.)
Creative Writing (CRW) (B.A.)
Professional-Technical Writing (CWT) (B.A.)
Environmental Science and Policy (ESP) (B.S.)
International Studies and Business (ISB) (B.A.)
Geography (GPY) (B.A.)
Geology (GLY) (B.A.)
Geology (GLS) (B.S.)
Environmental (GLE) (B.S.)
German (GER) (B.A.)
Gerontology (GEY) (B.A.)
Gerontology (GES) (B.S.)
History (HTY) (B.A.)
Humanities (HUM) (B.A.)
Interdisciplinary Classical Civilizations (ICC) (B.A.)
Interdisciplinary Natural Sciences (INS) (B.A.)
Health Professions (INH) (B.S.)
Interdisciplinary Social Sciences (ISS) (B.A.)
Urban Studies (ISU) (B.A.)
Interdisciplinary Studies (INT) (B.A.)
Italian (ITA) (B.A.)
Liberal Studies (ALA) (B.A.)
Mass Communications (COM) (B.A.)
Advertising (ADV) (B.A.)
Broadcast News (NWS) (B.A.)
Broadcast - Program & Production (PGM) (B.A.)
Journalism - Magazine (MAG) (B.A.)
Journalism - News Editorial (JOU) (B.A.)
Journalism - Visual Communications (VIC) (B.A.)
Public Relations (PUR) (B.A.)
Mathematics (MTH) (B.A.)
Environmental Biology (MEB) (B.A.)
Environmental Chemistry (MEH) (B.A.)
Environmental Geology (MEY) (B.A.)
Mathematics - 5-year program (MBM)
Medical Technology (MET) (B.S.)
Microbiology (MIC) (B.S.)
Philosophy (PHI) (B.A.)
Physics (PHS) (B.S.)
Psychology (PSY) (B.A.)
Applied Behavior Analysis (ABA) (B.A.)
Religious Studies (REL) (B.A.)
Russian (RUS) (B.A.)
Social Work (SWK) (B.S.W.)
Sociology (SOC) (B.A.)
Spanish (SPA) (B.A.)
International Studies and Business (ISB) (B.A.)
Women’s Studies (WST) (B.A.)

**College of Business Administration (B.A./B.S. option):**
- Accounting (ACC)
- Business Economics (ECN)
- Finance (FIN)
- General Business Administration (GBA)
- Accounting (GAA)
- Economics (GEC)
- Finance (GFI)
- Marketing (GMK)
- Management (GMN)
- Management Information Systems (GIS)
- International Business (GIN)
- International Business (ITB) (B.A.)
- Management Information Systems (ISM)
- Management (MAN)
- Marketing (MKT)

**College of Education (B.A./B.S. option):**
- Athletic Training (BAT) (B.S.)
- Early Childhood Education (ECE)
- Elementary Education (BEE)
- English Education (BEN)
- Foreign Language Education (FLE)
- French (BFF) (B.A.)
- German (BFG) (B.A.)
- Italian (BFI) (B.A.)
- Spanish (BFS) (B.A.)
- Mathematics Education (BMA)
- Physical Education (PET)
- Elementary (BPE)
- Secondary (BPS)
- Wellness (BPW)
- Science Education (SCE)
- Biology (BSB)
- Chemistry (BSC)
- Physics (BSY)
- Social Science Education (BSS)
- Special Education
  - Behavior Disorders (BBD)
  - Mental Retardation (BMR)
  - Specific Learning Disabilities (BLD)
  - Varying Exceptionalities (5 yr. Program) (BEX)

**College of Engineering:**
- Chemical Engineering (ECH) (B.S.C.H.)
- Civil Engineering (ECF) (B.S.C.E.)
- Environmental Engineering (ENV) (B.S.C.E.)
- Computer Engineering (ECO) (B.S.C.P.)
- Computer Science (ECC) (B.S.C.S.)
- Electrical Engineering (EEL) (B.S.E.E.)
- Industrial Engineering (EIE) (B.S.I.E.)
- Information Systems (EIF) (B.S.I.S.)
- Mechanical Engineering (EME) (B.S.M.E.)

**College of Nursing (B.S.):**
- Nursing (NUR)
- Nursing (Registered Nurse) (NRN)

**Undergraduate Studies**
- Applied Science (APS) (B.S.A.S.)
- Behavioral Healthcare (ABH) (B.S.A.S.)
- Criminal Justice (ACJ) (B.S.A.S.)
- General Business Administration (ABU) (B.S.A.S.)
- Gerontology (AGR) (B.S.A.S.)
- Public Administration (APU) (B.S.A.S.)
- Urban Studies (AUR) (B.S.A.S.)
- Hospitality Management (HMA) (B.S.)
- Information Technology (ITC) (B.S.I.T.)

**College of Visual and Performing Arts:**
- Art (ART) (B.A./B.F.A.)
- Art History (AHI) (B.A.)
- Art Studio (ARS) (B.A./B.F.A.)
- Graphic Design (AGD) (B.F.A.)
- Dance (DAN) (B.A./B.F.A.)
- Ballet (DAB) (B.A./B.F.A.)
- Modern (DAM) (B.A./B.F.A.)
- Dance Studies (DAS) (B.A.)
- Music (MUS) (B.M.)
- Composition (MUC) (B.M.)
- Jazz Composition (MJC) (B.M.)
- Jazz Performance (MPJ) (B.M.)
- Performance (MPF) (B.M.)
- Piano Pedagogy (MPP) (B.M.)
- Music Education (MUE) (B.A./B.S.)
- General (MEG) (B.A./B.S.)
- Instrumental (MEI) (B.A./B.S.)
- Voice (MEV) (B.A./B.S.)
- Theatre (TAR/FA) (B.A./B.F.A.)
- Arts (TAA) (B.A.)
- Design (TAD) (B.A.)
- Performance (TAP) (B.A.)
Academic Minor

In addition to major programs, many departments offer an academic minor that requires approximately one-half the upper-level credits required for a major. Students interested in a particular minor should obtain the specific requirements from the appropriate department. The department may require the same admission or retention standards as required for the major.

Each academic minor conforms to the University requirements:

1. A minimum of 8 semester hours of credit used to satisfy the requirements of a minor must be from USF courses.
2. A student desiring a minor must have a major in a different program option.
3. USF coursework for a minor must have a GPA of at least 2.0.
4. Only an undergraduate degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree except for students who have already received a baccalaureate degree from USF who may earn certification of a minor by taking additional undergraduate coursework at the University and applying for the certification.

USF offers curricula leading to an academic minor in the following fields:

**Arts and Sciences:**
- African & African Diaspora Studies
- African Studies
- African-American Studies
- American Studies
- Anthropology
- Chemistry
- Classics
- Communication
- Communication Sciences and Disorders: American Sign Language
- Criminology
- Economics
- English: Creative Writing
- English: English and American Literature
- English: Professional-Technical Writing
- Environmental Policy
- French
- Geography
- Geology
- German
- Gerontology
- Greek
- History
- Humanities
- Interdisciplinary Classical Civilizations
- International Studies
- Italian
- Latin
- Linguistics
- Manual Communications
- Mass Communications
- Mathematics
- Modern Greek
- Philosophy
- Physics
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Russian
- Sociology
- Spanish
- Women’s Studies
- Women’s Studies: Women of Color

**Business Administration:**
- Accounting
- Business Economics
- Finance
- General Business Administration
- International Business
- Management
- Management Information Systems
- Marketing

**Louis de la Parte Florida Mental Health Institute Behavioral Healthcare**

**Undergraduate Studies:**
- Aerospace Studies
- Leadership Studies
- Military Leadership

**Visual and Performing Arts:**
- Art
- Dance
- Electronic Music
- Music
- Theatre

Student’s Choice of Catalog

In order to graduate from USF, each degree-seeking student must meet all of the graduation requirements specified in the USF catalog of his/her choice. A degree-seeking student may choose any USF catalog published during his/her continuous enrollment. Students who have transferred from one Florida public institution to another are affected by the following Department of Education policy:

Graduation requirements in effect at the receiving SUS institution at the time a student enrolls at a Florida public institution of higher learning shall apply to that student in the same manner that graduation requirements apply to its native students provided the student has had continuous enrollment as defined in the SUS institution’s catalog. At USF, “continuous enrollment” is defined as enrolling as a degree seeking student at least one term each twelve month period. Therefore, students cannot choose a USF catalog published prior to or during an academic year in which they did not maintain continuous enrollment. (Each catalog is considered to be published during the academic year printed on the title page.)

If the student cannot meet all of the graduation requirements specified in the catalog of his/her choice due to decisions and changes by the University in policy matter, course offering, etc., appropriate substitutions will be determined by the chairperson of the department or program of the student’s major.

USF’s policies are subject to change and apply to all students regardless of their choice of catalog. If the student’s graduation requirements are affected by changes in University policies, appropriate arrangements will be made to preclude penalization of the student.

Repeat Course Work

The hours for a course that has been repeated may be counted only once toward the minimum 120 semester hours of credit (earned hours) required for graduation. All credit hours (except when grade forgiveness is applied) are calculated in the GPA. (See Repeat Course Surcharges.)

Double Undergraduate Major

Students may elect to graduate with two majors. In that event, they must apply independently to each college and be assigned an advisor in each discipline. The student must meet all requirements of each major separately and must be certified for graduation by the appropriate dean(s).
Second Undergraduate Major
A student who wishes to work for a second major, after receipt of a baccalaureate degree, must apply through the Office of Admissions and meet the major requirements as determined by the college. (Exceptions to this rule are students who had been previously accepted for a “Double Undergraduate Major” but graduated with only one major.) After acceptance by the appropriate college and proof of completion, the student’s “permanent academic record” will be posted accordingly.*

Two Degrees (USF Students)
A student at USF may receive two baccalaureate degrees provided he/she meets University graduation requirements for both degrees. In addition to the minimum 120 semester hours that apply toward the first degree and include at least 60 semester hours from a baccalaureate institution, the student must also earn at least a minimum of 30 semester hours in on-campus USF undergraduate courses that will apply toward the second degree. The student must also meet the requirements of the college awarding the degree and the residency requirement.

Second Baccalaureate Degree
(Transfer Students)
A student already graduated from an accredited four-year institution must earn a minimum of an additional 30 semester hours of USF undergraduate courses to apply toward his/her second baccalaureate degree. Students must also meet the University’s regular graduation requirements, as well as the requirements of the college awarding the degree and the residency requirements.

Availability of a Baccalaureate Degree for Students Enrolled in or Graduated from a Five-year Master’s Program
A student may enroll in a baccalaureate degree program while enrolled in or after graduation from a five-year master’s degree program. In consultation with an advisor in the five-year program and an advisor in the baccalaureate-level program and with the approval of the college dean(s) offering the program(s), the student is required to complete the following:

a. Satisfy degree requirements for the five-year master’s program.
b. Satisfy requirements for the baccalaureate-level program.

B.A. Degree for Medical and Dental Students
Students who are admitted to a medical or dental school after completing their junior year at USF may be awarded the B.A. degree in Interdisciplinary Natural Sciences from the College of Arts and Sciences (see College of Arts and Sciences).

Application for Graduation
In order to graduate, a student must submit an application for the bachelor’s degree, graduate degree, or Associate of Arts certificate to the Office of the Registrar. This application must be submitted in the term of expected graduation by the deadline noted in the academic calendar. If a student applies for graduation and is not approved, a new application for degree must be submitted by the deadline in a new term. In order for the degree statement to appear on a student’s academic record, the student must file the aforementioned application whether or not participation in the commencement ceremony is desired.

The application for the bachelor’s degree is available from the student’s college advising office. The application for a graduate degree is available from the Office of the Registrar or the student’s college advising office. The application for an Associate of Arts degree is available from the Center for Academic Advising in Academic Support and Achievement.

The application must first be certified (signed or stamped in the section, “Office Use Only”) by the student’s college (Center for Academic Advising for the A.A. certificate). The college retains one copy, and the student must submit the remaining copies to the Office of the Registrar prior to the graduation application deadline. Inquiries concerning approval or denial of graduation should be made to the appropriate college or to the Center for Academic Advising in Academic Support and Achievement.

It is the student’s responsibility to clear all “I” grades (incompletes) in courses required for graduation and to provide official transcripts of all transferred course work needed for graduation at least 3 weeks prior to the end of the term in which he/she expects to graduate.

A student applying for a second undergraduate major must do so within the same deadline set for applying for a degree.

A student applying for a minor must:
1. File a separate request for certification for the minor in the department of the minor during the semester of graduation;
2. Apply for the minor on the “Application for Degree,” listing both the minor and college responsible for the minor on the application; and
3. Have no “I” grade in required courses.

For purposes of honors recognition at the ceremony, students must have a 3.50 GPA before the term in which they plan to graduate to have honors recognized publicly at the commencement ceremony.

Posthumous Degrees or Degrees in Memoriam
The University may award a posthumous baccalaureate, master’s or doctoral (and medical) degree to a student who was in good standing at the University at the time of his or her death and who had completed all substantive requirements for the degree. The University may also award baccalaureate, master’s, doctoral and medical degrees in memoriam to a student who was in good standing at the University at the time of his or her death.

To award a non-thesis degree, the student would need to have completed all courses required for the degree. Courses required for the degree, in which the student is enrolled at the time of his or her death, must have been completed to the satisfaction of the faculty so that passing grades might be posted. All other requirements (e.g., grade point average, CLAST and other tests) must have been satisfied as well.

To award a thesis degree, all courses must be completed as described above and the thesis must be sufficiently complete to the satisfaction of the faculty so that certification of completion may be posted to the student’s record.

Procedures for Award of Posthumous Degrees or Degrees in Memoriam
The Chairperson of a Department, on his or her own initiative or upon the request of the family of the student, may recommend a posthumous degree, or a degree in memoriam, by forwarding the recommendation to the respective dean of the college. If approved by the Dean, the recommendation with supporting documentation will be forwarded to the Provost for approval. If the Provost approves the recommendation, the Office of the Registrar will be notified and the degree will be awarded at the next commencement ceremony or will be presented to the student’s family in an appropriate setting.

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read “Bachelor of Arts in Memoriam, Bachelor of Science in Memoriam,” etc., depending upon the degree the student was pursuing at the time of his or her death. Undergraduate students who have not chosen a major at the time of death will be awarded the “Bachelor of Arts in Memoriam.”
Honors at Graduation

To be considered for honors at graduation, a baccalaureate candidate must have completed at least 40 credits of graded coursework at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and USF students who have postsecondary work elsewhere must have an overall GPA of 3.50 or higher counting all USF courses as well as all transferrable work attempted at other institutions. The forgiveness policy at USF or other institutions and plus/minus grades awarded at other institutions will not be applicable in computing the GPA for honors.

In addition, students with a record of academic dishonesty appearing on any transcripts will not be eligible for honors at graduation.

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.50 but below 3.70 shall receive a diploma designation of summa cum laude (with highest honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.70 but below 3.90 shall receive a diploma designation of magna cum laude (with high honor).

Candidates with a USF GPA of 3.90 or higher and an overall GPA of 3.90 or above shall receive a diploma designation of cum laude (with honor).

In addition, each dean has the option to select on the basis of exceptional achievement 1% of the college’s graduates or 1 student per semester for graduating with distinction.

NOTE: The GPA is not rounded up when determining honors at graduation (e.g., 3.69 is not the same as 3.70).

Commencement

Commencement ceremonies at USF (Tampa) are held three times a year: Fall, Spring, and Summer. To receive information regarding the commencement ceremonies, students must submit an application to graduate. Information regarding the ceremony will be mailed to the students during the term in which they should participate. If information is not received, the student should contact the Office of the Registrar. Graduate students (masters, specialists, and doctorates) will not participate in commencement exercises until all requirements for such degrees have been fulfilled.

Certification Requirements

Associate of Arts

Upon the student’s successful completion of the minimum requirements for the Associate of Arts Certificate, the University will present the student who has properly made application with an appropriate certificate.

1. To receive the Associate of Arts, the student must complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted toward the Certificate must be completed in residence at USF; the minimum grade point average must be 2.00 based on work attempted at the USF; in addition, a transfer student must have a GPA of 2.00 or higher when combined with transfer work accepted and evaluated by the USF Office of Admissions; and the General Education Requirements of USF must be satisfied. Physical Education and military science credits do not count within the 60 semester hours toward the Associate of Arts. In addition, the student must present a score (passing score after August, 1994) on the College-Level Academic Skills Test and fulfill the writing and computation course requirements of 6A-10.030 prior to receiving the Associate of Arts Certificate.

2. Application Procedure for the Associate of Arts Certificate. The Application for an Associate of Arts Certificate can be obtained from the Center for Academic Advising prior to the application deadline. The deadline to apply for a degree/certificate in each semester is stated in the Academic Calendar in the catalog.
USF/FLORIDA PUBLIC COMMUNITY COLLEGE CROSS ENROLLMENT

Some undergraduate students may find it advantageous to cross enroll at a Florida public community college while attending USF. To prevent problems with financial aid and other registration issues, see a USF college advisor for detailed instructions and course approval. Procedures to permit this type of registration are available during specified times printed in the University Schedule of Classes. Credit hours for the course(s) taken at the host institution will apply toward graduation only if prior approval was received from the student’s USF advisor. The grade point average will not transfer to USF.

TRANSENT STUDENTS

USF degree-seeking students who wish to enroll at another regionally accredited institution MUST HAVE PRIOR WRITTEN APPROVAL from their college academic advisor to receive credit for courses taken. The transient student/cross enrollment form should be used for this purpose. First term, first time in college freshmen are not eligible for USF awarded financial aid if granted transient student status.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

USF allows students to receive up to 45 semester hours of credit towards the baccalaureate degree upon successful completion of General and Subject College Level Examination Program (CLEP), IB, and DANTES examinations. Performance levels necessary to achieve credit have been established at a common level for all universities and community colleges in the State system. Credit earned through one examination program may not be duplicated by another examination or course. The following limitations should be recognized:
1. CLEP credit will not satisfy USF’s residency requirement;
2. Credit for the General Natural Science examination will be granted for non-majors only.

Certain General and Subject CLEP Examinations noted in the table below may apply to the General Education Liberal Arts Requirements. Some programs do not award credit toward the degree for certain CLEP examinations, and certain graduate or professional schools such as law, medicine and engineering may not grant equal recognition to students with extensive examination credits. An academic advisor should be consulted to ascertain the applicability of a specific CLEP examination toward a student’s degree requirements and the advisability of taking the examinations in a student’s specific situation.

Descriptions of the examination content and other information are available from Educational Testing Service in Princeton, New Jersey or in the Office of Evaluation & Testing (SVC 2054).

The CLEP General and Subject Examinations are administered on a daily basis on the Tampa Campus. Testing schedules are available in the Office of Evaluation & Testing (SVC 2054). Prior registration is required.

For information regarding CLEP examinations, please go to the Evaluation and Testing web site http://www.usf.edu/ugrads/eandt/clep.htm.

For information regarding discontinued exams or examinations taken prior to July of 2001 or those not listed, contact Evaluation and Testing or call 974-2742.

ADVANCED PLACEMENT CREDIT PROGRAM

The University participates in the Advanced Placement Program conducted by the College Entrance Examination Board. The Advanced Placement Test is based on specific college level courses that are offered in a number of high schools. Interested students should contact their high school counselors or principals for additional information. Please note: not all colleges will interpret AP test results in the same manner. Consult the table below to ascertain how the University of South Florida interprets AP test results.


COLLEGE REACH-OUT PROGRAM

Location/Phone: HMS 497 or 499, (813) 974-3713

College Reach-Out is an academic program designed for low-income and educationally disadvantaged junior and senior high school students who have the academic potential for success in a postsecondary institution and plan to pursue an education beyond high school. The focus of the program is to prepare students to meet higher education requirements established for admission to colleges and universities by providing tutoring and counseling services. Students will be exposed to a variety of personal, social, academic, educational, and career opportunities through participation in a summer enrichment program. Admission requirements are listed below:
1. Family income must meet federal guidelines.
2. Students must have completed the 8th grade.
3. Students must have a 2.0 grade average in English, mathematics, history, and science.
4. Students must attend schools in Hillsborough County.

Applications should be forwarded to the College Reach-Out Program, HMS 497 or 499, USF.

UPWARD BOUND

Location/Phone: HMS 469, (813) 974-2802

Upward Bound is a pre-college program for students from low-income families who have academic potential but who have inadequate secondary school preparation or have not achieved success in school. Its purposes are to assist these students in developing goals, improving academic skills, and providing the motivation necessary to achieve success in a college or post-secondary program. To qualify, the applicant must meet the following criteria:
1. Family income must meet federal guidelines.
2. Applicant should be a potential first-generation college student.
3. Student must have completed the 9th grade and be enrolled in the 10th or 11th grade in an accredited high school.
4. GPA must be 2.3 (“C”) or above in basic pre-college courses.
5. Attend weekly scheduled tutorial sessions.
6. Attend the six-week summer residential component on the USF Tampa Campus.

Applications should be forwarded to Director, Project Upward Bound, USF.

INDEPENDENT STUDY

Undergraduate students wishing to take a course by independent study must contact the instructor of the course for permission. The instructor specifies the requirements to be completed by the student including tests, periodic class attendance, term papers, etc.

Not all courses in the University may be taken by independent study. The respective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students. Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

ENROLLMENT IN EVENING COURSES

Evening courses at USF are part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for day and evening courses are the same.
COMMUNITY EXPERIENTIAL LEARNING PROGRAM

Location/Phone/Email: BEH 211, (813) 974-8452, jones@chuma1.cas.usf.edu

The Community Experiential Learning (CEL) Program offers students the opportunity to explore the relationship between their classroom learning and the broader community. With faculty guidance, students design their own community experiences and receive between one and four academic credit(s) upon completion. Students may choose to work as an intern with a community organization/agency or to explore a community issue through independent research. The community can be as close as a neighborhood just beyond the campus or on the other side of the world.

Students may participate in the CEL Program anytime during their academic career. Good standing at the University and a 2.0 GPA is required for acceptance into the Program. CEL courses are offered throughout the entire year. Ideally students should plan their CEL projects during the term prior to their implementation, but they can be added at any time during the term. Information may be obtained from Robin Jones in BEH 211, (813) 974-8452.

STATE UNIVERSITY SYSTEM CORRESPONDENCE COURSES

The University of Florida’s Division of Continuing Education’s (DOCE) Department of Correspondence Study administers all correspondence instruction for Florida’s State University System (SUS). Correspondence study at the University of Florida is a consortium of universities within the State University System of Florida that offers high school, undergraduate and graduate courses for credit through interactive, self-directed study.

DOCE provides courses for students who wish to begin college programs early, take courses with conflicting times or closed sections, meet prerequisites, pursue professional development, or personal enrichment. DOCE courses’ content and requirements parallel their on-campus counterparts.

Enrollment in all courses is possible at any time of the year; however, prior approval of an advisor is needed if a course is to be used toward a diploma or a degree.

For more information, please contact: Department of Correspondence Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609; (352) 392-1711, or toll free at (800) 327-4218; or e-mail: learn@doce.ufl.edu. Be sure to check out the home page: http://correspondencestudy.ufl.edu.

USF considers independent study by correspondence as resident credit. Exception: grades for courses taken by Cooperative Education students while on a training period are transferred and will be used in computing the USF GPA.

FLORIDA COLLEGE EXCHANGE PROGRAM

Through an exchange agreement, students of USF, with the approval of their advisors, may elect courses at nearby Florida College. Credit for acceptable work may be transferred to USF and counted as elective credit toward graduation. Students from Florida College have a similar transfer arrangement.

Costs for students under these cross enrollment plans are based on credit hours of work taken, and payment is made to the appropriate institution in accordance with its per-hour fee rate.

Florida College students enjoy full privileges of the state-wide articulation agreement and of USF transfer student policies, such as academic renewal and full acceptance of the Associate of Arts degree.

THE WASHINGTON CENTER INTERNSHIP PROGRAM

Location/Phone/Email: BEH 211, (813) 974-8452, jones@chuma1.cas.usf.edu

All USF undergraduates seeking to live and learn in the nation’s capital are eligible to apply for the Washington Center Internship Program. Students participate in either the fall, spring or summer semesters and can earn course credit. Study at TWC consists of two major components: (1) working 35 hours per week at your selected internship and, (2) taking one seminar that meets once per week. Opportunities for internships are not limited to government positions, but include a vast array of nonprofit and for-profit options.

In conjunction with The Washington Center located in Washington, D.C., students are housed in a conveniently located apartment complex within walking distance to public transportation (the Metro). The Washington Center also provides a student lecture series and a number of special events (e.g., breakfast with members of Congress, cultural events at the Kennedy Center). The costs of the program vary depending upon date of attendance. Generous scholarships are available.

Applications for the program can be obtained in the Community Initiative, SOC 346. For details on The Washington Center Internship Program, please contact Robin Jones, Faculty Liaison for TWC Internship Program, 4202 East Fowler Avenue, BEH 211, Tampa, FL 33620-8100.

Academic Services and Support

EDUCATIONAL OUTREACH

Faculty help line: onlinehelp@outreach.usf.edu, (813) 974-8001
Web site: http://www.outreach.usf.edu

Educational Outreach extends the University’s academic resources to help lifelong learners meet their educational and professional goals. USF has the largest distance learning program in Florida, with more than 21,000 enrollments each year. “Anytime, Anyplace” learning models use established technology, such as televisions, VCR’s, and computers supported by internet networks and emerging wireless digital applications to enable individuals to take courses in their homes and workplaces, at times that fit their personal schedules. Visit our web site at http://www.outreach.usf.edu for more information.

The Media Innovation Team (MIT) of the Center for 21st Century Teaching Excellence (C21TE) helps faculty incorporate a wide range of instructional technologies with thoroughly researched pedagogical strategies to enhance the learning experience of students. This support includes online course production and development assistance for web-based instruction, videoconferencing, video streaming, telecourses, enhanced TV, and other models. These technologies expand access for all students, including those constrained by time and/or place.

For more information call (813) 974-8001 or visit our website at http://www.outreach.usf.edu/c21te/

Classroom Technology Services provides access to USF’s network center and distance learning infrastructure. For more than 30 years, WUSF-TV (USF’s public television station) and local/regional cable partners have broadcast telecourses, both PBS and locally-produced lecture series, on a variety of subjects. Telecourses, web-based instruction, and the mixed model of teleweb courses demonstrate distance learning’s “Anytime, Anyplace” opportunities to fit the schedules and educational goals of our students. Specially equipped instructional television environments facilitating active, collaborative learning in a distributed environment.

Access to standard and state-of-the-art classroom instructional technology is provided through delivery, set-up, maintenance, and over-the-counter checkout of equipment for faculty and classroom use. This comprehensive service model includes traditional classroom equipment, such as overhead projectors and VCR’s and more current technology, including computer projection systems, electronic “smart” boards, and digital cameras. Integrated technology systems are in high use classrooms, enhancing the learning environment and facilitating the use of multimedia and technology enhancements in the teaching and learning process.
Off-Campus Opportunities
Website: http://www.outreach.usf.edu

A wide range of credit courses are offered at off-campus locations, including community colleges, public schools, libraries, and community-based or corporate sites. These courses serve the unique needs of non-traditional students with busy schedules, by making courses available in locations convenient to their homes and workplaces. Concentrated “live” classes offered in intensive formats and evening and weekend classes complement the more traditional schedules of semester-based courses and provide a convenient alternative for students who prefer group-based models. Organizations and businesses may contract with USF to offer courses on-site. All courses offered in an off-campus location are standard USF courses listed in the Undergraduate or Graduate catalogs and are taught by USF faculty. Students in these programs must meet all USF admissions, academic standing, and graduation requirements. Specific details are included each semester in the online catalog of distance learning and off-campus classes.

USF Downtown Center

Located on Channelside Drive in the Port Authority Building, the USF Downtown Center serves as an off-campus site for academic classes, non-credit continuing education courses and as a meeting/training/conference facility. Room rentals are generally available during the weekdays (8:00 am to 5:00 pm) and on weekends, while university focused programs are typically held evenings, Monday through Thursday.

The Downtown Center has seven reconfigurable classrooms with seating capacities ranging from 36 to 60 participants. A twenty station computer lab and videoconferencing capability are also available for rent. Each room has a full suite of A/V equipment (LCD Projector, computer, overhead, document camera and Internet connection) that is included in the room rental cost.

For more information, please contact Janet O’Shea at (813) 905-5858 or visit the web site at http://www.usf.edu/downtown.

MBA Program

The USF MBA Program offers evening courses at the USF Downtown Center in the Tampa Port Authority Building. Students are able to complete all degree requirements at the Downtown Center. The USF MBA requires 36-57 credits to complete and is fully accredited by the AACSB. For additional information on the program and admission requirements, visit the web site at http://www.coba.usf.edu or call (813) 974-3335. Earn your MBA without leaving downtown Tampa.

M.S. in Management Information Systems

To meet the needs of the marketplace for expertise in both information technology and management, the Information Systems and Decision Sciences department in the College of Business Administration offers a program of study leading to a Master of Science in Management Information Systems (MS/MIS) degree at the USF Downtown Center. The goal is to develop IT specialists who are attuned to the latest principles, methods and techniques of both technology and management. The MS/MIS program is designed for individuals who are challenged by applications rather than science or technology and who are willing to undertake a career that demands a broad rather than a narrow range of skills. The program requires 32 hours of coursework and may be taken full-time or part-time. For further information, call (813) 974-5524 or visit the website at http://www.coba.usf.edu.

MPA Program

The Master of Public Administration program offers a multi-disciplinary course of study leading to the Masters of Public Administration (MPA) degree. The MPA is designed to prepare students for successful leadership roles and management careers in the public, i.e. governmental and quasi-governmental (organizations) and nonprofit sectors. The required curriculum is 45-51 credit hours varying according to a student’s prior work experience and exit option chosen. All students must complete a core of nine courses (27 hours) and either four or six courses (12-18 hours) in elective coursework in consultation with an advisor. For additional information please call (813) 974-2150 or visit the website at http://www.cas.usf.edu/pad/index.html.

MHA Program

The College of Public Health provides coursework, research methods, and field experiences to prepare students in the public health professions for the challenging health problems facing the State, nation, and other counties. The field of public health is broad and is open to students from diverse academic disciplines including health sciences, education, business, social and natural sciences. Graduates are prepared for interdisciplinary focused public health professional careers as administrators, managers, educators, researchers, and direct service providers.

"Anytime, Anyplace" Learning

USF supports “Anytime, Anyplace” learning through a variety of courses available over the web, broadcast on public and/or cable TV, or recorded on videotape and CD-ROM. These online courses range from individual offerings that can be used as electives in various majors, to sequences of courses qualifying students for teacher certification or endorsement, such as the ESOL offerings meeting Florida’s requirements for teachers of English as a second language. Courses are added each semester to USF’s on-line listings, and are included in the online catalog of distance learning and off-campus classes published by Educational Outreach. Visit our web site at http://www.outreach.usf.edu/distudents for more information about these rapidly growing options for USF’s students.

For more than 30 years, WUSF-TV (USF’s public television station) and local/regional cable outlets, including the Tampa Education Channel and Manatee Educational Television, have broadcast telecourses on a variety of subjects. Supported by Educational Outreach, these courses are available to students at all four USF campuses (Tampa, Lakeland, St. Petersburg and Sarasota) and their surrounding areas. Courses have on-campus sessions or web-based modules for orientation, reviews and student interaction components. Some courses can be used to fulfill liberal arts and/or major requirements and can be used as elective credit for many degree programs. Students should check with their advisors concerning questions about the applicability of specific courses to their degree programs. Students enrolled in telecourses are allowed to tape the programs at home during broadcasts and may review episodes and taped review sessions in the Media Center, 6th floor of the Tampa Library. In lieu of watching the courses on television, students may secure tapes from RMI Telecourse Rental for most courses (1-800-745-5480).

Continuing Education

The main units of the Educational Outreach Continuing Education Division are: Professional and Workforce Development, Conferences and Institutes and the USF Downtown Center. More information about these units is in the following descriptions and on the web site at http://outreach.usf.edu/index.html.

Professional and Workforce Development (PWD)

Professional and Workforce Development provides open enrollment and contract continuing education programs to assist working adults acquire new, updated or complimentary skills needed to achieve or maintain proficiency in their current positions, earn noncredit educational certificates, prepare for professional certification examinations, qualify for promotion in their organization, transition to a new career, meet professional continuing education requirements, prepare for graduate entrance examinations, or return to the workforce. PWD also works with employers to bring many of these programs directly to their staff, either at USF or at the work site. Programs include
workshops, seminars, short courses that vary in length from one-day seminars to four to eight week evening courses. Some advanced certification programs require from six to eighteen months.

PWD’s non-credit certificate programs provide high-quality, practical training in a number of disciplines including management and supervision, human resource management, financial planning, gemology and gem/jewelry appraisal, non-profit management, mediation, traumatology, and several computer and business communications areas listed below.

PWD offers a wide variety of non-credit computer training programs: beginning, intermediate and advanced instruction in many popular computer applications; web/multimedia/graphics training; to sophisticated training to prepare individuals for examinations to earn advanced computer certifications such as A+, Microsoft Certified Systems Engineer (MCSE), Microsoft Certified Solutions Developer (MCSD), Oracle application development and database administration; computer programming; and Web Skills for Business and Marketing.

PWD provides specialized training in foreign language and business communications, and has non-credit certificate programs in Public Relations, Workplace Communications, Technical Communications (Technical Writing), Photography and English Language for Non-Native Speakers (TESL).

For students preparing for the SAT, GRE, GMAT, LSAT, TSE and TOEFL examinations, PWD provides high-quality, instructor-led preparation courses to prepare students academically and psychologically for these examinations.

PWD coordinators are skilled in needs assessment, program design and development, planning, budgeting, and evaluation. Programs employ a variety of instructional methods to ensure maximum educational effectiveness and encourage individual participation. Courses are taught by USF faculty or by experienced subject matter experts from the community. The appropriate USF academic unit approves all programs and instructors. PWD program coordinators are available to assist organizations, businesses and government in developing specialized programs to meet specific organizational goals and objectives.

Continuing Education Units (CEUs) are awarded to participants who successfully complete programs sponsored by PWD. One CEU equals 10 instructional contact hours. CEU transcripts are available on written request.

The Florida Center for Writers, a joint project of the Department of English and Professional and Workforce Development, was established to foster an appreciation of writing, and to help writers develop new markets for their work. The Center sponsors the annual Florida Suncoast Writers Conference, ongoing classes in writing, publication of Sunscripts: Writing from the Florida Suncoast Writers Conference, and various lectures and readings. PWD also offers courses in creative writing, personal finance and visual arts.

For more information, contact Professional and Workforce Development, Educational Outreach, University of South Florida, 4202 E. Fowler Avenue, MHH116, Tampa, FL 33620-6756; (813) 974-2403. Information is also available on the web at www.outreach.usf.edu/conted/pwd.htm

Conferences and Institutes

Conferences and Institutes plans and implements conferences, seminars, workshops, symposiums and institutes for University units and external sponsors. The Division provides comprehensive services including program development/planning, financial planning and management, fund development, promotion, instructional resources, registration, logistics, Continuing Education Units, on-site management, evaluation and certificates.

For additional information about developing programs or learning about upcoming programs, contact Conferences and Institutes, Educational Outreach, USF, 4202 E. Fowler Avenue, MHH 116, Tampa, FL 33620-6756; (813) 974-5731; fax (813) 974-1459; e-mail laurade@admin.usf.edu.
services and World Wide Web access. CALL/USF, the fee-based information service for community users, offers document delivery, and customized research.

Periodicals Collection: The Periodicals Collection is located on the second floor with service provided at the Periodical Information Desk and the Copier Assistance Desk. The collection contains more than 4,900 current periodicals and selected newspapers from Florida and major cities in the U.S. and foreign countries. A large collection of periodicals and newspapers in the microfiche and microfilm is also located in the Periodicals Microform Room. WebLUI and Internet workstations provide access to full-text databases and electronic journals. Also located here is a fee-based copy service as well as self-service photocopying equipment.

Government Documents Collection: The Library is a selective depository for United States government publications and a full depository for the public documents of Florida. The Government Documents Collection, which is housed in the basement of the Library, contains over 2 million items, including a wide variety of materials in print, microform, and electronic format. The Collection is augmented by the acquisition of United Nations reports and theses. Periodicals and selected reports of other public agencies, selected reference tools, and other specialized indexes and finding aids. Assistance with the location and use of publications in the Government Documents Collection is provided at the Reference Desk, which is located on the first floor of the Library. For access to a wide range of online government publications, please visit the Government Documents website at http://www.lib.usf.edu/virtual/govdocs.

Special Collections Department: Located on the fourth floor, this department houses the Library's rare books, Florida history and other special collections, as well as the University's archives. Its holdings total over one million items, with rare and unusual materials ranging from 4,000 year-old Sumerian tablets to modern fine printing. In addition to books, Special Collections houses thousands of historical photographs, early maps, sheet music, printed ephemera and oral histories. The department holds a number of major archival collections, including the papers of Florida governors, congressmen and other political leaders, the Research Collection on the Nixon Presidency, and the records of Tampa's Spanish, Cuban and Italian immigrant mutual aid societies. Also present are the papers and manuscripts of literary figures like Piers Anthony and Dion Boucicault. The department's strongest area of emphasis is Florida history, but it also houses notable collections of historical children’s literature, dime novels, early American society, cigar label art, and life-saving art. All the department’s photographs and other resources are accessible on-line. Further information is available through the department’s website at http://www.lib.usf.edu/spcoll.

Access Services (circulation, interlibrary services, reserve): Access Services is located on the first floor. The reserve collection contains books, while all articles are on electronic reserve. Faculty may request books and articles to be placed on reserve by going to http://www.lib.usf.edu/accsvc/restorm1.php. The Electronic Reserve System is accessible on the World Wide Web to any USF student. Circulating books that are shelved on the third through fifth floors can be checked out at the circulation service desk on the first floor. The Library uses an automated circulation system that facilitates easy and quick check out of books. Renewals can be done in person, by email or over the World Wide Web. A statement of the library’s circulation policy is available at the Access Services Service desk and on the USF Library’s home page. Interlibrary services can obtain materials from other libraries upon request. Thus students have access to resources beyond the on-site collections at each campus. Forms for requesting materials are located on the Library’s home page at http://www.lib.usf.edu/usflibraries/new.html.

Library Media Resources: The Library Media Resources provides media materials for instruction, research, and curriculum support. Videocassettes, sound recordings, CD-ROMs, slides, kits, and other audio-visual formats as well as music scores are available for loan. The Media Resources Lab provides equipment for individual use of all media in the collection and on reserve. Multi-media rooms are available for group use of the collection.

Instructional and Open-Use Labs: The Library supports three state-of-the-art labs of networked workstations. Two labs, located on the second floor, are reserved for library instruction. The third lab, located on the first floor is jointly maintained with Academic Computing as an open-use lab with facilities for word processing, electronic mail, and printing.


ACADEMIC COMPUTING

Web Site: http://www.acomp.usf.edu
Helpdesk: LIB 608, phone: (813) 974-1222, Florida toll-free: 1-866-974-1222, email: help-ac@usf.edu, web: http://help.acomp.usf.edu
AC Open-Use Lab: LIB 125, phone: 974-7616
AC Trainers: LIB 618A, phone: 974-3286, email: attrainers@mailacs.lib.usf.edu, web: http://www.acomp.usf.edu
Campus Network Information Site: http://www.acomp.usf.edu

Academic Computing provides services in direct support of instruction and research for students and faculty. Faculty at USF can find the resources and support necessary to bring technology into the classroom. Academic Computing administers the servers that are home to the on-line course system that provides a full suite of electronic tools for all classes. For more information see http://www.acomp.usf.edu/scholar. Additional services include broadcasting of public and academic lectures and forums over USF’s intranet at http://www.netcast.usf.edu.

Student support services are provided through the Academic Computing Help Desk, the Academic Computing open use computer lab, and the Academic Computing Training Center. Walk in assistance for computer questions is provided. All USF students are provided with computing accounts, email and Internet access. Registered students receive their automatically generated netid, computing account, and password at https://una.acomp.usf.edu. Other services include phone support, on-line help and tutorials, one-on-one chat with Help Desk technicians and training workshops. Employment opportunities for students are available. Check our web site at http://jobs.acomp.usf.edu for information.

Academic Computing provides the University with High Performance, High Throughput, and Numerically Intensive Computing through its Research Oriented Computing Services division. ROCS maintains two Beowulf class cluster computers and a Condor based grid-computing cluster. It also maintains and supports licensing of numerically intensive software. Training in some HPC subjects is available online from the ROCS website, http://rocs.acomp.usf.edu. Academic Computing supports the myUSF Portal. This Web Portal gives instructors the ability to put class materials, assessments, and discussion boards online easily. The Portal also makes available space for organizations, groups and clubs, and is customizable to make it more useful to every individual.

INFORMATION TECHNOLOGIES/CFRDC

Phone: (813) 974-9000
Web Address: http://usfweb.usf.edu/usftt

USF is the host institution for a large-scale computing facility designated as the Central Florida Regional Data Center (CFRDC). This facility operates as a computing unity within the State Board of Education and provides the primary administrative computing support to the University of South Florida and numerous other agencies. CFRDC is a division within Information Technologies (IT) and its support staff consists of Computer
Operations and Technical Support/Database Administration. Computing accounts are established through the IT Financial Management group.

Central site computing equipment located in the Student Services Building on the Tampa campus includes an IBM 9672 Model R32 Enterprise Server supporting tape and disk storage subsystems, laser and impact printers in the OS/390 operating system environment. CF/RC utilizes a number of SUN/Solaris/Oracle machines, part of USF IT's, NCF and USF's, Student, Financial, HR, and Payroll applications. Numerous NT servers support e-mail, web services and calendaring as well as file and print services. IT is heavily involved in the management and operation of the campus-wide backbone network and the L-2 initiative, providing access to research facilities on campus and the world. It also provides and supports the telephone and voice mail systems at all USF campuses, as well as other entities.

PUBLIC BROADCASTING

WUSF-TV (Channel 16, Tampa) is a noncommercial educational television station serving the communities of the Tampa Bay region as an important outreach arm of the University. One of the most watched public TV stations in Florida, WUSF-TV provides high-quality educational, instruction, informational, cultural, and public affairs television programming and services and broadcasts its programs in analog and digital TV. The station works closely with the School of Mass Communications to provide students with practicum experience. From its new state-of-the-art facility, it serves viewers in the greater Tampa-St. Petersburg/Sarasota areas including Polk, Pasco, and Hernando Counties, as well as USF faculty, staff, students, and other educational agencies. It also provides extensive production and multi-media services to USF academic and support services units including telecourses, training videos, and DVD projects as well as to corporate clients. The station is a member of the Public Broadcasting Service (PBS), National Educational Telecommunications Association (NETA), Florida Public Broadcasting Service Inc. (FPBS), and the American Public Television Station Inc. (APTS). WUSF-TV is a charter member of the Program Resources Group Inc. (PRG).

WUSF (FM) 89.7 MHz (WUSF 89.7, Tampa-St. Petersburg-Clearwater and Sarasota) is a listener supported public radio station that is well known for providing quality in-depth news, classical music, jazz and entertainment programs for the 21st largest radio market in the country. It is the second most listened-to public radio station in Florida and broadcasts in analog and HD radio. WUSF 89.7 features NPR signature programs such as Morning Edition and All Things Considered, as well as 74 hours of jazz each week night and provides entertaining programs such as Car Talk, A Prairie Home Companion, Wait Wait... Don't Tell Me and This American Life. WUSF 89.7 produces The University Beat, a program devoted to showcasing outreach efforts of the University of South Florida, and Gulf Coast Showcase, which focuses on the arts community and broadcasts locally recorded concerts from organizations such as the Florida Orchestra and La Musica of Sarasota. Live performances and interviews are regularly aired from the WUSF Performance Studio with some of the most talented national and local classical and jazz musicians in our area. Over 3.5 million people live within the coverage area which extends north to Crystal River, south to Venice and east to Winter Haven. The station provides production services, studio rental and recording services to the USF community and corporate clients.

The WUSF Radio Reading Service (RRS) improves the lives of listeners who have severely-impaired vision and other disabilities by broadcasting readings of newspapers, magazines, books, and shopping ads. The RRS can be heard 24 hours a day via special receivers that pick up the sub-carrier frequency of WUSF 89.7. These receivers are loaned to qualified listeners. The WUSF-RRS can also be heard on WUSF-TV/Channel 16’s Secondary Audio Program (SAP) channel. More than 200 volunteers read live and record from studios in Tampa and at the Sarasota Opera House.

OFFICE OF RESEARCH

Location/Phone: ADM 200, (813) 974-5570
Web Address: http://www.research.usf.edu/

Creative research and scholarly activities are essential aspects of the undergraduate educational experience at USF. The promotion and administration of such are the responsibilities of the Office of Research and its divisions, which provide services that enable USF faculty, staff, and students at all academic levels to be competitive in a dynamic research environment. The Office of Research oversees the administration of research contracts and grants, patents and copyrights, federal and state research compliance regulations, USF’s own internal award programs, economic development initiatives, public-private partnerships, research park development, technology transfer, and research activities at affiliated hospitals and institutes.

The Office of Research supports undergraduate research through the Honors College (contact Dr. Stuart Silverman, email: silverman@honors.usf.edu) and the Undergraduate Research Program (contact Dr. Georg Kleine, kleine@chuma1.cas.usf.edu). In addition, specialized research projects are supported by grants that offer financial support for students. An excellent undergraduate research experience is available through the College of Engineering’s Research Experience for Undergraduates (http://www.eng.usf.edu/%7Eschlafl/REU/; contact Dr. Rudy Schlafl, email: schlaf@eng.usf.edu). This program offers research assistantships supported jointly by the Office of Research and the College of Engineering, as well as select fellowships funded by the National Science Foundation. The Office of Research also supports the arts and, last year, to honor the anniversary of the discovery of DNA, sponsored an art competition for painting, computer imaging, and sculpting.

From developing a grant proposal or filing a patent, the Office of Research staff are trained professionals committed to meeting the needs of USF researchers. In turn, the dedication of USF students and faculty has contributed to the phenomenal growth in research that USF has experienced. In 2002/03, USF received more than $250 million in research funding—a 23% increase over 2001/02. USF got nearly half of its research funding from the federal government. The Health Sciences Center, which includes the Colleges of Medicine, Nursing, and Public Health, attracts the most funding with $120 million, followed by the College of Education, the College of Engineering, and the College of Marine Science with $25 million each, the Florida Mental Health Institute with $24 million, and the College of Arts & Sciences with $17 million, all of which have contributed to our tremendous growth as a research university.

In addition to the programs noted above, students can become involved in research by contacting faculty, who, with the support of private and public agencies, they contribute to our knowledge about the world in which we live and apply their findings and skills to solving many of the problems facing contemporary society. Many contributions evolve from basic research—others, from practical applications of new knowledge. USF encourages research as a vital part of the University’s instructional programs. Additional information about services and programs offered by the Office of Research is available at: http://www.research.usf.edu/.
The Honors College Research Major (HCRM) is designed primarily for Honors College (HC) students preparing for graduate or professional school, although it would be available to other HC students as well.

The HCRM is designed to be a second major. That is, in order to have an HCRM, a student would need to complete all requirements of a regularly offered USF major. (Credits = 30-36)

HCRM students would complete IDH 2010, 3100, 3350, 3600, 3400 and 4200, freshman English I and II, 2 semesters of mathematics and two semesters of a foreign language in order to meet USF General Education requirements. AP, IB, CLEP, dual enrollment and other acceptable forms of credit could be used to satisfy the English, math and foreign language requirements. (Credits = 18-42)

The HCRM would consist of 30 credit hours and would include courses to satisfy the USF Exit Requirements (IDH 4000 and six credits of IDH 4970).

The 30 hours would consist of 2 cognates, each containing a minimum of 12 credit hours. Each cognate would require a research project of at least 9 credit hours; the remaining hours could be appropriate coursework, independent study or an increased number of research hours.

One cognate would be directly related to the student’s primary major; the second cognate must be outside the department of the student’s major.

The student shall have a separate research committee for each cognate, consisting of a mentor and two faculty “readers”. The HC Dean shall approve the mentor, and the mentor shall approve the “readers”. The committee and student shall design the cognate courses of study and submit the written plan for HC approval.

The committee shall ensure that the student has an appropriate background in scientific method/experimental design/research tools. Research project format shall be discipline appropriate and clearly represent the number of credits earned.

Formal prospectus/proposal and final presentations will be required of each student in both cognates.

No grade below “B” will be accepted towards the HCRM.

Honors Faculty

Dean: Stuart Silverman; Associate Dean: Georg Kleine (Instructors for the Honors courses are recruited from among the University’s outstanding teacher-scholars).
MISSION
The School of Architecture and Community Design, founded in 1986, emphasizes architecture and community design proficiency, technical competency, and applied research that constitute thorough preparation for practice, now and into the 21st century. The School seeks to create environments in which students and faculty can:
- Experience and appreciate the poetry of architecture;
- Study the myriad forms of community and human habitat;
- Understand how past designs can inform future possibilities;
- Master the technologies necessary to create a sound, ecological world;
- Develop a vision of what such a world might be;
- And, then assume leadership roles in helping achieve this vision.

Students enrolled in the degree programs, or involved in the School’s research center—Florida Center for Community Design and Research—bring with them diverse educational and professional experiences in a variety of disciplines. Together, they create an ambience in which varied aspects of design, planning, development, history, culture, economy and the environment are explored as one comprehensive entity within a framework provided by one of the world’s most comprehensive professions: architecture.

The School nurtures students’ creative efforts, intellectual development, and judgment in individual and collective efforts to create the built environment. Students build professional skills and learn to function within a set of ethics consistent with community-based values. In recognition of the university’s unique location in one of the Southeast’s largest and fastest growing metropolitan areas, the School emphasizes urban architecture and related topics in the professional curriculum, as well as elective opportunities that focus on urban issues.

The School is also dedicated to making the public more aware of the importance of the natural, social, and built environment through active public service grounded in excellent education opportunities.

ARCHITECTURE STUDIES FOR UNDERGRADUATES
The School offers graduate degrees and certificates. In some circumstances, undergraduates can enroll in the Master of Architecture program before completing a baccalaureate degree (see below).

5-year (“2+3”) Master of Architecture Program
The 5-year Master of Architecture program involves a total of 172 credit hours of undergraduate and graduate work, leading to the professional Master of Architecture degree. No bachelor’s degree is awarded.

Before entering the program, students are to complete a minimum of 60 credit hours of general education and prerequisite courses at a community college (in an associate of arts architecture transfer program), the University of South Florida, or other universities.

Students are eligible to apply to the School of Architecture in the semester in which they anticipate completing general education and prerequisites. Assuming that the application is successful, students are admitted into the professional Master’s of Architecture track that involves 93 to 105 credit hour, depending on preparation. During the first three semesters (42 credit hours) students build an additional basis and must maintain a GPA of 3.0 and grades of a B minus or better in all required architecture courses.

Also note that “5 year+” students are classified as “undergraduates” for the first 120 credit hours of coursework and as “graduate students” for the remaining 40 to 52 credit hours.

Students are admitted into the Fall Semester. The first three semesters (Fall, Spring and Summer) involve full time study (15-16 hours per semester).

In order to enroll in the program, students must be accepted for admission into the University of South Florida. However, admission to the “5 year” program is a separate process from admissions to the university. The procedure consists of completing the “5 Year Master of Architecture” application form and returning it with the required materials to the School of Architecture.

For more information, visit www.arch.usf.edu, email information@arch.usf.edu, or call 813-974-4031.

Accelerated entry into M. Arch
The School encourages other upper level students to enroll in numerous current graduate level courses as electives within their individual majors. The School also offers ARC 4784 The City as an approved Exit Course and ARC 201 “Introduction to Architecture” as approved General Education courses. These courses provide broad awareness and understanding of history, theory and technology associated with the profession’s focus on urban built environments, as well as introductory architectural design and graphic skills. Credits earned in these graduate level courses on a non-degree seeking basis can be applied later toward advanced standing in the USF Master of Architecture curriculum by those students who meet the School’s admission standards.

Bachelor of Arts in Liberal Studies Program
The USF Bachelor of Arts degree in Liberal Studies (Architectural tracks) offers an accelerated entry track into the graduate professional architecture program. Students in this degree program, co-sponsored with the College of Arts and Sciences, begin taking graduate architecture classes as part of the undergraduate courses of study. Successful completion of architecture courses enables students to enter the Master of Architecture program with significant advanced standing.

RESEARCH AND OTHER ACTIVITIES
Florida Center for Community Design and Research
The Florida Center is a non-profit public service institute of the School of Architecture and Community Design. It was founded in 1986 to assist the citizens of Florida in the creation of more livable and sustainable communities through applied community design, multi-disciplinary research, and public education. The diverse staff includes architecture faculty and students, research scientists, and programmer analysts. In addition, the Center has affiliated faculty or graduate students from the Department of Anthropology, Biology, Fine Arts, Geography, and Social Work.

Lectures/Exhibits: Throughout the year, nationally and internationally known architects, planner, landscape architects, and others participate in the School’s lecture series. The School also exhibits outstanding work of students, alumni/ae, and professionals at galleries at USF and elsewhere in Tampa.

Student Groups: Students at USF have access to a wide range of activities within the School of Architecture and Community Design. The School also exhibits outstanding work of students, alumni/ae, and professionals at galleries at USF and elsewhere in Tampa.

Study Abroad: The School sponsors summer study abroad programs in London, Spain and other locations.
Accreditation and Licensure: Applicants for architectural licensure in Florida, and most jurisdictions in the United States, normally must have:

· earned a professional degree from a School accredited by the National Architectural Accrediting Board (NAAB)
· completed the Intern Development Program (IDP)
· passed the Architect Registration Examination (ARE)

According to the 1998 edition of the NAAB Conditions and Procedures:

“In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognized two types of degrees: The Bachelor of Architecture and the Master of Architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards. Masters degree programs may consist of pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.”

The Master of Architecture program at USF is fully accredited.
The College of Arts and Sciences is a community of scholars dedicated to the idea that educated people are the basis of a just and free society. The essences of education are a capacity for and an appreciation of social change within a context of prior human achievement. The faculty of the Arts and Sciences strive to instill in their students a history of human ideas, a sense of love for learning, and an understanding of the means that scholars have used in their search for beauty and order in the natural world.

The education provided by the disciplines of the Arts and Sciences is the foundation upon which the lives and professions of our students are built, and the basis from which personal growth occurs. The College of Arts and Sciences takes as its goal a melding of the natural, humanistic and social philosophies into a comprehensive whole that encourages the development of new ideas and new approaches to the understanding of our universe.

Great universities provide direction for their communities and service for their needs. The faculty of the Arts and Sciences as well as the staff, who support and encourage their work, explore their scholarly interests within the home and community created by the academic society. It is the responsibility of scholars to share their discoveries for the betterment of society. Thus, the Arts and Sciences embrace disciplines that strive to make immediate use of knowledge in the service of social goals as well as disciplines whose discoveries contribute to the fund of basic information that is the stepping stone of applied knowledge.

General Information

The College of Arts and Sciences Dean’s Office is located in Cooper Hall (CPR), Room 107. For additional information about the College, visit our web site at http://www.cas.usf.edu. Information regarding advising, admission to the College, graduation requirements, special programs, and department follows.

Community Initiative

Universities have become major actors in today’s knowledge-based society. As such they can no longer remain secluded ivory towers, removed from the social problems that surround them. Recognizing this, the College of Arts and Sciences launched the Community Initiative, a new focus that identifies the community outside the university as an integral part of its educational mission to acquire, disseminate, and apply knowledge. The Community Initiative develops concrete and integrated efforts to link the teaching, research, and service components of our College with the interests and needs of residential, community-based organizations and businesses in the local area. Two major components of the Community Initiative are the Urban Studies Certificate Program and the Community Experiential Learning (CEL) Program. The Urban Studies Certificate gives students the opportunity to supplement their education and training with a focus on the urban world around them. Through the Community Experiential Learning (CEL) Program students can explore the relationship between their classroom learning and the broader community as they do community-based independent research or internships.

Undergraduate Advising Information

The Arts and Sciences Office of Graduate and Undergraduate Studies, located in the Behavioral Science Building (BEH), Room 201, handles all student-related academic matters. Students contemplating a major in Arts and Sciences or who have specific questions about a department/major should make an appointment with an advisor in their area of interest. For a list of advisors, consult “Advising Inquiries” on the College of Arts and Sciences web page http://www.cas.usf.edu.

Undergraduate admission to the College of Arts and Sciences

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. Liberal Studies, Mass Communications, and Social Work are limited access degree programs and have additional requirements listed under “Departments and Programs.” Although Communications and Biology are not limited access programs, they do have restriction admission requirements.

Undergraduate students must submit a formal application for admission into the College. This usually occurs during orientation and advising for new students. This application is also available in the Arts and Sciences Office of Graduate and Undergraduate Studies (BEH 201) for continuing students. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the science curriculum, and students seeking entrance into a professional school or the medical technology internship program require specialized counseling. Therefore, immediate application for admission into the College is strongly recommended.

Information on admission criteria, departments, majors, programs, counseling and other services of the College may be obtained from the Office of Graduate and Undergraduate Studies (BEH 201), College of Arts and Sciences, University of South Florida, Tampa, Florida 33620 or visit our web site at http://www.cas.usf.edu.

General Requirements for B.A./B.S./B.S.W. Degree

Within the College of Arts and Sciences

The College of Arts and Sciences offers three undergraduate degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work. The Bachelor of Independent Studies is an external degree program in which the student proceeds at his/her own pace.

It is each student’s responsibility to meet graduation requirements:

1. Complete at least 120 accepted semester hours, 124 for Mass Communications, with a USF cumulative gpa and an overall gpa of 2.00.
2. Maintain major gpa of 2.00. Note: In English and Mass Communications students must have a 2.50 major gpa; Social Work requires a 2.75 major gpa, and the Biology major with a concentration in Marine Biology requires a 3.0 major gpa.
3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later. Students pursuing a B.A. degree must complete the Foreign Language Exit Requirement.

4. Students enrolling in a college in January, 1983 or after must satisfy State Rule 6A-10.30 (Gordon Rule) concerning computation and communications. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communications portion of the Gordon Rule.

5. Complete Liberal Arts Requirements (for more information, see section titled "Liberal Arts Requirements.")

General Education Requirements 36 hours credit:

- Six (6) hours credit in English Composition
- Six (6) hours credit in Quantitative Methods
- Six (6) hours credit in Natural Sciences
- Six (6) hours credit in Social Sciences
- Six (6) hours credit in Historical Perspectives
- Three (3) hours credit in Fine Arts
- Three (3) hours credit in African, Latin American, Middle Eastern, or Asian Perspectives

Exit Requirements 9 hours credit

- Six (6) hours credit in Major Works and Major Issues
- Three (3) hours credit in Literature and Writing

6. Elective Physical Education is limited to 2 semester hours.

7. ROTC is limited to 9 semester hours.

8. When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.

9. Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student's major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.

10. The Audit option is available only during the first 5 days of classes; none permitted later.

11. Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.

12. "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors. "D" grades are not acceptable for the major area in Communication, Communication Sciences and Disorders, English, History, Humanities, Mass Communications, Psychology, Social Work, and Sociology. Only one "D" is allowed in the major for Criminology. (Important! All grades including "D"s and "F"s are used to calculate gpa's for students in the College of Arts and Sciences.

13. Complete all major course requirements.

14. Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.

15. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.

16. Biology, Biological Sciences, Chemistry, Criminology, Economics, English, Gerontology, Interdisciplinary Natural Sciences, Mass Communications, Mathematics, Physics, Political Science, Religious Studies, and Sociology have established minimum major course hours to be taken in residency at USF. See the department section of the catalog for these credit-hour requirements. In addition, all students who have majors in arts and letters and in the social sciences must take a minimum of 80 hours outside of the major department.

17. Students must satisfy CLAST (College Level Academic Skills Test).

18. Transfer credit for MAT 1033 will only be acceptable towards a bachelor's degree in the College of Arts and Sciences if it was earned as part of an Associate of Arts degree awarded by a public community college in the State of Florida or is part of a Florida public community college transcript which explicitly indicates that general education or general distribution requirements have been met.

Turn in your graduation application to BEH 201 during the 1st to the 4th week of the semester in which you plan to graduate. Applications are not accepted late.

DEPARTMENTAL MINOR

Minors generally require half as many hours as required for the major. In order to help students develop some concentration in elective work taken in conjunction with their chosen major, the College of Arts and Sciences offers minors in the following: Africana Studies, American Studies, Anthropology, Biomedical Physics, Biomedical Sciences, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Policy, Foreign Languages, Geography, Geology, Gerontology, History, Humanities, International Studies, Mass Communications, Mathematics, Philosophy, Physics, Political Science, Psychology, Public Administration, Religious Studies, Sociology, and Women's Studies.

Certain restrictions apply to students earning a minor: (a) students may not use courses in the major for the minor; and (b) ISM majors may not earn a minor in any of the cognate areas incorporated in their contracts. In some departments, S/U grades within the minor curriculum are not countable. Specific requirements for the different minors appear under the departmental summaries listed under "Departments and Programs."

Baccalaureate-Level Degree Programs

The departments and programs in the College of Arts and Sciences include Africana Studies, American Studies, Anthropology, Biology, Chemistry, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Science and Policy, Geophysics, Geology, Gerontology, History, Humanities, Interdisciplinary Natural Sciences, Interdisciplinary Social Sciences, International Studies, Liberal Studies, Mass Communications, Mathematics, Medical Technology, Languages and Linguistics, Philosophy, Physics, Political Science, Psychology, Public Administration, Rehabilitation Counseling, Religious Studies, Social Work, Sociology, and Women's Studies. The College of Arts and Sciences offers 59 majors and 62 minors. The departments and programs in the College of Arts and Sciences include Africana Studies, American Studies, Anthropology, Biology, Chemistry, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Policy, Foreign Languages, Geography, Geology, Gerontology, History, Humanities, International Studies, Mass Communications, Mathematics, Philosophy, Physics, Political Science, Psychology, Public Administration, Religious Studies, Sociology, and Women's Studies.

BACHELOR OF ARTS (B.A.)

Africana Studies (AFA)
Anthropology (ANT)
Chemistry (CHM)
- Biochemistry Concentration (CBY)
- Health Professions Concentration (CHH)
Communication (SPE)
- Interpersonal and Organizational Concentration (SIO)
- Performance Concentration (SPM)
Public & Cultural Concentration (SPL)
Communication Sciences and Disorders
- Deaf Studies Concentration (DST)
- Interpreter Training Concentration (ITT)
- Speech-Hearing-Language Concentration (LSH)
Criminology (GCC)
Economics (ECO)
- English
- Creative Writing Concentration (CRW)
- English and American Literature (LIT)
- Professional and Technical Writing (CWT)
Geography (GYP)
- Environmental Concentration (EVG)
Urban Concentration (USG)
Geology (GLY)
Gerontology (GEY)
In the Community Experiential Learning (CEL) Program, students can work as an intern with a community organization/agency or to gain academic credit(s) upon completion. Students may choose to explore a community issue through independent research. The community can be as close as a neighborhood just beyond the campus or on the other side of the world. Students may participate in CEL anytime during their academic career. Good standing at the university and a 2.0 GPA is required for acceptance into the Program. CEL courses are offered throughout the entire year. Ideally, students should plan their CEL projects during the term prior to their implementation, but they can be added at any time during the term. Information may be obtained from Robin Jones, BEH 201, (813) 974-8452.

CERTIFICATES OF CONCENTRATION
Certificate Programs
The Certificate of Concentration is a short-term program for students who are interested in taking a series of courses in a selected area of Arts and Sciences, but are not necessarily interested in a degree. A minimum of 16 hours of approved course work is required. Students working for a Certificate of Concentration may register as non-degree or as degree-seeking students.

CERTIFICATE IN ASIAN STUDIES
The certificate in Asian Studies is designed for majors in any field who wish to gain a broad knowledge of a world area that is of unique importance.

Requirements for the Certificate in Asian Studies:
1. 18 semester hours from the courses listed below.
2. At least two courses must be from Group A and at least two courses must be from Group B. (Other relevant courses may be substituted with the approval of the program advisor.)
3. Students must declare their intention to be awarded the certificate by notifying the program advisor at least one full semester prior to graduation.
4. Students who fail to achieve a cumulative 2.5 GPA or higher in a selected area of Arts and Sciences, but are not necessarily interested in a degree. A minimum of 16 hours of approved course work is required. Students working for a Certificate of Concentration may register as non-degree or as degree-seeking students.

Courses credited toward the Asian Studies Certificate:

Group A
Art:
ARH 4530 (4) ARH 4796 (4)

Humanities:
HUM 3271 (4) HUM 3273 (4) HUM 4402 (4)
HUM 4404 (4) HUM 4405 (4)

Languages:
CHI 1120 (4) CHI 1121 (4) CHI 2200 (4)
CHI 2201 (4) CHI 4905 (1-5) CHI 4930 (1-5)
JPN 1120 (4) JPN 1121 (4) JPN 2000 (3)
JPN 2201 (3) JPN 4905 (1-5) JPN 4930 (1-5)

Religion:
REL 3330 (3) REL 4343 (4) REL 3350 (3)
REL 4333 (4) REL 4344 (4)

Group B
Geography:
GEA 3194 (4)*

History:
ASH 3404 (4) ASH 3501 (4)

Int’l Studies:
ASN 3012 (3) ASN 3014 (3) ASN 3105 (3)
INR 4900 (1-3)* INR 4910 (1-3)*
INR 4931 (1-4)*

Political Science:
CPO 4930 (3)* CPO 5934 (3)

* with approval by the Advisor for the Certificate in Asian Studies. The advisor for the Certificate in Asian Studies is Professor Dajin Peng. He may be contacted at SOC 373, 813-974-3787.
CERTIFICATE IN ITALIAN STUDIES

The College of Arts and Sciences and the College of Visual and Performing Arts offer a certificate in Italian Studies. The history of the geographic expression that today we call Italy is the sum of many particular histories and cultures. Yet, in their diversity and diaspora, the people of Italy have preserved, through time and place, a sense of common identity. For this reason, to understand the complexity of past and present experiences of Italians in the peninsula and of their descendants abroad, the Undergraduate Certificate in Italian Studies is designed with a broad interdisciplinary perspective.

The certificate will encompass courses in several departments in two colleges. The majority of courses will focus on the study of history and culture of the people who inhabit or originated from the Italian peninsula and the islands of Sardinia and Sicily from pre-historic times to the present. In addition, however, offerings will also focus on the Italian diaspora with specific reference to the experiences of people of Italian descent in the many nations in which they settled from the early 19th century to the present.

Students are required to take between 23 and 28 semester hours from a list of courses approved for the certificate. A Faculty Advisory Committee will coordinate the Certificate of Italian Studies. Students may receive credit for courses, not included in the below list, or (if circumstances require it) may substitute a required course with another, by petitioning and if approved by the Advisory Committee.

Study Abroad: Students in the Italian Studies Certificate program are strongly encouraged to study abroad for the summer, a semester or a year in the USF in Italy program or in any other accredited program. The Advisory Committee will determine which courses taken as part of the overseas experience will count toward fulfilling the requirements for the certificate.

For additional information, send a message to Dr. Domenic Ferarri or Dr. Fraser Ottanelli, Coordinators of the Certificate in Italian Studies at itastudies@chuma.cas.usf.edu.

NOTE: Students may apply a maximum of sixteen credits in the same department toward fulfilling the requirements for the certificate.

I. Language Requirement:
Students must demonstrate proficiency in Italian or complete two semesters of language courses chosen from the following courses.
ITA 1120 Beginning Italian I
ITA 1121 Beginning Italian II
ITA 2200 Intermediate Italian I
ITA 2240 Italian Conversation I
ITA 2241 Italian Conversation II
ITA 3420 Composition
LAT 1120 Beginning Latin I

II. Core Courses:
Each student will take three courses from the following list. However, only one course will be allowed from each department.

ARH 4301 Renaissance Art
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
His 3930 Renaissance Society
His 3930 The Italian Diaspora
HUM 4437 Italian Renaissance Culture

III. Elective Courses:
Students will take 6-8 credits of elective courses chosen from the following list:

Anthropology:
ANT 4143 European Archaeology
ANT 4930 Mediterranean Archaeology

Art History:
ARH 4796 The Renaissance Book [instructor’s consent]
ARH 4318 Venetian Art [instructor’s consent]

English:
LIT 4930 Italian Cinema

Government and International Affairs:
POT 4936 Selected Topics in Political Theory

History:
EUH 3412 Roman Republic
EUH 3413 Roman Empire
His 3930 The Italian Diaspora
His 3930 The Italian-American Experience
His 3930 The Rise of Rome
His 3930 The Punic Wars
His 3930 The Roman Revolution
His 3930 Renaissance Society
His 3930 Women and Men in Early Modern Europe

Humanities:
HUM 4437 Italian Renaissance Culture
HUM 4930 Italian Film and Music—Fellini and Rota
HUM 4930 Neo-Realism and the New Wave: Post World War II French and Italian Film

World Language Education:
CLA 3123 Roman Civilization
CLT 3102 Roman Literature in Translation
ITA 1120 Beginning Italian I
ITA 1121 Beginning Italian II
ITA 2200 Intermediate Italian I
ITA 2240 Italian Conversation I
ITA 2241 Italian Conversation II
ITA 3420 Composition
ITA 3470 Overseas Study
ITW 4100 Survey of Italian Literature I
ITW 4101 Survey of Italian Literature II
ITW 4905 Directed Study
LAT 1120 Beginning Latin I

Theatre:
THE 4480 The Theatre of Luigi Pirandello

Certificate in Latin American and Caribbean Studies

The College of Arts and Sciences offers a Certificate in Latin American and Caribbean Studies for students who wish to gain an intensive multi-disciplinary understanding of this important area. This certificate is designed for students who want to learn more about the region and have that knowledge formally recognized in their academic record.

The Certificate is granted to a person who takes a minimum of 15 semester hours of courses about Latin America and the Caribbean. One course must be taken in each of four areas: 1) Anthropology, 2) Geography/Government & International Studies, 3) History, and 4) Art/Humanities/Literature. A fifth course may be taken from a list of other courses or from one of the four core areas.

Students must also demonstrate proficiency in a Latin American or Caribbean language or have two semesters of relevant foreign language courses.

Study abroad programs are encouraged and will be credited toward the Certificate.

The following courses are a sample of courses offered that fulfill the certificate requirements. However, these should be considered as a partial list only. The student is strongly encouraged to review the Schedule of Classes each semester for current course offerings.
1) Anthropology  
ANT 4162 South American Archaeology  
ANT 4163 Mesoamerican Archaeology  
ANT 4340 The Caribbean  
ANT 4324 Mexico and Central America  
ANT 4930 Caribbean Popular Culture  

2) Geography/Government & International Affairs  
CPO 4930 Latin American Politics  
INR 4931 Latin American through Film  
LAS 3002 Latin America  

3) History  
AMH 3421 Early Florida  
LAH 2020 Latin American Civilization  
LAH 2734 Latin American History in Film  
LAH 3130 Colonial Latin America  
LAH 3200 Modern Latin America  
LAH 3430 History of Mexico  
LAH 3470 History of the Caribbean  
LAH 3930 Food in the Americas  
LAH 3930 US/Latin American Relations  
HIS 3930 Modern Central America  
HIS 3930 Revolutions in Latin America  
HIS 3930 Andean History  
HIS 3930 Latinos in the United States  

4) Art/Humanities/Literature  
ARH 4930 Latin American Art History  
HUM 4464 Latin American Culture Since 1492  
SPN 3520 Spanish American Civilization  
SPN 4930 Mexican Literature  
SPN 4930 Cuban Culture  
SPN 5135 Colonial Spanish American Literature  
SPN 5525 Modern Spanish American Literature  
SPT 2524 Women Writers of Latin America  
SPW 3030 Introduction to Hispanic Literature  
SPW 4131 Survey of Spanish American Literature  
THE 4434 Caribbean Theatre  

5) Others  
ECO 4935 The Economics of Latin America  
REL 3375 Issues in Caribbean Religions  

For information and advice about the certificate program, contact the Latin American and Caribbean Studies Office, CPR 474, or call 974-3547. The program is open to all majors. 

CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES  

The College of Arts and Sciences offers this certificate through the collaboration of the Departments of English, Geography, History, Humanities and American Studies, Government and International Affairs, Languages & Linguistics, and Philosophy. It is designed for majors in any field who wish to gain a multi-disciplinary understanding of a part of the world that has shaped much of our civilization and holds great significance for Americans in present and future. 

The student and the Coordinator will plan the individual course of study, which requires between 21 and 24 semester hours. Students must declare their intention to be awarded the certificate by notifying the Coordinator at least one full semester prior to graduation. A cumulative GPA of 2.5 in the certificate course work is required. Please contact Dr. Christine M. Probes at WLE CPR 107, (813) 974-2743, or by e-mail: probes@cas.usf.edu  

1) Language Requirement (6)  
Students will enroll in two additional semesters of the foreign language they have taken in fulfillment of the College of Arts and Sciences language requirement. 

2) Core Courses (9-10)  
Students will take a total of three courses from the following; one of them must be either EUS 3000 or GEA 3500. 

EUS 3000 Europe  
GEA 3500 Geography of Europe  
EUH 3206 History of Twentieth Century Europe  
HUM 3251 Studies in Culture: The Twentieth Century  
LIT 3144 Modern European Novel  
PHM 4331 Modern Political Philosophy  

3) Elective Courses (6-8)  

A. Overseas Experience  
Students should make Western European study and travel an important component of their academic work. They are required to enroll for at least 3 elective credit hours in courses that involve Western European study and travel. These may be taken in one of three ways:  
1. as IDS 4943 (Off-Campus Term International Program),  
2. as one or two of the courses listed below as Elective Courses, or  
3. as part of overseas study courses offered by other USF colleges and other universities.  

*Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.* 

B. English (3)  
ENL 3230 British Literature 1616-1780  
ENL 3251 British Literature 1780-1900  
ENL 3273 British Literature 1900-1945  
ENL 3331 Early Shakespeare  
ENL 3332 Late Shakespeare  

C. History (1-4)  
EUH 3142 Renaissance and Reformation  
EUH 3202 History of 17th and 18th Century Europe  
EUH 3205 History of 19th Century Europe  
EUH 3206 History of 20th Century Europe  
EUH 3461 German History to 1870  
EUH 3462 German History 1870 to Present  
EUH 3501 British History to 1688  
EUH 3502 British History 1688 to Present  
HIS 3930 Special Topics  
HIS 4900 Directed Reading  

D. Humanities and American Studies (1-4)  
HUM 4437 Italian Renaissance Culture  
HUM 4438 Northern Renaissance Culture  
HUM 4440 Arts and Letters in the 17th and 18th Centuries  

E. Government and International Affairs (3)  
POT 4054 Modern Political Theory  

F. Languages and Linguistics (1-4)  
(Note: the student should take courses from the list below after completing the two additional semesters of the foreign language requirement (see 1) or, if already advanced in a language, with the instructor's approval. 

EUH 3206 History of Twentieth Century Europe  
HUM 3251 Studies in Culture: The Twentieth Century  
LIT 3144 Modern European Novel  
PHM 4331 Modern Political Philosophy  

A structured alternative experience in the United States may be substituted for the Overseas Experience. The Certificate accepts IDS 4943 (Off-Campus Term Special Project) or any of the courses listed below as Elective Courses for credit for this requirement. Coordinator, Advisory Committee and student will tailor the experience to fit the student's individual needs. 

*Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.* 

Western European study and travel allows students to concentrate on one of the areas of electives. Students may want to use overseas experience credits to fulfill their summer enrollment requirement. 

Students should make Western European study and travel an important component of their academic work. They are required to enroll for at least 3 elective credit hours in courses that involve Western European study and travel. These may be taken in one of three ways:

1. as IDS 4943 (Off-Campus Term International Program),
2. as one or two of the courses listed below as Elective Courses, or
3. as part of overseas study courses offered by other USF colleges and other universities.

*Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.*
These courses are generally taught in the target language.

FRENCH
- FRE 3230 Reading in French Literature and Culture
- FRE 3440 French for Business
- FRE 3500 French Civilization
- FRW 4100 Introduction to French Novel
- FRW 4101 Introduction to French Drama and Poetry
- FRE 4905 Directed Study
- FRE 4930 Selected Topics

GERMAN
- GER 3500 German Civilization
- GET 3100 German Literature in English
- GEW 4100 Survey of German Literature I
- GEW 4101 Survey of German Literature II
- GEW 4900 Directed Study
- GEW 4930 Selected Topics

ITALIAN
- ITW 4100 Survey of Italian Literature I
- ITW 4101 Survey of Italian Literature II
- ITW 4905 Directed Study

SPANISH
- SPN 3440 Spanish for Business
- SPN 3441 Advanced Spanish for Business Writing
- SPN 3500 Spanish Civilization
- SPW 3030 Introduction to Hispanic Literature
- SPW 4100 Survey of Spanish Literature I
- SPW 4101 Survey of Spanish Literature II
- SPW 4900 Directed Study
- SPW 4930 Selected Topics

G. Philosophy (3)
- PHP 3420 History of Philosophy
- PHP 4440 Continental Philosophy
- PHP 4331 Modern Political Philosophy
- PHP 3786 Existentialism
- PHP 4410 Kant
- PHP 4740 The Rationalists
- PHP 4745 The Empiricists

Courses not included in the above list may be included in the program if approved by the Coordinator and an Advisory Committee.

CERTIFICATE IN RUSSIAN STUDIES
The College of Arts and Sciences offers a Certificate in Russian Studies for students who wish to gain an intensive multidisciplinary understanding of this important area. A minimum of 23 to 26 semester hours is required of all students seeking such a certificate, and will be distributed in the following manner:

Language-Linguistics-Literature
Twelve hours from the following courses, 8 of which must be in language:
- LIN 4930 Selected Topics in Linguistics* (1-3)
- RUS 2200 Russian III (4)
- RUS 2201 Russian IV (4)
- RUS 3240 Conversation I (4)
- RUS 3500 Russian Civilization (3)
- RUS 4241 Conversation II (4)
- RUT 3110 Russian Classics in Translation (3)
- RUT 3111 Twentieth Century Russian Literature in Translation (3)
- RUS 2270 Overseas Study (1-6)
- RUS 3470 Overseas Study (1-6)
- RUS 4471 Overseas Study (1-6)

History-Political Science-Economics
Six to eight hours from the following courses:
- CPO 2002 Introduction to Comparative Politics (3)
- CPO 4930 Comparative Government and Politics* (3)
- ECO 4323 Radical Political Economy (3)
- ECO 4935 Russian Political Economy (3)

- EUH 3574 Russian History to 1865 (4)
- EUH 3576 Russian History from 1865 to Present (4)

International Studies-Geography-Philosophy:
Six to eight hours from the following courses:
- EUS 3022 Russia (3)
- GEA 3554 Geography of Russia Eurasia (4)
- INR 5086 Issues in International Relations (3)
- INR 3018 World Ideologies (3)
- INR 3770 Comparative Military Systems (3)
- INR 4900 Directed Readings* (1-4)
- INR 4910 Directed Research* (1-4)
- INR 3955 Overseas Study* (1-6)
- INR 4931 Selected Topics* (1-4)
- PHP 4788 The Philosophy of Marxism (3)

*When topic is defined as Russian or directly related area.

Other courses may be substituted for those listed above upon approval of the Russian Studies coordinator.

CERTIFICATE IN URBAN STUDIES
The Urban Studies Certificate offers students the opportunity to supplement their education and training with a focus on the problems and potentials of the urban world around us. Eighty percent of Americans live in one of the country’s nearly 400 major metropolitan areas. Understanding the economic, social, cultural, political and spatial phenomena of urban areas, and how they came to be, is essential if one is to thrive in today’s world. The Urban Studies curriculum begins with an interdisciplinary Introduction to Urban Studies and then weaves the multidisciplinary urban offerings into a coherent understanding of urban life. The Urban Studies Coordinator helps each student fashion a curriculum that meets his/her unique intellectual and career needs. The curriculum, through its courses and internship possibilities, focuses on the “real world,” thus providing students with a valuable foundation for their career planning and advancement. With the help of the Urban Studies Coordinator, students can design concentrations in urban planning, urban management, community development, community organizing, etc. The Certificate requires a minimum of 24 credits.

1) Core Courses (9-10 credits)
- URS 3002 Introduction to Urban Studies (3)
- ANT 4442 Urban Life and Culture (3)
- ARC 4784 The City (3)
- ECP 3613 Economics of the Urban Environment (3)
- GEO 3602 Urban Geography (4)
- ISS 3930 Community Studies (3)
- ISS 4162 City and Urbanization (3)
- POS 3142 Introduction to Urban Politics and Government (3)
- SYD 4410 Urban Sociology (3)

Courses may have prerequisites within the discipline.

2) Methods Courses (select 1 of the following: 3-4 credits)
- ANT 4945 Methods in Cultural Research (3)
- ANT 4930 Social Networks (3)
- ECO 4935 Economics Statistics (3)
- POS 3713 Empirical Political Analysis (3)
- STA 2122 Social Science Statistics (3)
- SYA 3300 Research Methods (3)
- SYA 3310 Qualitative Inquiry (3)
- GEO 3164C Quantitative Methods (4)
- GEO 4100C Cartography (4)
- GEO 4114C Geographic Techniques and Methodology (4)
- GEO 4154C Geographic Information Systems (4)
- GEO 3164C Quantitative Methods (4)

Courses may have prerequisites within the discipline.

3) Electives (select 4 from the following list or from the CORE COURSES not counted above: minimum of 12 credits)

- EUH 3574 Russian History to 1865 (4)
- EUH 3576 Russian History from 1865 to Present (4)
- EUS 3022 Russia (3)
- GEA 3554 Geography of Russia Eurasia (4)
- INR 5086 Issues in International Relations (3)
- INR 3018 World Ideologies (3)
- INR 3770 Comparative Military Systems (3)
- INR 4900 Directed Readings* (1-4)
- INR 4910 Directed Research* (1-4)
- INR 3955 Overseas Study* (1-6)
- INR 4931 Selected Topics* (1-4)
- PHP 4788 The Philosophy of Marxism (3)
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<td>PAD 5807</td>
<td>Administration of Urban Affairs</td>
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<td>Social Work</td>
<td>SOW 3203</td>
<td>The American Social Welfare System</td>
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<td>Sociology</td>
<td>SYO 3120</td>
<td>Sociology of Families</td>
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<td>SYO 3530</td>
<td>Poverty, Inequality, and Stratification</td>
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<td>SYD 3700</td>
<td>Racial and Ethnic Relations</td>
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<td>SYP 4510</td>
<td>Sociological Aspects of Deviance</td>
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<tr>
<td></td>
<td>SYP 4530</td>
<td>Sociology of Juvenile Delinquency</td>
<td>3</td>
</tr>
</tbody>
</table>

Information and advice about the certificate program may be obtained from Robin R. Jones. Call (813) 974-8452 or email jones@chuma1.cas.usf.edu. The Office is located in BEH 201.

**Health Professions**

The University of South Florida is an excellent location to prepare for a career in the health professions. The Veterans Administration Hospital, University of South Florida Medical Center, Shriner's Hospital for Crippled Children, H. Lee Moffitt Cancer Center and Research Institute, University of South Florida Mental Health Institute, and University Community Hospital are within walking distance of the campus and offer students excellent opportunities for observation, research, and experience.

The College of Arts and Sciences offers programs designed to prepare students for admission to professional schools of medicine, osteopathic medicine, chiropractic medicine, dentistry, optometry, podiatry, veterinary medicine, pharmacy, physician assistant, and physical therapy. Most of these professions require four years of preprofessional preparation followed by four years of training in a professional school. A few well-prepared students with exceptional qualifications may be admitted to some professional schools as early as the completion of the junior year of preprofessional work. The preprofessional programs do not meet requirements for a degree; therefore, students must choose a major in addition to fulfilling their pre-professional requirements. Most preprofessional students major in biology, biomedical sciences, or chemistry because of their interests in the health sciences, and the considerable overlap between the preprofessional curriculum and the degree requirements for those majors. Entrance into all professional schools or programs is competitive, and students should begin establishing a record of excellence with the first semester at USF.

Furthermore, it is essential that students pursue courses establishing a record of excellence with the first semester at USF. Additionally, those interested in the health professions should contact the College of Arts and Sciences during the first semester at USF to declare their interest in a health professions program.
Requirements for Health Professions Schools

These courses prepare students for admission to professional schools of chiropractic medicine, dentistry, medicine, osteopathic medicine, podiatric medicine, optometry, veterinary medicine, and pharmacy. All of these professional schools have in common the following course requirements, which should be completed by the end of the junior year, the usual time of application:

**Biology**
- BSC 2010, 2010L Biology I: Cellular Processes (3,1)
- BSC 2011, 2011L Biology II: Diversity (3,1)

**Chemistry**
- CHM 2045, 2045L General Chemistry I (3,1)
- CHM 2046, 2046L General Chemistry II (3,1)
- CHM 2210, 2210L Organic Chemistry I (3,2)
- CHM 2211, 2211L Organic Chemistry II (3,2)

**Physics**
- PHY 2053, 2053L General Physics I (3,1)
- PHY 2054, 2054L General Physics II (3,1)

In addition to these requirements it is generally expected that preprofessional students will complete two semesters of English and mathematics appropriate for their degree. Some schools require calculus and some require one or two courses in biochemistry. CLEP credit usually is not accepted by professional schools, and some schools do not accept AP or IB credits. Students should check with the school of their choice regarding credit.

Specific Requirements for Chiropractic School

In addition to completing the basic preprofessional requirements listed under Requirements for Health Professions Schools, students should check requirements of individual schools, which may include courses such as speech and psychology. Although some chiropractic schools may require only 90 semester hours for admission, the State of Florida requires that students have earned a bachelor’s degree prior to beginning chiropractic studies in order to be licensed.

Specific Requirements for Dental School

Most dental schools require the courses listed under Requirements for Health Professions Schools. The University of Florida and Nova Southeastern have the following required and recommended courses. However, students are encouraged to check with individual schools regarding specific admission requirements.

Required by University of Florida and strongly recommended by Nova Southeastern:
- BCH 3023 Introductory Biochemistry (3)

Strongly Recommended:
- BCH 3023L Basic Biochemistry Lab (2)
- MCB 5235 Principles of Immunology (3)

Recommended:
- Business management (3)
- Speech/communication (3)

Additionally, the University of Florida requires and recommends:

Required:
- MCB 3020C General Microbiology (4)
- PCB 3063, 3063L General Genetics (3,1)
- PSY 2012 Psychological Science I (3)

Strongly Recommended:
- MAC 2241 OR MAC 2311 Calculus (4)
- STA 2023 Introductory Statistics (4)
- Logic (3)
- Sociology (emphasis on Diversity) (3)

Recommended:
- Conversational Spanish (3)

Specific Requirements for Medical School (including Osteopathic and Podiatric schools)

The basic requirements for medical schools are the courses listed under Requirements for Health Professions Schools. In addition, the following courses are required and/or strongly recommended. Students should check individual schools for additional requirements.

Required by Florida State University and University of Florida; recommended by University of Miami
- BCH 3023, 3023L Introductory Biochemistry (3,2)

Required by Florida State University
- CHS 4300 Fundamentals of Clinical Chemistry (3)

Strongly recommended by University of South Florida
- MAC 2241 Life Sciences Calculus I (4)
  or
- MAC 2281 Engineering Calculus (4)
  or
- MAC 2311 Calculus I (4)

Specific Requirements for Optometry School

Optometry schools differ somewhat in their admissions requirements. In addition to the common list of courses under Requirements for Health Professions Schools, most schools require the following courses:

**Biology**
- MCB 3020C General Microbiology (4)

**Mathematics**
- MAC 2241 Life Science Calculus I (4)
  or
- STA 2023 OR STA 2122 Statistics (4,3)

**Psychology**
- PSY 2012 Psychological Science I (3)

Students should check requirements of individual schools and complete requirements for those schools where they plan to apply for admission.

Specific Requirements for Veterinary School

The University of Florida College of Veterinary Medicine is the only veterinary school in the state. Admission into veterinary school is highly selective, and to be competitive students should obtain experience working with animals, preferably through employment with a veterinarian. Pre-veterinary students should complete a degree in the major of their choice while including the above classes and:

**Biology**
- MCB 3020C General Microbiology (4)
- PCB 3063, 3063L General Genetics (3,1)
Specific Requirements for Pharmacy School

Most pharmacy schools require a minimum of 60 semester hours and the basic science courses listed under Requirements for Health Professions Schools. In addition, specific courses in microbiology, biochemistry, anatomy and physiology, speech, computer literacy, economics, humanities, and social sciences are required or recommended. Due to the variations in admission requirements among the pharmacy schools, students should check with the school of their choice.

Specific Requirements for Physician Assistant School

Physician assistant schools have slightly different requirements from other health profession schools. All physician assistant schools require or strongly recommend the following courses:

**Biology**
- BSC 2093* Human Anatomy and Physiology I (3)
- BSC 2094 Human Anatomy and Physiology II (3)
- MCB 3020C General Microbiology (4)

**Chemistry**
- CHM 2045, CHM 2045L General Chemistry I (3,1)
- CHM 2046, CHM 2046L General Chemistry II (3,1)
- CHM 2210 Organic Chemistry I (3)
- OR
- BCH 3023* Introductory Biochemistry (3)

*Note: At USF, BSC 2093 and BCH 3023 have prerequisites that are not always required by the physician assistant programs. See the course descriptions for more information. Some programs may also require Anatomy labs.

In addition, Biology I and II (BSC 2010 and 2011) are also required by some physician assistant programs. Many schools require the second semester of organic chemistry, an additional upper-level course in biology, courses in psychology and/or sociology, public speaking (SPC 2600), at least one math course (MAC 1105 and STA 2023 are often recommended), and a course in medical terminology (CLT 3040 or HSC 4033). Students should always check with the schools they are interested in to ensure the completion of all requirements for those schools.
Plus two of the following biology courses, including at least one with a laboratory (minimum 7 semester hours):

- PCB 3023, 3023L Cell Biology (lab optional) (3-4)
- PCB 3063, 3063L General Genetics (lab optional) (3-4)
- MCB 4502 Virology (3)
- MCB 4115 Determinative Bacteriology (5)
- MCB 5815 Medical Mycology (3)
- PCB 4064 Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Lab (1)
- PCB 5235 Principles of Immunology (3)
- ZOO 3323C Anatomy of Chordates (4)
- ZOO 3713 Comparative Vertebrate Anatomy (4)
- ZOO 4603 Animal Embryology (4)
- ZOO 4753C Histology (3)

Chemistry

- CHM 2045, 2045L General Chemistry I (3,1)
- CHM 2046, 2046L General Chemistry II (3,1)
- CHM 2210, 2210L Organic Chemistry I (3,2)
- CHM 2211, 2211L Organic Chemistry II (3,2)
- BCH 3023 Introductory Biochemistry (3)

Physics

- PHY 2053, 2053L General Physics I (3,1)
- PHY 2054, 2054L General Physics II (3,1)

Mathematics

- MAC 2241, MAC 2311, or MAC 2281 Calculus (4,4,3)

Plus either the second semester of a calculus sequence OR

- STA 2023 Introductory Statistics I (4)

4. Completion of the University’s General Education and Exit Requirements.
5. Completion of the last 30 hours prior to transfer to a medical or dental school in residence at the University of South Florida.
6. Application for the degree must be received no later than two years from the date of entrance into the professional school.

Students admitted to professional schools of veterinary medicine, optometry, or podiatric medicine prior to completion of their degree may also be able to transfer courses from the professional school and receive their bachelor’s degree. However, approval of the courses to be transferred must be obtained on an individual basis from the College of Arts and Sciences, and in some cases it may be necessary for students to complete more than 90 hours prior to leaving the University of South Florida.

TEACHER EDUCATION PROGRAMS

The College of Arts and Sciences offers B.A. and M.A. degree programs for secondary school teachers and the M.A. degree for junior college teachers.

B.S. Degree ProgramS for Secondary School Teachers

The College of Arts and Sciences in cooperation with the College of Education offers degree programs in Mathematics, Biology, Chemistry, Physics, English, Foreign Language, and Social Science Education. Prospective students should consult the College of Education portion of this catalog under the heading Department of Secondary Education for degree requirements.

DEPARTMENTS AND PROGRAMS

- AFRICANA STUDIES (AFA)

Africana Studies is a liberal arts program offering both a major and a minor. This program provides all students with the opportunity to study the history, culture and lived experiences of people of African descent in the United States, Africa, the Caribbean, and elsewhere; study the influence of Africa and people of African descent on world and U.S. thought, culture, and politics; study the social construction and consequences of race and racism; develop needed critical thinking skills to address the often narrow and Eurocentric bias in the current knowledge base; and examine their personal experiences, prejudices, and possible contributions in a multi-racial, multi-cultural society.

Students who major or minor in Africana Studies have the option of emphasizing African American Studies (including the Caribbean), African Studies, or African and African Diaspora Studies. Admission to the Africana Studies major or minor is open to all students who have been duly admitted to the University of South Florida.

Recommended Prerequisites (State Mandated Common Prerequisites)

The department encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

If you transfer with fewer than 60 semester hours of acceptable credit, you must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible, in General Education/Gordon Rule courses.

AFA2000 Introduction to the Black Experience

- In Africa & Its Diaspora 3
- AFS 2250 Culture and Society in Africa 3
- AMH 3571 African-American History I 3
- AMH 3572 African-American History II 3

There are no State Mandated Common Prerequisites for this degree program.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Requirements for the Major in Africana Studies

Beyond the recommended prerequisites, the major in Africana Studies consists of a minimum of 36 hours. Students may choose an area of emphasis in African American Studies, African Studies, or Africana Studies (both). The requirements for the majors are as follows:

Major requirements for the B.A. Degree (36 Credit Hours)

- AFA 2000 Introduction to the Black Experience in Africa and its Diaspora (3)
- AFH 3100 African History to 1850 (3)
- AFH 3200 African History Since 1850 (3)
- AMH 3571 African-American History I (3)
- AMH 3572 African-American History II (3)

Select any seven courses. Students may choose to emphasize African American Studies, African Studies or African and African Diaspora Studies. (21 credit hours)
African American Studies (Suggested)

- AFA 4313 Black English (3)
- AFA 4331 Social Institutions and the African American Community (3)
- AFA 4335 Black Women in America (3)
- AFA 4340 Black Towns and Communities (3)
- AFA 4350 African American Community Research (3)
- AFA 4400 Middle Passage (3)
- AFA 4500 Slavery in the Americas and Caribbean (3)
- AFA 4931 Selected Topics in African Studies (1-3)
- AFH 3200 African History Since 1850 (3)
- AMH 3571 African American History To 1865 (3)
- AMH 3572 African American History Since 1865 (3)

Elective Classes (Select 9 Hours)

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- AFA 4335 Black Women in America (3)
- AFA 4931 Selected Topics in African Studies (1-3)
- CPO 4204 Government and Politics of Africa (3)
- CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
- HUM 2420 Arts and Music of the African People (3)
- INR 4254 Africa in World Affairs (3)
- PMH 4120 Major Black Thinkers (3)

African American Studies-Option II

Required Core Classes (9 Hours)

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- AFA 4335 Black Women in America (3)
- AFA 4931 Selected Topics in African Studies (1-3)
- CPO 4204 Government and Politics of Africa (3)
- CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
- HUM 2420 Arts and Music of the African People (3)
- INR 4254 Africa in World Affairs (3)
- PMH 4120 Major Black Thinkers (3)

African American Studies-Option III

Required Classes (9 Hours)

- AFA 4150 Africa and the United States (3)
- AFA 4931 Selected Topics in African Studies (1-3)
- CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
- HUM 2420 Arts and Music of the African People (3)
- INR 4254 Africa in World Affairs (3)

Electives (Select 9 Hours)

- AFA 4150 Africa and the United States (3)
- AFA 4931 Selected Topics in African Studies (1-3)
- CPO 4244 Government and Politics of East, Central, and Southern Africa (3)
- HUM 2420 Arts and Music of the African People (3)
- INR 4254 Africa in World Affairs (3)

- AMERICAN STUDIES (AMS/HUM)

See “Humanities & American Studies.”

- ANTHROPOLOGY (ANT)

Anthropology aims at comprehending people as biological and social beings. It is concerned with all forms of people through time and space. One consequence of this broad-ranging view is the presence within anthropology of four branches: archaeology, biological anthropology, cultural anthropology, and linguistics. Exposure to anthropological information and the cross-cultural perspective produces heightened sensitivity in the student to the world about him/her. This helps the student to adopt an intellectual posture of disciplined skepticism with respect to any scheme that purports to define and account for regularities in human life. The Department of Anthropology is concerned with applying anthropological knowledge, theory, method, and perspectives to problems of contemporary society. Illustrative areas of activity include human services needs assessment, program planning and evaluation, public archaeology, social and environmental impact assessment, and public policy analysis.

In 1986 the department instituted an honors program to provide its best students with an opportunity to engage in a significant academic experience. Outstanding seniors may participate in a year-long course of study and original research in an area of their choosing under the guidance of a faculty mentor.
Students majoring in other fields may find anthropology coursework an exciting and valuable supplement to their primary academic interest. A minor in anthropology has been developed with this purpose in mind. The minor program is structured to allow the student maximum flexibility in course selection within a broadly defined progression of anthropological concerns. Thus, the student is able to tailor a minor in anthropology to best suit special wants and needs in the context of an overall curriculum.

For additional information about the department please visit our web site: http://www.cas.usf.edu/anthropology/index.html

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree at the community college. Students should complete two lower level, introductory courses in Anthropology prior to entering the university. If not taken at the community college, they must be completed before the degree is granted. Some courses required for the major may also meet General Education Requirements thereby transrating maximum hours to the university. A grade of "C" is the minimum acceptable grade. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Anthropology

Beyond the recommended prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. ANT 2000 is prerequisite to all subsequent courses. ANT 3101, ANT 2410, ANT 2511 and ANT 3610 are required as intermediate level training in the main subdivisions of the field, and ANT 4034 and ANT 4935 complete the specific requirements. Majors are required to complete a minimum of 15 hours of 4000-level elective coursework, including courses from at least three of the four subfields shown below.

Required Core Courses

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>(4)</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 2511</td>
<td>Biological Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 3101</td>
<td>Archaeology</td>
<td>(3)</td>
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<tr>
<td>ANT 3610</td>
<td>Anthropological Linguistics</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4034</td>
<td>Theories of Culture</td>
<td>(3)</td>
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<tr>
<td>ANT 4935</td>
<td>Rethinking Anthropology</td>
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Archaeology

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<tr>
<td>ANT 4142</td>
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<tr>
<td>ANT 4143</td>
<td>European Archaeology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4147</td>
<td>Environmental Archaeology</td>
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<tr>
<td>ANT 4153</td>
<td>North American Archaeology</td>
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<td>ANT 4158</td>
<td>Florida Archaeology</td>
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<td>ANT 4165</td>
<td>South American Archaeology</td>
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<td>ANT 4163</td>
<td>Mesoamerican Archaeology</td>
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<td>ANT 4172</td>
<td>Historical Archaeology</td>
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<td>ANT 4180</td>
<td>Laboratory Methods in Archaeology</td>
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<td>ANT 4181</td>
<td>Museum Methods</td>
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<td>ANT 4183C</td>
<td>Archaeological Science</td>
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<tr>
<td>ANT 4195</td>
<td>Fantastic Archeology</td>
<td>(3)</td>
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<tr>
<td>ANT 4824</td>
<td>Archaeological Field Methods</td>
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Biological Anthropology

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<tr>
<td>ANT 4520</td>
<td>Forensic Anthropology</td>
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<tr>
<td>ANT 4586</td>
<td>Prehistoric Human Evolution</td>
<td>(3)</td>
</tr>
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<td>ANT 4587</td>
<td>Human Variation</td>
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Anthropological Linguistics

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<tr>
<td>ANT 4620</td>
<td>Language and Culture</td>
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<td>ANT 4750</td>
<td>Language and Social Interaction</td>
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Cultural Anthropology

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<tr>
<td>ANT 4231</td>
<td>Folklore</td>
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<tr>
<td>ANT 4241</td>
<td>Magic and Religion</td>
<td>(3)</td>
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<tr>
<td>ANT 4285</td>
<td>Oral History</td>
<td>(3)</td>
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<tr>
<td>ANT 4302</td>
<td>Gender in Cross-Cultural Perspective</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4312</td>
<td>North American Indians</td>
<td>(3)</td>
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<tr>
<td>ANT 4316</td>
<td>Ethnic Diversity in the United States</td>
<td>(3)</td>
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<tr>
<td>ANT 4323</td>
<td>Mexico and Central America</td>
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<tr>
<td>ANT 4340</td>
<td>The Caribbean</td>
<td>(3)</td>
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<tr>
<td>ANT 4390</td>
<td>Visual Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4432</td>
<td>The Individual and Culture</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4442</td>
<td>Urban Life and Culture</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4462</td>
<td>Health, Illness, and Culture</td>
<td>(3)</td>
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<tr>
<td>ANT 4495</td>
<td>Methods in Cultural Research</td>
<td>(3)</td>
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<tr>
<td>ANT 4701</td>
<td>Applied Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>URS 3002</td>
<td>Introduction to Urban Studies</td>
<td>(3)</td>
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</tbody>
</table>

Anthropology majors are urged to become competent readers and speakers of a relevant modern foreign language (which may include American Sign Language). They are also urged to enhance their English reading, writing, speaking and critical thinking capabilities and develop their skills in computational, statistical and other forms of quantitative analysis at every opportunity. Students are encouraged to fulfill General Education and Exit requirements with courses relevant to their interests in anthropology whenever possible. In pursuit of these goals, they should meet with the department’s Undergraduate Advisor at least once each semester to discuss such topics as academic progress, future course plans, Department Honors Program, summer field schools, job opportunities, graduate education and professional careers in anthropology.

Requirements for the Minor in Anthropology

The minor in Anthropology consists of a minimum of 18 credit hours with a "C" average (2.0), distributed among three areas. Students will normally progress through these areas in the order listed below, selecting courses prerequisite or otherwise appropriate to courses desired in subsequent areas. Exceptions to this pattern must be approved by the department’s undergraduate advisor. Students are urged to consult with advisor to create the most beneficial set of courses.

1. 2000-level required core course (4 credit hours)
   ANT 2000 Introduction to Anthropology

2. Intermediate-level core courses (3-6 credit hours)
   ANT 2410 Cultural Anthropology
   ANT 2511 Biological Anthropology
   ANT 3101 Archaeology
   ANT 3610 Anthropological Linguistics
   ANT 4034 Theories of Culture
   ANT 4935 Rethinking Anthropology

3. 4000-level elective courses (9-12 credit hours)
   As described above in the listing of elective courses in archaeology, physical anthropology, anthropological linguistics and cultural anthropology.

Requirements for the Anthropology Honors Program

The purpose of the Honors Program is to provide outstanding Anthropology undergraduates with advanced, individually tailored training in areas of anthropology of interest to them. The program, operating independently of the major itself, involves a year of coursework and research culminating in the writing of an Honors thesis. Students in the second semester of their junior year, prior to completion of 90 semester hours, may apply to the program, which begins in the Fall semester. Admission is competitive, based on the student’s overall academic record (minimal 3.0 GPA overall, 3.5 GPA for USF anthropology course work) and a letter of recommendation from a member of the Department of Anthropology. Successful completion of the program requires maintenance of a 3.0 overall and a 3.5 in the major, completion of ANT 4932 (4)
(Honors Seminar) with a grade of "B" or better, completion of ANT 1070 (3) (Honors Theories) with a grade of "S," completion of all other requirements for graduation. See the Anthropology Department Undergraduate Advisor for further information and application forms.

- **BACHELOR OF INDEPENDENT STUDIES (BIS)**
  
  New applicants are not currently being accepted.

- **BIOLOGY (BIO/MRN/MIC)**
  
  Two specific Bachelor of Science degrees, Biology and Microbiology, are available for students interested in the biological sciences. The B.S. in Biology allows students to concentrate in such areas as Ecology, Cell & Molecular Biology, Physiology, and Marine Biology. The degree is preparatory for careers in such areas as teaching, agriculture, medicine, dentistry, conservation, and biotechnology, or for post-baccalaureate study in the various life sciences. The B.S. in Microbiology provides students with the broad range of courses necessary to qualify for certification by the National Registry of Microbiologists, American Society of Microbiology, and employment in microbiology and related fields.

  In addition to a set of courses in biology, students must have a thorough preparation in other areas of natural sciences to be competitive for jobs or for further study beyond the baccalaureate. A modern biology curriculum is built on a foundation of mathematics, chemistry and physics. Students should study the requirements listed below and then make maximum use of the vigorous advising program maintained by the Department in structuring their programs.

  **Requirements for Entrance into either the Biology or Microbiology Degrees**

  1. Completion of two semesters of college-level basic biology (BSC 2010 / 2010L and BSC 2011 / 2011L, or equivalents); two semesters of college-level basic chemistry (CHM 2045 / 2045L and CHM 2046 / 2046L, or equivalents); and one semester of any college-level mathematics, physics, or statistics course.

  2. A cumulative GPA of at least 2.75 in the five courses listed above.

  These requirements will NOT BE WAIVED for students who pass major courses beyond college-level basic biology, but do not have the necessary cumulative GPA (2.75) in the five courses listed above.

  **Requirements for the Biology B.S. Major (BIO)**

  **Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:** Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

  - BSC 1010/1010L Introduction to Biology I-Cellular Processes (with lab)
    - Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012 BSC 1011/1011L
  - BSC 1010/1011L Introduction to Biology II-Diversity (with lab)
    - Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013
    - CHM 1045/1045L General Chemistry I (with lab)
    - CHM 1046/1046L General Chemistry II (with lab)
    - CHM 2210/2210L Organic Chemistry I (with lab)
    - Acceptable substitutes: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent

  CHM 2211/2211L Organic Chemistry II (with lab)
  - Acceptable substitutes: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent

  MAC X311 Calculus I
  - Acceptable substitutes: MAC 2233, MAC 2253, MAC X281

  MAC X312 Calculus II
  - Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent; MAC 2234, 2254, 3282

  Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

  **Required Courses for the Biology Major**

  1. **Department of Biology Courses—minimum 40 credit hours**
    
    a. BSC 2010 Biology I Cellular Processes (3)
    - BSC 2010L Biology I Cellular Processes Laboratory (1)
    - BSC 2011 Biology II Diversity (3)
    - BSC 2011L Biology II Diversity Laboratory (1)
    - BCH 2020 Cell Biology (3)
    - BCH 3043 Principles of Ecology (3)
    - BCH 3063 General Genetics (3)
    - BCH 4004 Microbial Physiology and Genetics (4)
    - BCH 4723 Animal Physiology (3)
    - The remaining credit hours to meet the minimum requirements must come from among structured departmental courses that are applicable to the major and BCH 3023. At least eight (8) of these credit hours must be at the 4000 level or higher.
    - A maximum of four (4) credit hours of Undergraduate Research (BSC 4910) or Biology Honors Thesis (BSC 4970) may be applied.
    - A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

  2. **Supporting Courses in the Natural Sciences—minimum 32 credit hours**
    
    a. CHM 2045 General Chemistry I (3)
    - CHM 2045L General Chemistry I Laboratory (1)
    - CHM 2046 General Chemistry II (3)
    - CHM 2046L General Chemistry II Laboratory (1)
    - CHM 2210 Organic Chemistry I (3)
    - CHM 2210L Organic Chemistry I Laboratory (2)
    - CHM 2211 Organic Chemistry II (3)
    - CHM 2211L Organic Chemistry II Laboratory (2)
    - MAC 2241 Life Sciences Calculus I (4)
    - MAC 2242 Life Sciences Calculus II (4)
    - MAC 2281 Engineering Calculus I (4)
    - MAC 2282 Engineering Calculus II (4)
    - MAC 2311 Calculus I (4)
    - MAC 2312 Calculus II (4)
    - MAC 2241 Life Sciences Calculus I (4)
    - STA 2023 Introductory Statistics I (4)
    - PHY 2048 General Physics I (3)
    - PHY 2049 General Physics II (3)
    - PHY 2049L General Physics II Laboratory (1)
    - PHY 2053 General Physics (3)
3. Liberal Arts Courses-minimum 45 credit hours
4. Free Elective Courses needed to complete 120 credit hours.

Requirements for the Biology B.S. Major with a Concentration in Marine Biology (MRN)

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

1. Department of Biology Courses-minimum 42 credit hours
   a. BSC 2010 Biology I Cellular Processes (3)
   b. BSC 2010L Biology I Cellular Processes Laboratory (1)
   c. BSC 2011 Biology II Diversity (3)
   d. BSC 2011L Biology II Diversity Laboratory (1)
   e. ONE of the following:
      i. BSC 3023 Cell Biology (3)
      ii. BSC 3023L Cell Biology Laboratory (1)
      iii. BSC 3043 Principles of Ecology (3)
      iv. BSC 3043L Principles of Ecology Laboratory (1)
      v. BSC 3063 General Genetics (3)
      vi. BSC 3063L General Genetics Laboratory (1)
   f. ONE of the following (with laboratory):
      i. BOT 4503 Plant Physiology (3)
      ii. MCB 4404 Microbial Physiology and Genetics (3)
      iii. MCB 4404L Microbial Physiology and Genetics Laboratory (1)
      iv. PCB 4723 Animal Physiology (3)
      v. PCB 4723L Animal Physiology Laboratory (1)
   g. Seminar in Marine Biology (3)
   h. The remaining nine (9) credit hours to meet the minimum requirements must come from courses listed in (f) above and/or from the following list. A maximum of six (6) credits may be taken in courses from other departments/colleges. At least eight (8) of these credit hours must be at the 4000 level or higher:
      i. OCB 6050 Biological Oceanography
      ii. OCC 6040 Chemical Oceanography
      iii. OCG 6031 Geological Oceanography
      iv. OCP 6050 Physical Oceanography
      v. GLY 4734 Beaches and Coastal Environments
      vi. GEO 5177 Geographic Information Systems
      vii. ZOO 5456 + ZOO 5456L Ichthyology
      viii. MCB 5600 Applied and Environmental Microbiology
      ix. ZOO 5555C Marine Animal Ecology
      x. ZOO 4513 Animal Behavior
      xi. PCB 4674 Organic Evolution
      xii. BOT 5185C Marine Botany
      xiii. BSC 4933 Advanced Marine Biology and lab

2. Supporting Courses in the Natural Sciences-minimum 32 credit hours
   a. MAC 2311 Calculus I (4)
   b. MAC 2311L Calculus I Laboratory (1)
   c. MAC 2312 Calculus II (4)
   d. PHY 2048 General Physics I (3)
   e. PHY 2048L General Physics I Laboratory (1)
   f. PHY 2049 General Physics II (3)
   g. PHY 2049L General Physics II Laboratory (1)
   h. PHY 2054 General Physics (3)
   i. PHY 2054L General Physics Laboratory (1)
   j. PCB 4674 Organic Evolution (3)
   k. BOT 5185C Marine Botany (3)
   l. BSC 4933 Advanced Marine Biology and lab (4)
   m. BSC 4933L Advanced Marine Biology and lab Laboratory (1)

3. Liberal Arts Courses-minimum 45 credit hours
4. Free Elective Courses needed to complete 120 credit hours.
5. Student applies to Marine Biology Program after meeting all entrance requirements of BIO major. In addition, a student must have a major GPA of at least 3.0 at the time of application and maintain a major GPA of at least 3.0 throughout the Program.

Requirements for the Microbiology B.S. Major (MIC)

Prerequisites (State Mandated Common Prerequisites) Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.
### Required Courses for the Microbiology Major

1. Department of Biology Courses-minimum 42 credit hours
   - a. BSC 2010 Biology I Cellular Processes (3)
   - BSC 2010L Biology I Cellular Processes Laboratory (1)
   - BSC 2011 Biology II Diversity (3)
   - BSC 2011L Biology II Diversity Laboratory (1)
   - b. PCB 3023 Cell Biology (3)
   - PCB 3023L Cell Biology Laboratory (1)
   - PCB 3034 Principles of Ecology (3)
   - PCB 3063 General Genetics (3)
   - c. MCB 3020C General Microbiology (4)
   - MCB 4115 Determinative Bacteriology (5)
   - MCB 4404L Microbial Physiology and Genetics Laboratory (1)
   - d. Ten (10) hours from the following list:
     - BOT 4434C Mycology (3)
     - MCB 4502 Virology (3)
     - MCB 4910 Microbiology Undergraduate Research (1-4)
   - e. A maximum of four (4) credit hours of Undergraduate Research (MCB 4910) or Biology Honors Thesis (BSC 4970) may be applied.
   - f. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

2. Supporting Courses in the Natural Sciences-minimum 35 credit hours
   - a. CHM 2045 General Chemistry I (3)
   - CHM 2045L General Chemistry I Laboratory (1)
   - CHM 2046 General Chemistry II (3)
   - CHM 2046L General Chemistry II Laboratory (1)
   - b. CHM 2210 Organic Chemistry I (3)
   - CHM 2210L Organic Chemistry I Laboratory (2)
   - CHM 2211 Organic Chemistry II (3)
   - CHM 2211L Organic Chemistry II Laboratory (2)
   - c. MAC 2241 Life Sciences Calculus I (4)
   - MAC 2282 Engineering Calculus II (4)

### Minimum Grade for Majors

A student must receive a "C" grade or better in all Department of Biology courses and Supporting Courses in the Natural Sciences, except if they are used as Free Elective courses. This specification applies to both USF and transfer courses. D and F grades earned in attempting to satisfy major requirements will be used in calculating the GPA, except if they are removed by grade forgiveness.

### Biology Honors Program

The Biology Honors Program is a program that provides a challenging and enriching program for highly motivated students. Students must major in Biology, and they begin taking courses together upon entry to USF. They are admitted taking courses together upon entry to USF. They are admitted to the program at the end of their second semester. Criteria include a minimum 3.5 GPA. The program provides a research experience in a Biology Faculty laboratory. (http://www.cas.usf.edu/biology/index.html), and requires a written thesis. A Research Seminar is presented by the student.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010 Biology I with lab- Honors section (CHM 2045 Pre- or Co-requisite)</td>
<td>BSC 4932 Selected Topics - Honors Seminar II - Philosophy/Ethics</td>
<td>BSC 4910 Undergraduate Research - Biology Faculty Member's Laboratory</td>
<td>BSC 4910 Undergraduate Research</td>
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<tr>
<td>BSC 2011 Biology II with lab- Honors section</td>
<td>BSC 4933 Selected Topics - Honors Seminar III - Scientific Approaches</td>
<td>BSC 4933 Selected Topics - Honors Seminar IV - Biology Department Seminar</td>
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<td>BSC 4931 Selected Topics - Honors Seminar I - Introduction to Biology Research</td>
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<tr>
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<tr>
<td>Credits: 8 beyond normal Biology degree (4 research credits can count towards total of 40 Biology credits)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2 beyond University Honors (HS II and HS III &amp; Research counts toward University Honors)</td>
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</tbody>
</table>
• CHEMISTRY (CHS/CHM)

The Department of Chemistry awards two degrees at the baccalaureate level, the Bachelor of Arts in Chemistry and the Bachelor of Science in Chemistry, and three degrees at the graduate level, a non thesis Master of Arts, the Master of Science and the Doctor of Philosophy. The Bachelor of Arts in Chemistry is also offered with an emphasis in Biochemistry or an emphasis for Health Professions. Each of the graduate degrees offers specialization in the areas of analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. The chemistry faculty is comprised of 24 full time members all of whom hold the Ph.D. degree. The combination of a large and strong faculty with a wide variety of courses and electives provides students with programs of study which can be tailored to fit individual needs while maintaining a sound background in all general aspects of chemistry. Majors in chemistry are well prepared to enter a wide range of careers as well as many interdisciplinary activities that are the hallmark of modern science and technology. These include teaching and research in academic, government and private settings, bio medical research and clinical practice, environmental activities, materials science, law, business and other professions. The Bachelor of Science is particularly designed for students wishing to continue with graduate training in chemistry and closely allied disciplines and graduates are certified for membership in the American Chemical Society. The Bachelor of Arts provides opportunities for curricula individually tailored to meet many career objectives.

General Requirements for the Majors in Chemistry

The required sequence of Chemistry courses should be started immediately in the freshman year; the mathematics and physics requirements should be completed before the junior year as preparation for CHM 3400 Elementary Physical Chemistry I (B.A. degree) or CHM 4410 Physical Chemistry I (B.S. degree), courses which are to be taken in the third year. CHM 4410 is a prerequisite to other advanced courses required for the B.S. degree in chemistry. CHM 4060 "Use of Chemical Literature" also is a prerequisite to several B.S. degree courses.

A grade of C or better is required in each chemistry course and each supporting course specified for a chemistry degree. All courses in a chemistry program must be taken with letter grade (A, B, C, D, F). (D and F grades earned in attempting to satisfy chemistry major requirements will be used in calculating the major GPA.) Nine hours of upper level chemistry courses must be completed at USF.

Liberal Arts Requirement. The student is required to complete the university’s Liberal Arts Requirement. Chemistry and Mathematics courses required for chemistry degrees satisfy the Liberal Arts requirements in the areas of Natural Science and Quantitative Methods.

Free Electives. Courses over and above the required courses should be taken to complete a 120 hour program. Recommended courses are listed in the degree requirements below. Additional courses in computer programming, economics, management, engineering, statistics, writing, and other applied disciplines are strongly recommended to strengthen the degree for subsequent professional employment.

Transfer Credit: It is strongly recommended that students transferring from community/junior colleges to the University of South Florida complete whole sequences of chemistry courses, such as general and organic chemistry, before the transfer. Even though courses may carry the same common course number, topics may vary sufficiently from school to school to leave the transfer student ill-prepared to proceed within a sequence.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. These include two semesters each of General Chemistry lecture and lab, Organic Chemistry lecture and lab, Calculus, and General Physics lecture and lab. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

CHMX045/X045L General Chemistry I (with lab) or
CHM 1040&1041, or 1045C, or 1045E
CHM X046/X046LGeneral Chemistry II or CHM 1046C, or 1046E

MAC 2311 Calculus I or MAC 2281 Eng Calculus I
MAC 2312 Calculus II or MAC 2282 Eng Calculus II

CHM 2210/2210L Organic Chem I & Lab or CHM 2210C
CHM 2211/2211L Organic Chem II & Lab or CHM 2211C

OR

PHY 2048/2048L Gen Physics I & Lab or PHY 2048C, or
PHY 2053C
PHY 2049/2049L Gen Physics II & Lab or PHY 2049C, or
PHY 2054C

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non limited access program with the above courses recommended.

BA in Chemistry (CHM)

The B.A. degree in Chemistry provides a course of study for students whose careers will require a thorough understanding of chemistry required for a variety of professional activities such as in health related professions, science teaching, business, law and other areas. Inherent in this program is a high degree of flexibility which permits tailoring a course of study to the student’s own educational objectives. The B.A. student whose goals change in the direction of graduate study should supplement this curriculum by addition and/or substitution of a selection of advanced courses from the B.S. program. Prerequisites are included in the list below.

Required Chemistry Courses (33 credit hours)

CHM 2045 General Chemistry I (3)
CHM 2045L General Chemistry I Lab (1)
CHM 2046 General Chemistry II (3)
CHM 2046L General Chemistry II Lab (1)
CHM 2210 Organic Chemistry I (3)
CHM 2210L Organic Chemistry I Lab (2)
CHM 2211 Organic Chemistry II (3)
CHM 2211L Organic Chemistry II Lab (2)
CHM 3120C Elementary Analytical Chemistry I (4)
CHM 3400 Elementary Physical Chemistry I (3)
CHM 3401 Elementary Physical Chemistry II (3)
CHM 3402L Elementary Physical Chemistry Lab (1)
CHM 3610 Intermediate Inorganic Chemistry I (3)
CHM 3610L Intermediate Inorganic Chem. I Lab (1)

Required Chemistry Electives (6 credit hours)

3000 level or above; may include not more than 1 hour of
CHM 4970.
Suggested courses: BCH 3023, BCH 3023L, CHS 4300,
CHM 4060, CHM 4070, CHM 4130, CHM 4611, CHM 4970,
CHM 4932*

*Content varies each semester.

Required Supporting Courses (14 16 credit hours)

MAC 2311 (4) or MAC 2281 (3)
MAC 2312 (4) or MAC 2282 (3)
PHY 2053 (3) or PHY 2054 (3)
PHY 2053L (1) or PHY 2054L (1)
BA in Chemistry, emphasis in Biochemistry (CHM)

The Chemistry B.A. offers a unique opportunity for students to pursue later studies and/or professional emphasis in Biochemistry and Biotechnology along with a strong foundation in the chemical knowledge and skills that are essential to these areas. The following schedule of courses meets the requirements for a B.A. in Chemistry and provides core courses in other disciplines basic to biochemistry and biotechnology. Prerequisites are included in the list below.

### Required Chemistry Courses (30 credit hours)

<table>
<thead>
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<th>Course Code</th>
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<tr>
<td>CHM 2045</td>
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<td>General Chemistry II</td>
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<td>CHM 2210</td>
<td>Organic Chemistry I</td>
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<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>(3)</td>
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<td>CHM 2211L</td>
<td>Organic Chemistry II Lab</td>
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<td>CHM 3120C</td>
<td>Elementary Analytical Chemistry</td>
<td>(4)</td>
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<tr>
<td>BCH 3023</td>
<td>Introductory Biochemistry</td>
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<td>BCH 4034</td>
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### Required Supporting Courses (22 24 credit hours)

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<td>CHM 3610</td>
<td>Intermediate Inorganic Chemistry I*</td>
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<td>CHM 4060</td>
<td>Use of the Chemical Literature</td>
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<td>CHM 4300</td>
<td>Biomolecules I</td>
<td>(3)</td>
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<tr>
<td>CHM 4070</td>
<td>Historical Perspectives in Chemistry</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 4932</td>
<td>Selected Topics in Chemistry</td>
<td>(3)</td>
</tr>
</tbody>
</table>

*Students anticipating graduate study are advised to select these courses.

Other suggested electives important for advanced study in biochemistry: CHM 4932*, CHM 4070, PCB 3023L, PCB 5235, PCB 5525, STA2023, MCB3020, MCB4502, PCB4253, PCB5845, EVR2001.

*Content varies each semester.

### Required Chemistry Electives (9 credit hours)

Minimum of 9 hours selected from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAC 2311</td>
<td>General Chemistry I*</td>
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<tr>
<td>MAC 3401</td>
<td>Elementary Physical Chemistry</td>
<td>(3)</td>
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<tr>
<td>CHM 3610</td>
<td>Intermediate Inorganic Chemistry I*</td>
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<td>CHM 4060</td>
<td>Use of the Chemical Literature</td>
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<td>CHM 4300</td>
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<tr>
<td>CHM 4932</td>
<td>Selected Topics in Chemistry</td>
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### Required Supporting Courses (22 24 credit hours)

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<th>Course Code</th>
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<tbody>
<tr>
<td>MAC 2311</td>
<td>General Chemistry I*</td>
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<td>CHM 4060</td>
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<tr>
<td>CHM 4300</td>
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<tr>
<td>CHM 4070</td>
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</tr>
<tr>
<td>CHM 4932</td>
<td>Selected Topics in Chemistry</td>
<td>(3)</td>
</tr>
</tbody>
</table>

*Content varies each semester.

BS in Chemistry (CHS)

The Bachelor of Science in Chemistry is a rigorous program that supplies the foundation in chemistry required for both the student who begins a chemical vocation immediately upon graduation as well as the one who pursues advanced study in chemistry or related areas. In accord with this goal, the curriculum for the B.S. degree in Chemistry meets the requirements for degree certification by the American Chemical Society. Because of the strong base developed in this curriculum, the B.S. in Chemistry also provides entry into other chemistry related advanced studies. Prerequisites are included in the list below.

### Required Chemistry Courses (50 credit hours)

<table>
<thead>
<tr>
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<td>General Chemistry I Lab</td>
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<td>CHM 2046</td>
<td>General Chemistry II</td>
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<td>CHM 2210</td>
<td>Organic Chemistry I</td>
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<td>Organic Chemistry II</td>
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<tr>
<td>CHM 3120C</td>
<td>Elementary Analytical Chemistry I</td>
<td>(4)</td>
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<td>BCH 3023</td>
<td>Introductory Biochemistry</td>
<td>(3)</td>
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<tr>
<td>CHS 4300</td>
<td>Fundamentals of Clinical Chem.</td>
<td>(3)</td>
</tr>
<tr>
<td>CHS 4301L</td>
<td>Fundamentals of Clinical Chem. Lab</td>
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</tr>
</tbody>
</table>

Other suggested electives important for advanced studies in health professional vocations: BSC 2011, PCB 3063, PCB 5235, PCB 5525, STA2023, MCB3020, MCB4502, PCB4253, ZOO4753, ZOO 3713, MCB 4502, CHM 4932*, PCB 4253, PCB 5845.

*Content varies each semester.
Communication (SPE)

Communication focuses on the concepts, theories, and practice of human communication. Students apply their understanding of communication research and principles to personal, professional, and community relationships and concerns. The department encourages students to tailor their program of study to meet their own interests. Majors select from one of three areas of concentration: Performance Communication, Interpersonal and Organizational Communication, or Public and Cultural Communication.

The Honors Program in Communication allows qualified students to pursue advanced study. A minor in Communication is also available.

Requirements for the Major in Communication

A major in Communication requires a minimum of 36 credit hours from departmental offerings. A final grade of “D” within a departmental course will not be counted toward a Communication major. Courses may not be taken S/U where a grade of “D” is the minimum acceptable grade.

Prerequisites (State Mandated Common Prerequisites)

Students must complete SPC 2600, Public Speaking, before being admitted to the Communication major. A student can be admitted to the university without SPC 2600, but it must be completed as part of requirements for the major. A grade of "C" is the minimum acceptable grade.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program.

I. Prerequisites (3 hours)

This course is a prerequisite for declaring the communication major.

SPC 2600 Public Speaking (3)

In addition, admittance to the major is limited to those students who have completed at least 30 hours of college level work and have achieved an overall grade point average in all college courses of 2.5 or above.

II. Core Distribution Requirements (12 hours)

Students must take each of these four courses as early as possible in the major. These courses are prerequisites for taking many of the more advanced courses in the respective areas.

Performance Communication

COM 2000 Introduction to Communication (3)

OR

ORI 2000 Introduction to Communication as Performance (3)

SPC 3301 Interpersonal Communication (3)

SPC 2541 Persuasion (3)

III. Area of Concentration (9 hours)

Students must take a minimum of nine hours in one of the three areas of concentration.

Interpersonal and Organizational Communication

COM 3120 COM 3014 COM 4020

ORI 2000 ORI 4931 ORI 4120

ORI 3410 SPC 4201

Public and Cultural Communication

COM 4124 COM 4710 COM 4942

SPC 3212 SPC 3425 SPC 4305

SPC 4310 SPC 4431

IV. Departmental Electives (12 hours)

Students must take twelve additional hours of elective coursework in the Department of Communication at the 3000-level or higher, which must include at least six hours from outside the student’s “area of concentration.” The following three classes count as electives outside the area of concentration for everyone (regardless of the concentration chosen):

COM 3122 Interview Communication

SPC 3601 Advanced Public Speaking

SPC 4930 Selected Topics Course (titles and topics vary each semester)
Communication Honors Program

The Honors Program in Communication provides an opportunity for exceptional undergraduate students in Communication to work closely with a faculty member in an intensive research experience. Each Honors student is required to complete and defend an undergraduate Honors Thesis. Application to the program ordinarily occurs during the second semester of the junior year or prior to completion of 90 semester hours. Admission to the program is based on the student’s overall academic record, performance in communication courses, and recommendations of faculty. To be admitted to the program, a student should have at least a 3.5 GPA in all communication courses and a 3.0 cumulative GPA. Students are required to complete 3 hours of Honors Reading and 3 hours of Honors Thesis. Students interested in the Honors Program should consult the department for further information about admission and program requirements.

Requirements for the Minor in Communication

The minor in Communication is available to students pursuing any other major at USF. The minor in Communication requires a minimum of 18 hours of departmental coursework, including:

- SPC 2600 Public Speaking (3)
- COM 2000 Introduction to Communication (3)

The other 12 hours may be selected from among departmental offerings and must include a minimum of 6 hours at the 3000-level or higher. A grade of "D" will not be counted toward a Communication minor. Courses may not be taken S/U where a grade option exists.

- COMMUNICATION SCIENCES AND DISORDERS (LSH, ITT, DST)

The undergraduate program in Communication Sciences and Disorders (CSD) offers three curriculum concentrations that lead to the B.A. degree. 1) The undergraduate concentration in Speech-Language-Hearing Science (LSH) provides pre-professional study that prepares the student for Master’s level preparation in Speech-Language Pathology, or Deaf Education, or for entry into the clinical Doctor of Audiology degree (AuD). 2) The undergraduate curriculum in the Deaf Studies (DST) concentration focuses on the study of deaf culture through the development of communicative proficiency in ASL and prepares the individual to work with the deaf in a variety of social service settings. 3) The Interpreter Training (ITT) undergraduate curriculum prepares individuals to work in educational settings with students who require assistance with educational skills due to their hearing impairment or deafness. Students interested in these concentrations should contact the Department of Communications Sciences and Disorders regarding academic advising. The Department also offers the Master’s of Science degree in Speech-Language Pathology and Deaf Education and a doctor of Audiology Degree is awarded.

Concentrations in Communication Sciences and Disorders (CSD)

Recommended Prerequisites (State Mandated Common Prerequisites)

Students are encouraged to complete the A.A. degree at the community college. Some courses required for the Speech-Language-Hearing (LSH) or Deaf Studies (DST) major may also meet General Education Requirements thereby transferring maximum hours to the university.

Students entering the university with fewer than 60 semester hours of acceptable credit, must meet the university’s entering freshman requirements including ACT and SAT test scores, GPA, and course requirements.

Students who plan to major in LSH and DST are encouraged to complete the following prerequisites during the program of study at the community college:

- I. ANT 2000 Introduction to Anthropology 3
- or
- PSY 2012 Psychological Science I 3
- or
- SYG 2000 Introduction to Sociology 3

II. And each of the following:

- STA 2122 Social Science Statistics (or equivalent) 3
- BSC 1085 Human Anatomy & Physiology I 3
- BSC 1085L Human Anatomy & Physiology I Lab 1
- BSC 1086 Human Anatomy & Physiology II 3
- BSC 1086L Human Anatomy & Physiology II Lab 1
- or equivalent work such as:
- BSC 2093 Human Anatomy & Physiology I 3
- BSC 2094 Human Anatomy & Physiology II 3
- or
- PHY 2020 Conceptual Physics 3

III. Complete the foreign language requirement

NOTE: Students who select ASL as their foreign language and are seeking a bachelor of arts degree in DST are required by the Department of Communication Sciences and Disorders to complete satisfactorily at least one upper level course in ASL at the University of South Florida or to demonstrate proficiency in ASL.

IV. Admission to the program of study for Interpreters Training (ITT) requirement: ability to use ASL at the intermediate level of a standardized ASL competency test such as the Sign Communication Proficiency Index (SCPI) or other equivalent evaluation. Completing a community college interpreter training program curriculum is highly recommended.

There are no State Mandated Common Prerequisites for this degree program.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Students are encouraged to join the USF chapter of the National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language-Hearing Association (ASHA) and has many membership benefits.

A. General Information and Upper-level Requirements for the Degree

All undergraduates seeking enrollment in this department must be in good academic standing as undergraduate students at the University of South Florida. Prior to beginning coursework in the junior year in the department, students should complete general education requirements, and have achieved 60 semester hours of coursework. Students with advising concerns relative to their first 60 semester hours are encouraged to meet with undergraduate departmental advisors since required and recommended courses for admission into the LSH or DST concentration will also meet other university requirements.

B. Prerequisites for Admission

1. Required Courses

- BSC 1085 Human Anatomy and Physiology I
- BSC 1085L Human Anatomy and Physiology I Lab
- BSC 1086 Human Anatomy and Physiology II
- BSC 1086L Human Anatomy and Physiology II Lab
- or
- BSC 2093 Human Anatomy & Physiology I
- BSC 2094 Human Anatomy & Physiology II
- or
- PHY 2020 Conceptual Physics

Courses in this category must be completed with a minimum grade of "C."
D. Speech--Language--Hearing Concentration (LSH) (min. 39 credit hours)

Coursework is sequenced for the LSH concentration in Speech--Language--Hearing Science. All students must complete a basic knowledge of the communication sciences and in basic knowledge of communication disorders. Upon admission to the concentration, each student will be assigned an advisor to provide guidance in academic planning.

The course of study includes:

- SPA 3004 (3)
- SPA 3011 (3)
- SPA 3030 (3)
- SPA 3101 (3)
- SPA 3310 (3)
- SPA 3612C (4) (Recommended)
- SPA 4613C (4) (Recommended)
- SPA 4614 (4)
- SPA 4617 (3)
- SPA 4632 (3)
- SPA 4930 (3)

Students interested in teacher certification in deaf education must complete required education courses in addition to all CSD requirements listed under Sections B, C and D. Effective July, 1989, the academic requirement for employment in the public school system for Speech-Language Pathologists is the Master’s degree.

E. Deaf Studies Concentration (DST) (min. 30 credit hours)

New students are not being admitted to the DST Major for the 2004/2005 year while the curriculum is being restructured.

The DST concentration seeks to educate students to communicate with the deaf and to apply this knowledge in work settings where knowledge of the deaf culture is essential for the provision of social services. This DST concentration is not intended to prepare interpreters for the deaf although exceptionally proficient students may qualify as interpreters. This concentration also does not qualify students for admission into the M.S. programs in Speech-Language Pathology or Deaf Education, nor the Doctor of Audiology Program. Those students choosing to become teachers of the deaf must pursue the LSH concentration in Speech-Language--Hearing Science and obtain the M.S. degree in Aural Rehabilitation/Deaf Education.

General admission requirements and recommendations for DST are identical to the LSH concentration in Speech-Language--Hearing Science. The specific course of study for the DST concentration also assumes that the student has completed an A.A. degree or its equivalency. Upon admission to the concentration, each student will be assigned an advisor for the purpose of academic planning. The following courses are included in the major:

- SPA 3002 (3) SPA 3310 (3) SPA 4614 (4)
- SPA 3004 (3) SPA 3612 (4) SPA 4617 (4)
- SPA 3030 (3) SPA 4613 (4) SPA 4632 (3) or SPA 3633 (3)
- Other electives (6).

F. Interpreter Training Concentration (ITT)

The ITT concentration seeks to educate students to become interpreters for deaf individuals. A program of 56-59 credit hours is planned for the student majoring in the Interpreter Training concentration. Course content is distributed across five categories of information and skills necessary for a career in Interpreting:

- Role of the Interpreter in various settings
- Cognitive, Psychosocial, and Language Development of Hearing and Deaf Children in Public Schools
- Techniques and Applications of Interpreting
- Professional Practices of the Interpreter
- Internship

General education requirements as well as liberal arts exit requirements for ITT are identical to those for DST and LSH concentrations. The specific course of study for the ITT concentration assumes that the student has completed an A.A. degree in Interpreter Training or its equivalent. Additionally, prerequisites include proficiency in ASL signing and interpreting skills. Upon admission to the concentration, each student will be assigned an advisor for the purpose of academic planning. Interested students should contact the coordinator of the Interpreter Training Program in the Department.

Prerequisites for Admission

Required Courses

- SPA 3612C Basic American Sign Language
- SPA 3650 Fundamentals of Interpreting
- SPA 3651 Intermediate Interpreting/Transliterating
- SPA 4613C Intermediate American Sign Language
- SPA 4641C Advanced American Sign Language
- SPA 4615C American Sign Language IV
- SPA 4617 Structure of Sign Language
- SPA 3633 American Deaf Culture
- SPA 4632 Nature and Needs of the Deaf and Hard of Hearing

The following courses are included in the major:

- EDF 3214 or DEP 3103 (3)
- EDF 3604 (3) EEX 4070 (2-3) ISS 3010 (3)
- SPA 3004 (3) SPA 4617 (4) SPA 4663 (3)
- SPA 3660 (3) SPA 4652 (3) SPA 4663L (1)
- SPA 3660L (1) SPA 4662 (3) SPA 4685 (4)
- SPA 3673 (3) SPA 4662L (1) SPA 4930 (3)
- SPA 4654 (3)

Graduation within the ITT major also requires successful completion of either the Educational Interpreter Evaluation (EIE) or the Quality Assurance (QA) screening.

Minimum Grade for Majors

A student must receive a “C” grade or better in all courses within the major and those that are required prerequisites. Any student who receives a grade of “D” or lower in more than two USF Communication Sciences and Disorders courses will be automatically barred from continuing as an undergraduate major in LSH, DST, or ITT. Grade forgiveness may be used for two courses only and may be used only for course work taken in the first year of study at the 3000 level. Courses that comprise the second year of the major or those at the 4000 level may not be repeated.

Honors Program

The Honors Program in Communication Sciences and Disorders (LSH, ITT) provides outstanding undergraduates with advanced, individualized training in their areas of interest as well as additional research training. Admission to the Honors Program requires the student to submit evidence of (1) having completed 70 hours of college level work course work with a 3.25 average or better, (2) 9 credit hours within the Communication Sciences and Disorders (CSD) curriculum with at least a 3.5 average in these courses, and (3) a letter of recommendation from a CSD faculty member. After acceptance to the Honors Program, the student will complete the requirements for the major with a GPA above 3.5 for courses taken within the department and an overall GPA above 3.25. The Honors Student will complete 6 credit hours in advanced level courses that pertain to the major, complete 2 credits in Honors Colloquia and write an Honors Thesis.
Requirements for the Minor in American Sign Language

Students seeking a minor in American Sign Language must complete a minimum of 17-18 credits:
1. A minor must include these four courses:
   - SPA 3612C Basic ASL
   - SPA 4613C Intermediate ASL
   - SPA 4614C Advanced ASL
2. SPA 4632 Nature and Needs of the Deaf and Hard of Hearing
   or
   - SPA 3663 American Deaf Culture
3. SPA 4615C ASL IV
   or
   - SPA 4617 - Structure of Sign Language
4. Students seeking a minor in ASL must complete 12 of the 17-18 credit hours at USF.
5. A GPA of 2.0 or better must be achieved in minor course work in order for a student to be certified for graduation with a minor in American Sign Language.

- CRIMINOLOGY (CCJ)

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. There are no State Mandated Common Prerequisites for this degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:
1. Each of the following core courses:
   - CCJ 3024 (3)*
   - CCJ 3701 (3)**
2. At least two of the following substantive courses:
   - CJL 3110 (3)
   - CJE 4114 (3)
   - CJL 4410 (3)
   - CJC 4010 (3)
3. 18 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.
**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of “D” or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The Department of Criminology offers a minor in Criminology. The minor consists of:
1. Two required courses:
   - CCJ 3024 (3)  
   - CCJ 3610 (3)
2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
   - CJL 3110
   - CCJ 4934 (3)
   - CJE 4114
   - CJL 4410
   - CJC 4010
   - CJE 4010

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department’s “2 D” Rule.

- ECONOMICS (ECO)

Economics offers a clear and logical way of thinking about complicated issues such as unemployment, inflation, pollution, and crime. The department offers broad course choices allowing students to tailor their programs to provide training for professional careers in business, teaching, government, and law. Students interested in majoring or minoring in economics should contact the undergraduate advisor in the Economics Department for more information.

Requirements for the Major in Economics

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: The State of Florida has identified common course prerequisites for the major in Economics. These courses must be completed with a minimum grade of “C” before the degree is granted. If the courses are not transferred in, they may be taken at USF.

ECO X013 Economic Principles: Macroeconomics and
ECO X023 Economic Principles: Microeconomics or
ECO XXXX and ECO XXXX

Coursework in the Economics Major:
A student may earn a Bachelor of Arts degree with a major in Economics by satisfactorily completing 33 credits in Economics in addition to college requirements. The 33 credits must include:
ECO 2013 Economic Principles: Macroeconomics (3)  
ECO 2023 Economic Principles: Microeconomics (3)  
ECO 3101 Intermediate Price Theory (3)  
ECO 3203 Intermediate Macroeconomics (3)  
QMB 2100 Business and Economic Statistics I (3)  
QMB 3200 Business and Economic Statistics II (3)  
Economics electives numbered 3000 or higher (15)

ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit.  
ECO 1000 (if taken before both ECO 2013 and ECO 2023) may be substituted for a maximum of 3 hours of upper level elective credit.  
Students must obtain a grade of “C” or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite.  
No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914.  
At least 12 hours of upper level credit must be taken in residence at USF.  
Economics majors working at the regional campuses may not be able to fulfill all economics course requirements at those campuses.

Requirements for the Minor in Economics

All students, regardless of college, can earn a minor in Economics by satisfactorily completing 18 hours in Economics including:

ECO 2013 Economic Principles: Macroeconomics (3)  
ECO 2023 Economic Principles: Microeconomics (3)  
Economics electives numbered 3000 or higher (12)  
ECO 1000, if taken before both ECO 2013 and ECO 2023, may be substituted for 3 hours of upper level electives. Before being recognized as a minor in economics a student must obtain program approval by the Economics Department Undergraduate Advisor. A grade point average of 2.0 or higher must be achieved in the minor course work at USF and in all minor courses completed at any institution. At least 9 hours must be taken in residence at USF.

The Economics Pre-Law Curriculum

Economic principles provide the foundation for much of our legal system. Economics offers a series of courses to provide the abstract and applied skills required by those seeking legal careers.  

The Economics Pre Law Curriculum fits easily within the Economics major or minor but is open to other students. The Economics Department Undergraduate Advisor has helpful advice for students taking the Law School Admissions Test (LSAT) or applying for admission to law schools.

Five-year Bachelor/Master Degree Program

This program allows superior students with strong analytical skills and the ability to handle a fast paced, challenging program the opportunity to complete both the Bachelor and Master degrees in economics in five years. The Economics Department Graduate Advisor has helpful advice for the student’s to take two graduate level courses required for the MA degree during the last year in the Bachelor program. These 6 hours are counted as general electives (not major electives) in the undergraduate program and are also used to satisfy the requirements for the MA in economics. After completing the 120-hour Bachelor’s program, five-year students take 24 hours at the graduate level.

To be eligible for the program, a student must have completed at least 6 hours of 3000 level or above economics courses at USF (not including statistics), have an overall grade point average of 3.0 or above, and have a minimum of 3.25 cumulative grade point average in all economics courses (including statistics).

To apply for admission, send a letter to the Graduate Program Director in the Department of Economics stating your qualifications and desire to enter the program. To plan your program, or for additional information, see the Undergraduate Advisor in Economics.

- **ENGLISH (ENG)**

Requirements for the Major in English

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless otherwise stated, the study of “C” is the minimum acceptable grade.

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<th>Credits</th>
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<tr>
<td>ENC 1102</td>
<td>Composition II</td>
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<tr>
<td>or</td>
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<td>the English Department, EACH</td>
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<td>with 6,000 words of evaluated writing for a</td>
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Suggested electives:

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<td>EUH 2021</td>
<td>Medieval History I</td>
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<tr>
<td>EUH 2022</td>
<td>Medieval History II</td>
<td>3</td>
</tr>
</tbody>
</table>

Upper-level coursework in the English Major:

The program in English provides three areas of specialization (divided into three degree-options below):

**English and American literature** - The primary mission of this literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

**Creative writing** - The creative writing option includes training in writing fiction and poetry and study of English and American literature.

**Professional and technical writing** - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of “D” will not be counted toward fulfilling the major requirements. Grades of “D” or “F” in English courses will, however, be used in
calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

**OPTION I: English and American Literature**

Twelve courses (36 hours) as follows:

1. Two of the following:
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945

2. Four of the following:
   - ENL 3015 British Literature to 1616
   - ENL 3230 British Literature 1616-1780
   - ENL 3251 British Literature 1780-1900
   - ENL 3273 British Literature 1900-1945
   - ENL 3331 Early Shakespeare or
   - ENL 3332 Late Shakespeare

3. Five of the following, at least two of which must be from Group A:
   - **Group A**
     - AML 3031 American Literature to 1860
     - AML 3032 American Literature 1860-1912
     - AML 3051 American Literature 1912-1945
     - ENL 4122 British Novel through Hardy
     - ENL 4312 British Novel: Conrad to the present
     - ENL 4311 Chaucer
     - ENL 4338 Advanced Studies in Shakespeare
     - ENL 4341 Milton
     - LIT 3101 Literature of the Western World Through the Renaissance
     - LIT 3102 Literature of the Western World Since the Renaissance
   - **Group B**
     - AML 3031 American Literature to 1860
     - AML 3032 American Literature 1860-1912
     - AML 3051 American Literature 1912-1945
     - AML 3604 African-American Literature
     - AML 4261 Literature of the South
     - AML 4330 Selected American Authors
     - ENG 4060 History of the English Language
     - ENL 3015 British Literature to 1616
     - ENL 3230 British Literature 1616-1780
     - ENL 3251 British Literature 1780-1900
     - ENL 3273 British Literature 1900-1945
     - ENL 3331 Early Shakespeare
     - ENL 3332 Late Shakespeare
     - ENL 4303 Late Shakespeare
     - ENL 4332 African-American Literature
     - LIN 4671 Traditional English Grammar
     - LIN 4680 Structure of American English
     - LIT 3022 Modern Short Novel
     - LIT 3043 Modern Drama
     - LIT 3073 Contemporary Literature
     - LIT 3144 Modern European Novel
     - LIT 3374 Bible as Literature
     - LIT 3410 Religious and Existential Themes
     - LIT 3700 Survey of Poetry
     - LIT 4930 Selected Topics in English Studies
   - Any three of the following:
     - CRW 3112 Fiction I
     - CRW 3121 Fiction II
     - CRW 3312 Poetry I
     - CRW 3321 Poetry II
     - CRW 4120 Fiction III
     - CRW 4320 Poetry III
     - CRW 4930 Selected Topics in Creative Writing

**Note:** CRW 2100 or CRW 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.

2. **Literature Requirements**

   The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, two courses from Group 2, and three courses from Group 3 and/or Group 4.

**OPTION II: Creative Writing**

This option is designed for aspiring writers of fiction or poetry. In addition to giving credit for writing through a variety of course offerings, it provides information about procedures for publishing.

1. **Writing Requirements**
   - CRW 3111 Form & Technique of Fiction
   - CRW 2100 Narration & Description
   - CRW 3311 Form & Technique of Poetry

2. **Composition requirements**

   - Five of the following:
     - CRW 2100 Narration and Description
     - ENC 2210 Technical Writing
     - ENC 3213 Professional Writing
     - ENC 3310 Expository Writing
     - ENC 4260 Advanced Technical Writing
     - ENC 4311 Advanced Composition
     - ENC 4931 Selected Topics in Professional and Technical Writing

3. **Literature requirements**

   - The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

**Requirements for the Minor in English**

**English and American Literature Minor (15 hours)**

1. One of the following:
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945

2. Two of the following:
   - ENL 3015 British Literature to 1616
   - ENL 3230 British Literature 1616-1780
   - ENL 3251 British Literature 1780-1900
   - ENL 3273 British Literature 1900-1945
   - ENL 3331 Early Shakespeare
   - ENL 3332 Late Shakespeare

3. One course at the 4000 level listed in major OPTION I

4. One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.

**Creative Writing Minor (15 hours)**

1. CRW 3111 Form & Technique of Fiction
2. CRW 2100 Narration & Description
3. CRW 3311 Form & Technique of Poetry

Any two of the following:

- CRW 3112 Fiction I
- CRW 3121 Fiction II
- CRW 3312 Poetry I
- CRW 3321 Poetry II
CRW 4120 Fiction III
CRW 4320 Poetry III
CRW 4930 Selected Topics in Creative Writing

2. One AML or ENL course listed in OPTION I.

Professional and Technical Writing Minor (15 hours)

1. ENC 2210 Technical Writing
   ENC 4260 Advanced Technical Writing
   Any two of the following courses:
   CRW 2100 Narration & Description
   ENC 3213 Professional Writing
   ENC 3310 Expository Writing
   ENC 4311 Advanced Composition
   ENC 4931 Selected Topics in Professional and Technical Writing

2. One AML or ENL course listed in OPTION I

English Honors program

The Department of English Honors Program will provide a carefully selected group of seniors with opportunities for advanced scholarship:

A. Closer contact with faculty tutors than students in the regular major program;
B. An opportunity to work and exchange ideas in the stimulating environment of a small group of fellow students with similar aims and abilities;
C. An opportunity to develop individual initiative and sophisticated critical skills.

The English Honors Program will benefit those interested in graduate work, advanced professional study, or greater intellectual challenges.

Admissions Criteria

Students may apply for the program after completing 80 hours of course work (90 before actual admission). Applicants should have a GPA of 3.3 in the major and an overall GPA of 3.0 and should submit signatures of recommendation from two English faculty supporting their applications.

After screening all applications, the department’s Honors Committee will select participants for each year’s program.

Requirements for Completion of Departmental Honors

1. The Honors student will complete the requirements of his/her chosen English major as described in the current catalog.
2. In addition to the requirements of the major, the student will take two (three-hour) Honors seminars during the first semester of his/her senior year. Both courses should help the student in selecting a topic for his/her Honors thesis.
3. During the second semester of the senior year, the Honors student will enroll for three thesis hours. The Director of the English Honors Program will serve as instructor of record for the thesis hours. Under the direction of the instructors of the Honors seminars and/or the Director of the English Honors Program, the student will choose a member of the English Department faculty to serve as director or his/her thesis and one or two additional faculty members to serve as readers of the thesis. The student must satisfy the following requirements:
   a. Complete both Honors seminars with a 3.3 GPA;
   b. Complete all remaining major requirements with a 3.3 GPA and remaining academic course work with an overall GPA of 3.0;
   c. Submit an acceptable thesis to the Departmental Honors committee.
4. The student who completes all requirements above will graduate with Honors in English. The credit hours completed within the program by the student who does not complete all Honors requirements will, of course, count toward the baccalaureate degree.

The Honors Committee will disqualify any student from the program who does not complete the Honors seminars with at least a 3.3 GPA.

Honors students failing to complete a thesis within two years after acceptance into the program will be notified by the Honors Committee of their dismissal from the program.

- ENVIRONMENTAL SCIENCE AND POLICY (EVR)

The status of the earth’s environment has been a major concern since the 1960s. As we enter the 21st century, it represents one of the most critical issues facing nearly all nations individually as well as the earth community as a whole. Increased population, technology, globalization and diminishing natural resources all play an important role in the changing environment. As a consequence, governments at all levels are devoting resources to help understand the problems that we are facing and to aid in their mitigation. This includes everything from public education to cleaning up toxic waste sites.

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school.

The B.S. in Environmental Science and Policy was approved in 1995. This interdisciplinary program spans multiple colleges within the university but is housed in the College of Arts and Sciences. All students must complete the University’s General Education Requirements. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, 2 semesters each of general biology and general chemistry, environmental ethics, environmental politics and policy, statistics and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to specialize in science or in policy. Students choosing to sub-specialize in science take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to sub-specialize in policy take environmental law and general chemistry, environmental ethics, environmental politics and policy, statistics and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to specialize in science or in policy. Students choosing to sub-specialize in science take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project. The Program Advisor advises ESP majors.

Requirements for the Major in Environmental Science and Policy

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following required supporting major courses prior to entering the university. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.
The calculus sequence is only required for students pursuing the ESP-Science concentration.

MAC 2311 & MAC 2312 Calculus 3
MAC 2281 & MAC 2282 Engineering Calculus 4
MAC 2241 & MAC 2242 Life Sciences Calculus 4

All students majoring in Environmental Science and Policy are required to see the advisor each semester prior to registration for the following term. Students who are eligible for an internship must see the internship coordinator six weeks prior to the beginning of the semester in which they will complete the internship.

REQUIREMENTS FOR ALL ENVIRONMENTAL SCIENCE MAJORS

EVR 2001 Intro to Environmental Science
EVR 2001L Intro to Environmental Science Lab
EVR 2861 Intro to Environmental Policy
EVR 4921 ESP Seminar
EVR 4910 ESP Project
or
EVR 4940 ESP Internship
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2011 Biology II
BSC 2011L Biology Lab II
CHM 2210 General Chemistry I
CHM 2210L Chemistry Lab I
CHM 2246 General Chemistry II
CHM 2246L Chemistry Lab II
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics

Statistics
STA 2023 Introductory Statistics
or
QMB 2100 Business and Economic Statistics
or
EGN 3443 Engineering Statistics

Geology or Physics
GLY 2010 Dynamic Earth
GLY 2015L Essentials of Geology Lab
or
GLY 2100 Historical Geology
GLY 2015L Essentials of Geology Lab
or
PHY 2048 General Physics
PHY 2048L General Physics Lab
or
PHY 2053 General Physics
PHY 2053L General Physics Lab

Science Track
MAC 2241 Life Sciences Calculus I
MAC 2242 Life Sciences Calculus II
or
MAC 2281 Engineering Calculus I
MAC 2282 Engineering Calculus II
or
MAC 2311 Calculus I
MAC 2312 Calculus II

and

CHM 2210 Organic Chemistry Lab
CHM 2210L Organic Chemistry Lab

Policy Track
ECP 3302 Environmental Economics
POS 3697 Environmental Law

Science Track
MAC 2241 and MAC 2242 OR MAC 2281 and MAC 2282 OR
MAC 2311 and MAC 2312 and CHM 2210 and CHM 2210L
plus 4 electives from one of the following tracks: Restoration, Water Quality, Environmental Monitoring or Marine Resources.
Please contact the Program office for a current list of electives under these categories.

Policy Track
ECP 3302 and POS 3697
plus four approved policy-related electives.
Please contact the Department office for a current list of electives under this category. The Department is located in SCA 238 or you may call (813) 974-2739.

Requirements for the Minor in Environmental Policy
A total of 19-20 credits are required for the minor in Environmental Policy, 12 of which must be completed at USF. The Minor in Environmental Policy consists of the following program outline:

Required core courses:
EVR 2001 Introduction to Environmental Science
EVR 2001L Introduction to Environmental Science Lab
EVR 2861 Introduction to Environmental Policy
or
EVR 2810 Introduction to Environmental Policy
Three of the following four courses:
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics
ECO 3302 Environmental Economics
(Please contact the Program office for a current list of electives under this category. The Department is located in SCA 238 or you may call (813) 974-2739.

• GEOGRAPHY (GPY)
The degree program in Geography consists of 10 courses (41 hours total), 5 of which are core courses required of all majors. Further, students choose either the Urban or Environmental track for their remaining courses. Both tracks offer an applied and techniques orientation for the student that is stressed through coursework, advising, and through the core course structure for the major. The Environmental track focuses on major environmental systems including the hydrosphere, atmosphere, pedosphere, and biosphere. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems. The Urban track focuses on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner-cities, and urban racial and ethnic relations.

Requirements for the Major in Geography
Prerequisites (State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

GEO XXXX  3
GEO XXXX  3

Two introductory courses in Geography with GEO prefix.

Upper-level Course Requirements
A major in Geography consists of 11 courses as follows:

Required core courses (6 courses + lab):
- GEO 3013 Intro to Physical Geography (3)
- GEO 3013L Intro to Physical Geography Lab (1)
- GEO 3402 Human Geography (4)
- GEO 3180 Digital Thematic Mapping (4)
- GEO 3164C Quantitative Methods (4)
- GEO 3493 Geography Colloquium (1)
- GEAXXX One course with GEA prefix (4)

Supporting Courses (5 courses):
Majors will select among courses in the Urban and Environmental tracks for their additional coursework. They must take an additional 5 courses of which may be outside of their track. If more than 1 course is taken outside of the track, 1 of them must be a techniques (elective) course. The following list designates supporting courses by track (or elective technique).

Urban Track Courses:
- GEO 3602 Urban Geography (4)
- GEO 4502 Economic Geography (4)
- GEO 4604 Advanced Urban Geography (4)
- GEO 4700 Transportation Geography (4)
- GEO 4470 Political Geography (4)
- URP 4052 Urban and Regional Planning (4)
- GEO 4421 Cultural Geography (4)
- GEO 4340 Natural Hazards (4)

Environmental Track Courses:
- GEO 4201C Advanced Physical Geography (4)
- GEO 4210 Process Geomorphology (4)
- GEO 4280C Hydrology (4)
- GEO 4340 Natural Hazards (4)
- GEO 4372 Global Conservation (4)
- MET 4002 Climatology (4)
- MET 4010C Meteorology (4)
- GEO 4300 Biogeography (4)
- GEO 4424 Tropical Meteorology (4)

Techniques Courses (electives):
- GEO 4114C Geographic Techniques and Methodology (4)
- GEO 4131C Remote Sensing of the Environment (4)
- GEO 4151C Geographic Information Systems (GIS) (4)

Courses Excluded as Electives for the major:
- GEO 1930 Geography of Current Events (4)
- GEO 2371 Earth System Science (3)

Only 4 combined hours of the following courses may be applied toward the degree:
- GEO 4900 Directed Reading (1-4)
- GEO 4910 Individual Research (1-4)

Requirements for the Minor in Geography
A minor in Geography consists of 16 credit hours, with a minimum grade-point average of 2.0. The required courses are:

GEO 3013 (3) GEO 3013L (1) GEO 3402 (4)
One GEA elective (4) and one upper level GEO, MET or URP elective (3000-5000 level) (4).

Students may not apply upper level Geography electives to the Geography minor that are being used to satisfy their major requirements.

- GEOLOGY (GLY)

The Department of Geology offers programs leading to Bachelor of Arts, Bachelor of Science, Master of Science, and Doctor of Philosophy degrees. Geology is one of the broadest of all sciences because of its dependence on fundamentals of biology, chemistry, mathematics, and physics as applied to the study of the Earth. As a result, undergraduate students are expected to obtain a broad background in the other sciences as well as a concentration in geology.

The Bachelor of Science degree program provides the student with a hands-on foundation in the fundamentals of the geosciences. The Bachelor of Arts program is designed primarily for the liberal arts student who has an interest in the subject but who is not preparing for a career in the field, or for the pre-professional school student. A student who elects the B.A. program and decides to pursue the geology profession or attend graduate school will need at least physics and field geology in his/her program.

The graduate program in geology allows the student to pursue advanced studies in nearly all areas of geology. As a result of faculty interests and geographic location, several geologic subdisciplines are emphasized, including applied geophysics, coastal geology, geomorphology, geochemistry, hydrogeology, paleontology, and petrology.

Prerequisites (State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they (or their equivalents) must be completed before the degree is granted. Unless stated otherwise, a grade of C is the minimum acceptable grade.

CHM 1045/1045L General Chemistry I (with lab) or CHM 1045C or CHM 1045E
CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E
GLY 2010C Introduction to Physical Geology or PHY 2048/2048L or PHY 2053C
GLY 2049C General Physics and Laboratory I or PHY 2048/2048L or PHY 2053C
GLY 2049C General Physics and Laboratory II or PHY 2049/2049L or PHY 2054C

The choice physics sequence depends on the area of geology specialization.

Requirements for the Major in Geology (BA)

1. Geology courses (38 hours):
   a. Introductory Sequence* (4 hours):
      1) One course chosen from GLY 2010, GLY 2030, GLY 2038, GLY 2040, and OCE 2001 (3)
      2) GLY 2010L (1)
   *Transfer students who have taken GLY 2010C and GLY 2010L or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to
take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.

b. Junior-level sequence (28 hours):
   - GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
   - GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
   - GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4)
   - GLY 3720C Fluid Earth 1: Basic Principles (4)
   - GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
   - GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
   - GLY 4822C Fluid Earth 2: Hydrogeology

c. Senior-Level Sequence (12 hours):
   - GLY 4866 Computational Geology (3)
   - GLY 4921 Geocommunications (3)

2. Supporting Courses for the BS Degree (28 hours):
   - MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282 (recommended)
   - CHM 2045, 2045L, CHM 2046, 2046L
   - MAC 2241, 2242 or MAC 2311, 2312 or MAC 2281, 2282

Two courses in biology or physics with labs selected from the following:
- BSC 2010 and 2010L, BSC 2011 and 2011L, PHY 2053 and 2053L, PHY 2054 and 2054L, PHY 2048 and 2048L, PHY 2049 and 2049L

Requirements for the Major in Geology (BS)

1. Geology courses (44 hours):
   a. Introductory Sequence* (4 hours):
      1) One course chosen from GLY 2010, GLY 2030, GLY 2038, GLY 2040, and OCE 2001 (3)
      2) GLY 2015L (1)
   *Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements.
   
      However, ALL students are strongly encouraged to take GLY 2015L, as this course will greatly facilitate success in the upper-level offerings.

b. Junior-level sequence (28 hours):
   - GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
   - GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
   - GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4)
   - GLY 3720C Fluid Earth 1: Basic Principles (4)
   - GLY 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4)
   - GLY 4554C Sedimentary Record 2: The Earth's Surface (4)
   - GLY 4822C Fluid Earth 2: Hydrogeology

c. Senior-Level Sequence (12 hours):
   - GLY 4866 Computational Geology (3)
   - GLY 4921 Geocommunications (3)
   - and either:
   - GLY 494XL Practical and Applied Geology (6)
   - Must take at least one each of computational, field, and laboratory experience
   or,
   - A Geologic Field Course and/or Summer Research Experience, as defined and approved by the Department Undergraduate Committee. Non-traditional research experiences (i.e., NSF-supported Research Experiences for Undergraduates summer programs) are acceptable provided the student concurrently registers for six hours of Geologic Field Studies (GLY 4780) to meet credit hour requirements, and their research supervisor provides the Undergraduate committee with an assessment of student activity during the program.

2. Supporting Courses for the BS Degree (28 hours):
   - MAC 2281, MAC 2282 (recommended) or MAC 2311, MAC 2312
   - BSC 2010, 2010L
   - CHM 2045, 2045L, CHM 2046, 2046L
   - PHY 2048, 2048L, PHY 2049, 2049L (recommended) or PHY 2053, 2053L, 2054, 2054L

Liberal Arts Requirements

All students are required to complete the University’s Liberal Arts Requirements.

Free Electives (19-25 hours)

The student will choose, in consultation with his/her geology advisor, such courses in the natural sciences that support his/her major interest in the field of geology. Courses in computer programming and additional mathematics are of particular value. Those students who anticipate continuing for a doctorate in graduate school are encouraged to take a foreign language, preferably French, German, or Russian.

D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.

Geology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate geology majors an opportunity to undertake an intensive, individualized research experience. The culmination of the program is the completion and presentation of an honor’s thesis. To apply, interested students should contact the geology undergraduate advisor during the second semester of the student’s junior year. Admission to the program requires a GPA of 3.5 in the major and an overall GPA of 3.2.

Requirements for the Minor in Geology

16 credit hours are required, which must include the completion of the introductory sequence courses (4 hours) and any three of the Junior-level sequence courses (12 hours).

Teacher Education Programs

Prospective elementary and secondary school teachers desiring to teach science should include basic courses in geology and related sciences as part of their curriculum.

- GERONTOLOGY (GEY)

   Gerontology is the study of the process of human aging in all its many aspects: physical, psychological, and social. In the School of Aging Studies, the academic home of the gerontology programs, particular emphasis is placed upon applied gerontology, with the goal of educating students who in their professional careers will work to sustain or improve the quality of life of older persons. Since Gerontology is an interdisciplinary field, dual majors with other departments are encouraged. The School of Aging offers the degrees of Bachelor of Arts in Gerontology, Bachelor of Science in Gerontology, a minor in Gerontology, and Master of Arts in Gerontology. The School of Aging also hosts the university-wide Ph.D. in Aging Studies, and offers 4 graduate certificates in Gerontology.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the
For those seeking the Bachelor of Science degree, students complete the prerequisite courses listed below. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

ACG X021 Financial Accounting or ACG X001
ACG X071 Managerial Accounting or ACG X11
or ACG X630
CSG X000 Computers in Business or EME X402,
COC X317, CSG X101, X361, X001, X060,
or EME 1061
GEY X000 Introduction to Gerontology
STA X122 Social Science Statistics or QMB 2150,
STA 2022, STA X013, STA X014,
STA X040, STA X023, STA X024,
or QMB X100

For those seeking the Bachelor of Arts degree, students should complete STA X122 (Social Science Statistics) at the lower level prior to entering the university. If this course is not taken at the community college, it must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade. Acceptable substitutes for STA X122 are: QMB 2150 or QMB X100, STA 2022, X013, X014, X040, X023, or X024. There are no other common prerequisites for the Gerontology program leading to the Bachelor of Arts degree.

Requirements for the Major in Gerontology (B.A.)

The Bachelor of Arts Degree in Gerontology entails 36 semester hours of required course work. In this program the course of study is intended to provide students with a liberal education in gerontology and some exposure to the various career opportunities in the field of aging. This degree is especially appropriate for students who plan to pursue graduate or professional work in gerontology, or some other field, or who plan to work with older adults in careers such as case management, social services, or activity therapy. A grade of lower than “C-” in Gerontology courses will not be counted toward fulfilling the requirements for the major.

Required Courses:

GEY 2000 Introduction to Gerontology
GEY 3601 Physical Changes and Aging
GEY 3625 Sociocultural Aspects of Aging
GEY 4401 Research Methods in Gerontology
GEY 4612 Psychology of Aging

A required prerequisite is STA 2122. B.A. students complete 21 additional elective hours, which may include field placement. Students should meet frequently with the departmental advisor to plan courses and field work that will prepare the student for career goals.

Requirements for the Major in Gerontology (B.S.)

The Bachelor of Science Degree in Gerontology is a 39 semester hour specialist degree which, in addition to providing students with a basic education in gerontology, is intended to prepare them for entry level positions in Nursing Home Administration. It is especially appropriate for students who intend to begin working immediately following completion of the degree program. A grade of lower than “C-” in Gerontology courses will not be counted toward fulfilling the requirements for the major.

Required Courses:

GEY 4327 Long Term Care Administration I
GEY 4328 Long Term Care Administration II
GEY 4329 Long Term Care Administration III
GEY 4360 Gerontological Counseling
GEY 4641 Death and Dying
GEY 4945 Field Placement
MAN 3025 Principles of Management
MAN 3240 Organizational Behavior Analysis
MAN 3301 Human Resource Management

Students also complete the following fifteen (12) hours of prerequisites: ACG 2021, ACG 2071, CGS 2100, and GEY 2000.

These courses are intended to reflect educational requirements mandated by the State of Florida and specified in Chapter 21z.11 of the Florida Administrative Code. Students in the B.S. program should understand that they will only be allowed to register for the full-time internship (GEY 4945) after successful completion of all (or all but one) of the required courses in the B.S. major. Because the B.S. internship requires full-time effort, students will be allowed to take no more than four (4) credits concurrent with the B.S. internship.

GEY 2000 at this university or its equivalent at another institution is required as a gerontology prerequisite. ACG 2021 and ACG 2071 taken at this university or elsewhere will satisfy accounting prerequisites.

Students interested in either the B.A. or the B.S. option should contact the Department as early as possible in their careers at the University of South Florida.

Requirements for the Minor in Gerontology

An undergraduate minor in Gerontology is available for students interested in pursuing careers in conjunction with any undergraduate major, but it should be particularly beneficial to persons majoring in such disciplines as anthropology, business, communication sciences and disorders, government and international affairs, nursing, psychology, health care, social work, and sociology. Requirements for the minor in Gerontology are a total of 15 hours of the following courses:

Required:

GEY 2000 Introduction to Gerontology (3)

Required: Choose 2 of the following 3 courses

GEY 3601 Physical Changes and Aging (3)
GEY 3625 Sociocultural Aspects of Aging (3)
GEY 4612 Psychology of Aging (3)

Electives: Six additional GEY credit hours.

• GOVERNMENT & INTERNATIONAL AFFAIRS (INT/POL/PAD)

The Department of Government and International Affairs includes programs in International Studies, Political Science, and Public Administration. Its goal is to provide students the opportunity to study the nature of government, politics and administration at the local, national and international levels, as well as the interdisciplinary nature of the international system. Towards that end it offers students a choice of two undergraduate degrees, one in International Studies and another in Political Science. The Department of Government and International Affairs provides students with a range of courses of study and areas of concentration, including electives offered through the Public Administration program. For more specific details students are advised to consult the description of each specific program below.

INTERNATIONAL STUDIES (INT)

The major in International Studies enables students to undertake programs of study which emphasize (a) preparation for careers in international activities, or (b) the study of
Requirements for the Major in International Studies

Relevant Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

While the INT program does not have mandatory prerequisites, a student may apply up to 10 credit hours of lower level courses from the following list: AFS 2250, Culture and Society in Africa, ANT 2410, Cultural Anthropology; GEA 2000, World Regional Geography; CPO 2002, Comparative Politics; INR 2002, Introduction to International Relations; REL 2300, Introduction to World Religions; or GEB 2350, Doing Business Around the World.

Upper-level Course Requirements

The major consists of a minimum of 37 semester hours. At least 18 of these hours (six courses) must be from the International Studies Program offerings. The six required courses are

INR 3003 Introduction to International Studies (3)
INR 3081 International Issues and Actors (3)
INR 3038 International Wealth and Power -SS (3)
INR 4936 Senior Seminar -MW (3)
Plus one topical and one area studies course chosen from the INT upper division electives.

It is recommended that the student complete INR 3003 before taking INR 3081.

The additional 19 hours may be selected from elective courses from within the International Studies Program or from course offerings of other departments, which are approved by the major advisor as having adequate international or cross-cultural content.

With the approval of the major advisor, credits earned in INR 4900 (1-3) and INR 4910 (1-3) may be used to augment or substitute for the foregoing requirements. Students are encouraged, but not required, to engage in study abroad programs; a large number of which have been approved by the USF International Affairs Center. Credits earned in such programs apply toward graduation and many also apply to the INT major. A limited number of internships in the Tampa Bay area are available to provide students with real-world experience while earning credits in the major. Also, USF is affiliated with The Washington Center, an internship program in the nation's capital.

Required Supporting Courses

Students must pass a 2000 level foreign language course (that is, at least one semester of foreign language study beyond the first year introductory courses), or complete one year of study of non-Western language. Students who are bilingual or who are already conversationally fluent or who can translate with facility from a foreign language text are exempt from the above course requirement, but the INT faculty may require demonstration of proficiency.

Students will be provided with academic advice and counsel about other courses offered throughout the university which may support and complement their major program. INT majors should plan their programs in conjunction with the advisor who is empowered to make appropriate substitutions when educationally justified.

Requirements for the Minor in International Studies

The minor in International Studies is a set of International Studies courses taken by a student that approximates one half of the upper level credits required for a major. The minor consists of 18 credit hours made up of six courses as follows:

INR 3003 Introduction to International Studies (3)
INR 3081 International Issues and Actors (3)
INR 3038 International Wealth and Power -SS (3)
Plus 3 upper level courses chosen from the International Studies Program's offerings.

Each student's program must be planned with the International Studies Program major advisor, who is empowered to approve appropriate substitutions when educationally justified.

POLITICAL SCIENCE (POL)

The undergraduate program leading to the B.A. degree in political science offers a general purpose degree, and a number of more specialized alternatives. The program is designed for students interested in and seeking to understand political problems, issues, and the nature of the political process, as well as the philosophical and legal basis of political structures and processes at local, state, national, and international levels. Satisfying the degree requirements prepares students for positions in the public and private sectors, for law school, for graduate work in political science, international relations, public administration, and related disciplines, for positions in education, and for applied political activity.

Requirements for the Major in Political Science

Prerequisites (State Mandated Common Prerequisites)

Students should complete any two introductory courses with a POS, INR or CPO prefix (ideally POS 1041 or POS 2041, and POS 1112 or POS 2112) at the lower level prior to entering the University. If these introductory courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade.

Upper-level Course Requirements

A minimum of 36 credit hours is required to satisfy the requirements of the major. Students must take the 12 credit hours of required core courses in political science. No more than six credit hours can be taken from POS 4905, POS 4910, and POS 4941. Students enrolled in the Washington, D.C. semester program may have this rule altered by their advisor. (A GPA of 3.0 is required to enroll in these courses; the Chair may grant special exception for students with a GPA between 2.70 and 2.99.)

In addition, all Political Science majors are required to take at least 3 credit hours of Economics (See your advisor for recommendations).

Students transferring credit hours toward a major in political science must complete a minimum of 21 credit hours within the Department, regardless of the number of credits transferred.

The undergraduate curriculum in political science is composed of the following:

Required Core Courses (12 credit hours)

CPO 2002 Introduction to Comparative Politics (3)
INR 2002 Introduction to International Relations (3)
Students should complete POT 3003 and POS 3713 by the end of their junior year; students transferring with 45 credit hours or more must complete these courses within their first two semesters in residence at USF. A grade of "C" or better is required in all core courses.

Students must choose electives from the seven fields (24 credit hours) with at least one course from Field I, one course from Field II or III, and one course from any of Fields IV, V, VI, or VII. Core courses must be completed before a course from a given field or field grouping can be taken.

**Field I  Political Theory**

- POT 3013 (3)
- POT 4064 (3)
- POT 5626 (3)
- POT 4054 (3)
- POT 4204 (3)

**Field II Comparative Government and Politics**

- CPO 4034 (3)
- CPO 4930 (3)
- CPO 5934 (3)

**Field III International Relations**

- INR 3102 (3)
- INR 3370 (3)
- INR 4403 (3)
- INR 3038 (3)
- INR 4035 (3)
- INR 4502 (3)
- INR 3336 (3)
- INR 4254 (3)
- INR 4334 (3)
- INR 5086 (3)

**Field IV American National and State Governments**

- POS 2080 (3)
- POS 3273 (3)
- POS 4413 (3)
- POS 2112 (3)
- POS 3453 (3)
- POS 4424 (3)
- POS 3173 (3)
- POS 4204 (3)
- POS 5094 (3)
- POS 3182 (3)
- PUP 4323 (3)

**Field V Urban Government and Politics**

- POS 3142 (3)
- POS 4165 (3)
- URP 4050 (3)
- POS 3145 (3)
- POS 5165 (3)
- PUP 4534 (3)

**Field VI Public Policy**

- INR 3102 (3)
- INR 4334 (3)
- PUP 3145 (3)
- PUP 4002 (3)
- PUP 4007 (3)
- PUP 4203 (3)
- PUP 4323 (3)
- PUP 4534 (3)
- PUP 5607 (3)
- URP 4050 (3)

**Field VII Law and Politics**

- INR 4403 (3)
- POS 3691 (3)
- POS 4624 (3)
- POS 3283 (3)
- POS 4614 (3)
- POS 4693 (3)
- POS 4694 (3)

The following courses are not included within any of the seven fields, but may still be used as elective hours:

- PAD 3007 (3)
- POS 4936 (3)
- POS 4930 (3)
- POS 4941 (3-15)
- POS 4905 (1-3)
- POS 4970 (3)
- POS 4910 (1-3)
- POS 3931 (3)
- POS 4109 (3)
- POT 4661 (3)
- POT 4936 (3)

**Requirements for the Minor in Political Science**

A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 or INR 2002, POS 2041, and POT 3003. Additional 12 credit hours of courses included in the Political Science major are also required.

Students transferring credit hours toward a minor in political science must complete 12 credit hours within the Department, regardless of the number of credit hours transferred.

**Field Work**

Political Science has a field work program that provides students with part-time internships with state and local government and with political parties at the state and local level. Academic credit is available for such internships. For further information, contact the Department of Government and International Affairs.

**Honors in Political Science**

The Honors Program in Political Science is designed for the outstanding undergraduate who seeks an intensive learning experience plus academic recognition during the senior year.

**Eligibility:**

Political Science majors with a 3.5 grade point average in political science courses and a 3.0 overall average will be invited to participate in the honors program.

**Requirements:**

Students who participate must complete the Honors seminar with a grade of "B" or better and must write an Honors Thesis, POS 4970 (3). The Honors Thesis must meet the following criteria:

a) a thesis proposal must be approved by the student’s major professor before s/he begins writing;

b) students need two academic advisors who must approve the final version of the thesis;

c) students will publicly present their thesis and provide a copy of it to the department after the final draft has been approved;

d) the thesis must be at least 50 pages long, contain an abstract, table of contents, bibliography and footnotes/ endnotes;

e) all theses are due during the last week of classes for the semester in which the student is currently enrolled.

**Requirements for the Pre-Law Plan in Political Science**

The Political Science Program offers a pre-law plan designed for the undergraduate students who are considering a career related to law (Courses on Law and Politics are listed under Field VII of the Political Science undergraduate curriculum). The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are required to complete courses that can help them develop necessary skills to study law. Students receive the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental pre-law advisor to obtain more information about the pre-law plan.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), as given by the Educational Testing Service of Princeton, New Jersey.

The Law School Admission Test is given simultaneously several times each year at the University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school. Additional information is available from the Department of Government and International Affairs, University of South Florida.

**Recommended Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and
International Affairs Focus in Political Science

The area of Political Science offers a number of courses that prepare students for graduate study in International Relations and career opportunities in private or public transnational organizations.

Basic courses in the area include:
- INR 3102 American Foreign Policy
- INR 2002 Introduction to International Relations
- CPO 2002 Introduction to Comparative Politics

In addition, Political Science offers the following upper-level courses:
- CPO 4034 Politics of Developing Areas
- CPO 4035 International Political Economy
- CPO 4419 Personnel and Supervision in Today's Organizations
- INR 4502 International Organizations
- CPO 5934 Selected Topics in Comparative Politics
- INR 4003 International Law
- INR 5086 Issues in International Relations

Students desiring a minor in International Affairs or international administration are encouraged to supplement these courses with courses offered in International Studies, Management, Economics, Business Administration, Foreign Languages, and Public Administration.

Public Administration (PAD)

The Public Administration Program offers courses that serve as electives for undergraduate students. Completion of these courses will benefit those students preparing for a career in local, state, or federal agencies of government, nonprofit organizations, and special service districts and/or graduate work in public administration and related fields. The courses listed below may be taken for undergraduate credit. Please note that the 5000-level courses listed are available to seniors and graduate students only.

**Required Public Administration Courses (12 cr. hrs.)**
- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4419 Personnel and Supervision for Today's Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- PAD 5605 Administrative Law and Regulation (3)
- PAD 5807 Urban and Local Government Administration (3)
- PAD 5159 Urban Policy Analysis (3)
- PAD 5044 Environment of Public Administration (3)
- PAD 5853 Comparative Public Administration (3)
- PAD 5035 Issues in Public Administration and Public Policy (3)
- PUP 4002 Public Policy (3)

**Public Administration Electives (3)**
- PAD 4930 Selected Topics in Public Administration and Public Policy (3)
- PAD 4730 Selected Topics in Public Administration and Public Policy (3)
- PAD 5044 Environment of Public Administration (3)
- PAD 5605 Administrative Law and Regulation (3)
- PAD 5807 Urban and Local Government Administration (3)
- PAD 5159 Urban Policy Analysis (3)
- PAD 5044 Environment of Public Administration (3)
- PAD 5853 Comparative Public Administration (3)
- PAD 5035 Issues in Public Administration and Public Policy (3)
- PUP 4002 Public Policy (3)

**HISTORY (HTY)**

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke and to challenge our students to a higher level of understanding of the past. History at South Florida offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Requirements for the Major in History

A minimum of 32 semester hours is required for a major in history. A minimum grade of "C" or better must be attained in each course counted toward the 32-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a "C." If these courses have not been completed satisfactorily upon enrolling at USF, they must be taken before the degree is granted.
Lower-level Course Requirements for the Major
A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major
A minimum of 20 hours of course work from the 3000-4000 level is required to fulfill the 32-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 12 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, “Expository Writing,” SP 2900, “Public Speaking,” and LIS 2937, “Library/Internet Research Skills.” Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Classics, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Religious Studies, Sociology, Women’s Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled “Issues in History” (HIS 3938) and “War and Society” (HIS 3308) are not eligible for major field credit.

Requirements for the Minor
The minor in History entails a 15-hour program organized and contracted by the student and the department around the specific needs of the student’s major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled “Issues in History” (HIS 3938) and “War and Society” (HIS 3308) are not eligible for minor field credit.

• HUMANITIES & AMERICAN STUDIES (HUM/AMS)

The Department of Humanities and American Studies offers students a choice of two undergraduate degrees, one in Humanities and one in American Studies. Students may also minor in each area. For more specific details, students are advised to consult the description of each specific program below.

HUMANITIES (HUM)

The Humanities Program offers an interdisciplinary curriculum that investigates the visual arts, music, literature, and the cultures from which they emerge.

Requirements for the Major in Humanities

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Course Requirements for the Humanities Major

1. HUM 2211 (Studies in Culture: the Ancient through the Medieval Periods) and HUM 2243 (Studies in Culture: the Renaissance through the Twentieth Century), six credit hours
2. 19 credits of upper-level Humanities courses (3000 or 4000 level)
3. HUM 3395 (Themes in Humanities), three credit hours, and HUM 4931 (Seminar in Humanities), four credit hours. HUM 3395 is offered only in fall semester. HUM 4931 is offered only in spring semester.
4. Two or more classes in the creative or performing arts, either lower or upper level, totaling at least four semester hours.
5. Majors must earn a “C” or better in all Humanities courses.

Requirements for the Minor in Humanities

The curriculum for the Humanities minor is comparable to that of the program for the B.A. degree, but it is less comprehensive. Course requirements are as follows:

1. Eighteen semester hours of Humanities courses.
2. Not over eight of these eighteen hours may be taken below the 3000 level.

AMERICAN STUDIES (AMS)

The American Studies major is designed for students who seek to understand the cultural patterns, beliefs and values that have unified and sometimes divided Americans. American Studies is an interdisciplinary program that emphasizes the diversity of American people and institutions; the importance of gender, race, ethnicity and social class; the material and technological foundations of American society; the development of distinctive regions within the United States; and creative expression in art, architecture, film, literature, music and photography.

Requirements for the Major in American Studies

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the
university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- AMS 2201 (Colonial American Culture), AMS 2212 (Nineteenth-Century American Culture) or AMS 2270 (Twentieth-Century American Culture), 3 credits.
- AMS 2030 (Introduction to American Studies), 3 credits.
- One additional 3000-level period course (e.g. AMS 3230, AMS 3001, AMS 3260), 4 credits.
- One 3000- or 4000-level regions or genre course (e.g. AMS 3210, AMS 3601, AMS 4152, PGY 3000), 3 or 4 credits.
- AMS 4904 (Major Ideas in America), 3 credits.
- One 4000-level Research Seminar (AMS 4935 or AMS 4936), 4 credits.
- 6 additional AMS credit hours.
- 9-10 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

**Requirements for the Minor in American Studies**

18 credit hours distributed as follows:
- One 2000-level survey course (AMS 2201, AMS 2212, AMS 2270), 3 credits.
- AMS 2030 (Introduction to American Studies), 3 credits.
- 3 additional AMS credit hours.
- 6 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

**Interdisciplinary Natural Sciences (INS)**

The Interdisciplinary Natural Science degree serves the academic and career goals of undergraduate students who seek a broad education in the Natural Sciences (Biology, Chemistry, Physics, Mathematics, Geology).

For information on teacher certification in science or mathematics, prospective teachers should consult the section entitled Teacher Education Programs and also consult the College of Education section of the catalog.

**Recommended Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

*There are no State Mandated Common Prerequisites for this degree program.*

Students are encouraged to complete as many of the following courses as possible, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- **Biological Science (B.S.)**
  - BSC 2010 Biology I - Cellular Processes (3)
  - BSC 2012L Biology I Lab (1)
  - BSC 2011 Biology II - Diversity (3)
  - BSC 2011L Biology II Lab (1)
  - MCB 3020C General Microbiology (4)

**Requirements for the Major in Interdisciplinary Natural Sciences**

Coursework required for Interdisciplinary Natural Science majors:

**TIER 1**

Two introductory courses in each of 5 natural sciences areas (Math, Physics, Chemistry, Biology, Geology) totaling 40 hours:

Calculus I and II

- (MAC 2241, MAC 2242 or MAC 2311, MAC 2312) 6-8
- (STA 2023 could be substituted for Calculus II)

Biology I and II

- (BSC 2010, 2010L and BSC 2011, 2011L) 8
- (CHM 2045, 2045L and CHM 2046, 2046L) 8

Geology I and II

- (GLY 2010, GLY 2015L and GLY 2100, GLY 2100L) 8
- (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L) 8

**TIER 2**

At least 8 hours of structured, upper division (3000 level or higher) courses in three of the five natural sciences areas, totaling 24 hours. All Tier 2 courses in the sciences will be selected by the individual student, but must be chosen from the list of courses approved for department Major credit.

**Residency**

At least 12 of the 24 hours at Tier 2 must be taken at USF.

**Requirements for the Major in Biomedical Sciences (B.S.)**

Biomedical Sciences is designed to fulfill the major requirements for professional schools in the Health Sciences (e.g. Medicine, Veterinary Medicine, Dentistry). Students contemplating graduate study should pursue a major in the discipline of their interest, such as Biology, Chemistry, or Microbiology. Students must attain a C- or higher in all required courses for the Major.

**Required Natural Science Courses:**

- **Biology:**
  - BSC 2010 Biology I - Cellular Processes (3)
  - BSC 2011 Biology II - Diversity (3)
  - MCB 3020C General Microbiology (4)
Mathematics:
- Required Natural Science Electives:
  - Physics: *Students may substitute Human Anatomy or Physiology I above requirements:
  - Chemistry:

Required Biology Electives:
Minimum of 6 credit hours in TWO of the following courses:
One course must be with lab. Select from the following courses, noting prerequisites where applicable:
- MCB 4115 Determinative Bacteriology (5)
- MCB 4404 Microbial Physiology and Genetics (4)
- MCB 4404L Microbial Physiology and Genetics Lab (1)
- MCB 5815 Medical Mycology (3)
- MCB 4502 Virology (3)
- PCB 3023 Cell Biology (3)
- PCB 3023L Cell Biology Lab (1)
- PCB 3063 General Genetics (3)
- PCB 3063L Genetics Lab (1)
- PCB 4064C Experimental Genetics (3)
- PCB 5235 Principles of Immunology (3)
- PCH 6511 Tropical Health Immunology (3)
- ZOO 4753C Histology (4)
- PHZ 4732 ST: Applications of Physics to Biology and Medicine II (4)
- ZOO 4753C Histology (4)

At least 12 hours of upper division required science courses must be completed as USF.

- **INTERDISCIPLINARY SOCIAL SCIENCES (ISS)**

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of “C” is the minimum acceptable grade.

- AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] (3)
- AMH 2010 American History I (3)
- ANE 2010 American History II (3)
- ANT 2000 Introduction to Anthropology (3)
- ECO 2013 Economic Principles (Macroeconomics) (3)
- ECO 2023 Economic Principles (Microeconomics) (3)
- GEA 2000 World Regional Geography (4)
- POS 2041 American National Government (3)
- POS 2122 State and Local Government (3)
- SYG 2000 Introduction to Sociology (3)
- WST X015 Introduction to Women’s Studies (3)

Interdisciplinary Core Courses
Two of these courses, an introductory course (3010) and the senior seminar (4835), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
   - ISS 3010 Introduction to Social Sciences (3)
   - ISS 4935 Seminar in the Social Sciences - MW (3)
   - STA 2122 Social Sciences Statistics - 6A QM (3)
2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.

3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed will automatically count toward the ISS degree.

4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.

5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.

6. ISS majors must satisfy two semesters of a foreign language.

7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

- Africana Studies
- American Studies
- Anthropology
- Communication Sciences and Disorders
- Criminology
- Economics
- Environmental Science and Policy
- Gerontology
- Geography
- History
- Humanities
- International Studies
- Latin American Studies
- Library and Information Science
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Social Work
- Sociology
- Woman’s Studies

• LIBERAL STUDIES (ALA)

The Liberal Studies degree fulfills the intent of the traditional Liberal Arts Degree and is for students who want a broad academic background to realize their academic or career goals.

Recommended Prerequisites (State Mandated Common Prerequisites)

- Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.
- There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Program Admission Procedure and Upper-level Course Requirements: Students must apply for admission to the program separately from applying to the university. To apply for the Liberal Studies Program, students must (1) have completed a minimum of 20 and no more than 80 semester hours, (2) have a minimum overall grade point average of 3.00 at the time of admission, and (3) submit a written proposal and program of study, explaining the student’s special academic circumstances and goals for which this major is appropriate. This proposal must be approved by a faculty committee of three professors (Chair to be selected by the student) to be assembled by the student and the director of the major.

The student must complete the General Education Requirements (and all other university requirements), and a minimum of 4 semesters of one foreign language. The remaining hours will be devoted to interdisciplinary study in the College of Arts and Sciences. Ideally, the hours will include courses in the social sciences, humanities, and natural sciences. In the student’s last semester, the faculty committee must approve a senior paper.

For information, contact the Associate Dean for Graduate and Undergraduate Studies in BEH 201.

• Library and Information Science (LIS)

The School of Library and Information Science offers undergraduate courses to meet a wide range of information literacy needs in support of the university’s academic programs. The courses provide the understanding and skills needed to access essential information resources in an increasingly information driven, technological world, whether in support of scholarship in academic disciplines or the occupational demands of society.

Students are able to take a variety of courses that will prepare them to access and evaluate these information resources. Topics taught in these courses include using the modern, electronic library and the Internet to meet academic, professional, and personal information needs; and designing websites that meet professional standards.

The School’s faculty will advise those undergraduates interested in graduate study in librarianship. The American Library Association accredits the Library and Information Science Master’s program, and graduates are prepared for professional positions in all types of libraries, media centers, and information agencies. The Library and Information Science program at the University of South Florida meets the Florida State Board of Education requirements for certification as an Educational Media Specialist (grades K 12). For more information, visit our web site at http://www.cas.usf.edu/lis.

• MASS COMMUNICATIONS (COM)

The School of Mass Communications, accredited by the Accrediting Council on Education in Journalism and Mass Communications, offers approximately 70 courses varying in content from the highly technical and field-specialized in some cases to an essential liberal arts orientation in others. The program introduces students to the theories, principles, and problems of communication, emphasizing the concept of freedom of information as the cornerstone of constitutional democracy and preparing students for future leadership roles in communications media. Graduates should understand the structure and functions of mass media systems as well as the basic processes of communication. In addition, students specialize in an area of mass communications (advertising, journalism, public relations, or telecommunications) to blend a strong introduction to professional skills with the theoretical orientation.

Majors seeking careers in the mass media will be directed to the various media in close contact with the School for summer internships, practica and part-time work. A limited number of students will have the opportunity to serve as interns with a mass communications organization and take MMC 4945 for three hours credit. Students may not receive credit for both an internship (MMC 4945) and a practicum (ADV 4940, JOU 3940, JOU 4941, JOU 4944, PUR 4700, RTV 3941, RTV 4942, VIC 3943).
Requirements for the Major in Mass Communications

To be admitted to the core curriculum in Mass Communications, students must have completed general education requirements or a minimum of 45 hours with a 2.75 minimum overall grade point average, including ENC 1101 and 1102 with a minimum grade of "C" in each. Applicants must establish a minimum score of 60 percent on the Mass Communications English Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications English Diagnostic Test with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.) Both courses in the Mass Communications core curriculum (MMC 2100 and MMC 3602) must be completed with a minimum grade of "C" before any other Mass Communications course may be taken. Students failing to achieve a minimum grade of "C" in both MMC 2100 and MMC 3602 will be disqualified as majors in the School. A 2.5 GPA in Mass Communications courses is required for graduation, and no student may graduate with a grade lower than "C" in any Mass Communications course.

The Mass Communications major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of required and elective courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

Mass Communications majors are required to take at least 44 hours of Mass Communications courses and may be applied toward the bachelor's degree within the 124-hour graduation requirement. Within the 124-hour Mass Communications courses, all prerequisite listed to determine progressive prerequisites for each course. Students also should note that the Mass Communications major is a four-semester program at a minimum and the majority of courses are offered only during the day.

At least twenty-two (22) hours of resident school courses are required.

All material submitted by students as assignments in writing, reporting, editing, photography, and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of print and electronic media outlets.

Sign Language may be used as an option by Mass Communications majors to fulfill the language requirement. Most Mass Communications courses have prerequisites as specified in the course description (these prerequisites are separate from the State Mandated Common Prerequisites for program admission listed below). Refer to each prerequisite listed to determine progressive prerequisites for each course. Students also should note that the Mass Communications major is a four-semester program at a minimum and the majority of courses are offered only during the day.

Prerequisites (State Mandated Common Prerequisites)

This is a limited access program. Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students must complete 18 semester hours outside the Mass Communications curriculum and beyond the 36 hours general education requirements prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education Gordon Rule courses.

English Composition (minimum grade of "C") (6)
MMC 3602 Mass Communications and Society (3)

Prior to being admitted to the School of Mass Communications, a student must:

Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.75 overall GPA, and pass a School-administered English Diagnostic Test.

A maximum of nine semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introduction course. Approval by an appropriate advisor is required.

Required Upper-level Coursework for the Mass Communications Major

School Core Curriculum
MMC 2100 Writing for the Mass Media
MMC 3602 Mass Comm and Society

Sequence Requirements

1. ADVERTISING Requirements
ADV 3000 Introduction to Advertising
ADV 3101 Advertising Copywriting
ADV 3300 Advertising Media Strategy
ADV 3501 Advertising Research
ADV 4800 Advertising Campaigns
ADV 4940 Advertising Practicum
MMC 4203 Media Ethics

Selective Requirements (12 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

ECC 1000 Basic Economics
LIS 2937 Library and Internet Research Skills
MAR 3023 Basic Marketing
See specific courses for prerequisites.

2. JOURNALISM Requirements
News-Editorial Option
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 4181 Public Affairs Reporting
JOU 4200 News Editing I
MMC 4200 Communications Law
MMC 4203 Media Ethics
JOU 4206 Newspaper and News Publication Design

Selective Requirements (10 hours required, selected with advisor's approval)

Other Requirements:
The following courses are required outside the School to complete sequence requirements:
Selective Requirements  (4 hours required, selected with advisor’s approval)

- PUR 4801 Advanced Public Relations
- PUR 4101 Public Relations Design and Production
- PUR 4100 Writing for Public Relations
- PUR 3500 Public Relations Research
- PUR 3000 Principles of Public Relations
- MMC 4200 Communications Law
- MMC 4203 Media Ethics
- MMC 4420 Research Methods

Selective Requirements (7 hours required, selected with advisor’s approval)

- MMC 4420 Research Methods
- MMC 2100 (3) MMC 3602 (3)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

- PHI 1103 Critical Thinking
- POS 2041 American National Government
- POS 2112 State and Local Government and Politics
- POS 3142 Intro to Urban Politics and Government
- JOU 2100 Beginning Reporting
- JOU 3101 Advanced Reporting
- JOU 3308 Magazine Article and Feature Writing
- JOU 4200 News Editing I
- JOU 4122 Magazine Design and Production
- MMC 4200 Communications Law
- MMC 4203 Media Ethics
- MMC 4420 Research Methods

Selective Requirements (6 hours required, selected with advisor’s approval)

Other Requirements: The following courses are required outside the School to complete the sequence requirements:

- CRW 2100 Narration and Description
- ENC 3310 Expository Writing
- PHI 1103 Critical Thinking

Requirements for the Minor in Mass Communications

The minor in Mass Communications is available to students pursuing any other major at USF. Students who wish to minor must apply for admission to the School of Mass Communications and must meet all admission standards required of majors. Please see “Requirements for the Major in Mass Communications” for more admission information.

The minor in Mass Communications requires a minimum of 18 hours of School coursework, including:

- MMC 2100 (3) MMC 3602 (3)

The other 12 hours may be selected from among School offerings and must include a minimum of 9 hours at the 3000-level or higher. All major course prerequisites must be met. A grade of “D” or “F” will not be counted toward a mass communications minor and a 2.5 grade point average in all minor coursework must be maintained. All minor hours must be completed at USF.

• MATHEMATICS (MTH)

The Department of Mathematics offers a diversity of courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance the student’s
compete in the fields of engineering, the physical sciences, the life sciences, and the social sciences. The department offers programs leading to the B.A., M.A., and Ph.D. degrees. The undergraduate program emphasizes the broad nature of modern mathematics and its close associations with the real world. The program is designed to prepare students for entry into graduate school or careers in industry or secondary education.

The Department of Mathematics consists of approximately 31 full-time faculty members, whose areas of interest include: algebra, applied mathematics, approximation theory, celestial mechanics, complex analysis, dynamical systems, functional analysis, graph theory, logic, number theory, ordinary differential equations, partial differential equations, potential theory, probability theory, real analysis, statistics, theoretical computer science, and topology.

Requirements for the Major in Mathematics

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF from a Florida Community College should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

A student who transfers without an A.A. degree and has fewer than 60 semester hours of acceptable credit must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

COPIX.XXX Computer Language Course
(Pascal, FORTRAN, C, C++, or C++)
MACX311 Calculus I
MACX312 Calculus II
MACX313 Calculus III

Students must also complete two laboratory based science courses, 8 semester hours total, from the respective science majors: Biology, Chemistry, Geology, or Physics.

MAJOR IN MATHEMATICS

The courses taken to satisfy the requirements below will constitute the major program referred to in the general graduation requirements of the College of Arts and Sciences.

Majors are encouraged to consult the department’s Undergraduate Advisor before every semester. The Undergraduate Advisor will recommend electives that are appropriate for the student’s interests and goals.

Majors are encouraged to consider the Honors Program and the Accelerated BA/MA Program, which are outlined below.

1. Mathematics Requirements (Minimum 45 credit hours)

Core Requirement. Majors must complete the following five courses (20 credit hours):

MAC 2311 Calculus I (4)
MAC 2312 Calculus II (4)
MAC 2313 Calculus III (4)
MGF 3301 Bridge to Abstract Mathematics (4)
MAS 3105 Linear Algebra (4)

Analysis Requirement. Majors must complete one of the following two courses (4 credit hours):

MAA 4211 Intermediate Analysis I (4)
MAS 4156 Vector Calculus (4)

Majors who complete both MAA 4211 and MAS 4156 may count one of these towards the Elective Requirement below.

Elective Requirement. Majors must complete seven courses from the following electives (Minimum 21 credit hours):

COP 4313 Symbolic Computations in Mathematics (3)
MAA 4211 Intermediate Analysis I (4)
MAA 4212 Intermediate Analysis II (3)
MG 4402 Complex Variables (3)
MAD 4401 Numerical Analysis (3)
MAD 4504 Theory of Computation (3)
MAD 5305 Introduction to Graph Theory (3)
MAP 2302 Differential Equations (3)
MAP 5345 Applied Partial Differential Equations (3)
MAP 5407 Methods of Applied Mathematics (3)
MAS 4156 Vector Calculus (4)
MAS 4301 Elementary Abstract Algebra (3)
MAS 5215 Number Theory (3)
MAT 4970 Mathematics Senior Thesis (3)
MHF 4403 Early History of Mathematics (3)
MHF 4406 History of Modern Mathematics (3)
MTG 4214 Modern Geometry (3)
MTG 4302 Introduction to Topology (3)
STA 4321 Essentials of Statistics (3)
STA 4442 Introduction to Probability (3)

Special Notes.

Majors who complete both MHF 4403 and MHF 4406 may count only one of these towards the Elective Requirement above.

MAT 4930, Selected Topics in Mathematics, or 5000-level mathematics courses may be taken as electives, with the approval of the Undergraduate Advisor.

One or two courses from another department which are of high mathematical content may also be taken as electives, with the approval of the Undergraduate Advisor and the Chairman.

Majors wishing to take a course in statistics should first take STA 4442 and then STA 4321.

Majors wishing to continue towards a graduate degree in mathematics should take MAS 4301 and MAA 4211. (See also the sections on the Honors Program and the Accelerated BA/MA Program below.)

2. Mathematics-related Courses (Min. 6 credit hours)

Majors must take two courses in science or engineering which are required courses for the majors within those departments. The two courses need not be in the same department. Science courses must include laboratories and be offered by the Departments of Biology, Chemistry, Geology, or Physics.

HONORS PROGRAM IN MATHEMATICS

The program is designed for students who wish to obtain a B.A. degree that will indicate unusual strength in the field of mathematics. Successful completion of the program will be prominently displayed on the student’s diploma and will be recorded on the official USF transcript of the student’s work. Students are eligible for admission to the program when they

1. have completed MAS 4301, Elementary Abstract Algebra,
2. have at least a 3.0 grade point average for all college courses, and
3. have at least a 3.5 grade point average for mathematics courses.

Applications are submitted to the Undergraduate Committee of the Department of Mathematics.
The requirements for a B.A. degree in mathematics with honors are as follows:
1. completion of the requirements of the major in mathematics,
2. completion of MAA 4211, Intermediate Analysis I,
3. completion of MAT 4970, Mathematics Senior Thesis,
4. completion of eight mathematics courses at or above the 4000-level,
5. at least a 3.0 average for all college courses, and
6. at least a 3.5 average for mathematics courses.

ACCELERATED BA/MA PROGRAM
This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a BA and MA degree in mathematics in four to five years.

The program meets all the requirements for the BA degree, but requires the student to take those graduate level courses required for the MA degree during the last two years in the program. Up to 20 hours of graduate courses may be counted towards the MA degree as well as the BA degree, but not towards the undergraduate major (that is, as free electives).

For admission to the program, a student must
1. have completed at least 30 hours of college credit including 8 hours of 3000-level or above mathematics courses,
2. have at least a 3.0 grade point average for all college courses, and
3. have at least a 3.5 grade point average for all mathematics courses taken at the 3000-level or above.

To apply for admission, send a letter to the Chair of the Department of Mathematics stating your qualifications and desire to enter the program.

An important benefit of this program is that a student is eligible to apply for a graduate teaching assistantship once he or she has completed the program.

To plan your program, see the Undergraduate Advisor in Mathematics.

Requirements for the Minor in Mathematics
The minor in mathematics is open to all students. Students with majors in the sciences, engineering, business, and the social sciences are particularly encouraged to pursue the minor. A student wishing to receive a minor in mathematics must meet the following course requirements (minimum of 26 credit hours):

1. Required Courses (20 credit hours)
   Either
   MAC 2311 Calculus I (4)
   MAC 2312 Calculus II (4)
   MAC 2313 Calculus III (4)
   Or
   MAC 2281 Engineering Calculus I (4)
   MAC 2282 Engineering Calculus II (4)
   MAC 2283 Engineering Calculus III (4)
   Also, both of the following:
   MGF 3301 Bridge to Abstract Mathematics (4)
   MAS 3105 Linear Algebra (4)

2. Elective Courses (Min. 6 credit hours)
   Any 2 mathematics courses that are required or elective for the major in mathematics.

TEACHER EDUCATION PROGRAMS
For information concerning the degree programs for secondary school teachers, see the description given in the College of Education, Department of Secondary Education.

C- GRADES
In general, grades of C- or better are required for courses in the mathematics major and minor and for prerequisite courses. However, C- is not acceptable for prerequisites for the following courses: MAC 1105, MAC 1114, MAC 1140, MAC 1147, MAC 2233, MAC 2241, MAC 2242, MAC 2281, MAC 2282, MAC 2283, MAC 2311, MAC 2312, MAC 2313, MGF 1106, MGF 1107, MGF 1131, STA 1022, STA 2023; C (2.0 grade points) or better is required in the prerequisites for these courses.

• MEDICAL TECHNOLOGY (MET)
The University of South Florida offers a four year program leading to the Bachelor of Science degree in Medical Technology. The first three years are completed on campus; the fourth year (12 months) is completed at one of five affiliated hospitals in Florida, located in Tampa, Orlando, and Jacksonville.

Admission to the fourth year is limited by the number of openings in affiliated hospitals and, at the present time, is competitive. Selection for the clinical program is made by the hospitals and students not admitted to a clinical program may need to select an alternate degree. Generally hospitals require a minimum GPA of 2.5, and our students admitted to clinical programs in recent years have had a mean GPA of about 3.0.

All courses required for admission to the clinical program must be completed prior to beginning the clinical year. These requirements include:
1. A minimum of 90 semester hours (excluding physical education.)
2. All university Liberal Arts requirements.
3. Writing and computation requirements for 6A 10.30.
4. All sciences and mathematics requirements listed below, including Common Prerequisites and those specific to USF, with a "C" or higher in each course.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

A student who transfers with fewer than 60 semester hours of acceptable credit must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade. They may be completed at a community college or other institution or at USF.

1) General Biology I with lab
   (e.g. BSC1010C, BSC1011C, BSC1010/1010L, BSC1011/1011L, BSC 1011/2011L, ZOO 1010, ZOO 1010L)
2) Human Anatomy and Physiology I with lab
   (e.g. BSC 1085/1085L, BSC 1085C, BSC 1093, BSC 2093C, BSC 2085/2085L, BSC 1011C, BSC 2011, PCB 4703, PCB 3703, PCB 3702, PCB 3702/3.4, student's choice of one of these three labs), PCB 3703C, BSC 2085C, BSC 2023C
3) Human Anatomy and Physiology II with lab
   (e.g. BSC 1085/1085L, BSC 1085C, BSC 2093C, ZOO 3733, ZOO 3731, PCB 3134C, PCB 2131, BSC 1014, BSC 2096, PCB 2131, PCB 2510/2510L, BSC 2086C)
4) General Microbiology with lab
   (e.g. MCB 3020/3020L, MCB 3023/3023L, MCB 2031C/2031C, MCB 3023/3023L, MCB 3020C, MCB 2010/2010L)
5) General Chemistry I with lab
   (e.g. CHM 1045/1045L, CHM 1045C, CHM 2045/2045L)
7) Organic Chemistry I with lab (CHM 2210/2210L, CHM 2010/2010L, CHM 2110C, CHM 3210) (4,5)
9) Statistics (STA 2023, STA 2014, STA 2122, STA 2037, STA 2040, STA 2024, STA 2321, STA 3023) (3-4)

Students should carefully follow all prerequisite requirements for individual courses. The USF courses recommended to meet the state mandated prerequisites as listed above are:

General Biology I with lab (BSC 2010,2010L) (4)
Human Anatomy and Physiology I (with lab where available) (BSC 2053 or BSC 1085,1085L) (3-4)
General Biology II with lab (BSC 2011,2011L) (4)
General Microbiology with lab (MCB 3020C) (4)
General Chemistry I with lab (CHM 2045,2045L) (4)
General Chemistry II with lab (CHM 2046,2046L) (4)
Organic Chemistry I with lab (CHM 2210,2210L) (4-5)
Organic Chemistry II with lab (CHM 2211,2211L) (4)
Statistics (STA 2023) (4)

In addition to the Common Prerequisites listed above, the following courses are required for the degree at USF:

- College Algebra (MAC 1105, MAC 1140, or MAC 1147) (3-4)
- Cell Biology with lab (PCB 3023,L) (4)
- Immunology (PCB 5235 or PHC 6511 or equivalent) (3)
- Determinative Bacteriology with lab (MCB 4115) (5)
- Biochemistry (BCH 3023) (3)

Ability to use computers is essential for work in a modern laboratory. Hospitals recommend elective courses in use of computers and in management.

Upon successful completion of this curriculum and acceptance by one of the affiliated hospitals, the student will complete 12 continuous months of training at that hospital. Hospital programs begin in July or early August each year, and some hospitals also have programs beginning in January or February. During this clinical training, the student will continue to be registered as a full time student of the university and will receive a total of 30 credit hours of work in:

- MLS 4031 Introduction to Medical Technology
- MLS 4861 Clinical Immunology
- MLS 4863 Clinical Microbiology
- MLS 4865 Clinical Immunohematology
- MLS 4860 Clinical Urinanalysis and Body Fluid
- MLS 4862 Clinical Hematology
- MLS 4864 Clinical Chemistry
- MLS 4866 Clinical Laboratory Management and Education

These courses, listed under "Interdisciplinary Arts and Sciences," will be taught at the hospital. A "C" or higher must be earned in each course. Students successfully completing this program will be granted a Bachelor of Science degree in Medical Technology.

**PHILOSOPHY (PHI)**

Recommended Prerequisites (State Mandated Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following courses if available during the program of study at the community college and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Mathematics (any courses)
- Foreign Languages (Beginning and Intermediate German, French, or Latin) (1120-1121 level and 2200-2201 level)
- Classics (CLT, CLA for example)

**Requirements for the Major in Philosophy**

Majors in philosophy must complete at least 30 credit hours made up as follows:

- a. PHH 3062 History of Philosophy: Ancient and Medieval
- b. PHI 2101 Introduction to Formal Logic or PHI 5135 Symbolic Logic
- c. PHI 4670 Contemporary Ethical Theory
- d. at least one of the following:
  - PHI 4300 Theory of Knowledge
  - PHI 5225 Philosophy of Language
  - PHI 4320 Philosophy of Mind
- e. 6 credit hours of 4000 or 5000 level Philosophy courses
- f. 9 credit hours of Philosophy electives

**Requirements for the Minor in Philosophy**

A minor in philosophy consists of the completion of at least 18 credit hours which includes the following courses or an approved substitute for one only:

- PHH 3062 History of Philosophy: Ancient and Medieval
- PHH 3400 History of Philosophy: Modern
- PHH 4600 Contemporary Philosophy or PHH 4440 Continental Philosophy
- PHI 2101 Introduction to Formal Logic

No credit taken on an "S/U" basis may be applied toward the minor.

**Honors Program**

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate philosophy programs. Students in the Honors Program will be required to do independent research, to participate in an Honors Seminar, and to write and defend an undergraduate thesis.

**Admission Criteria:**

1. Students must complete
   - PHI 2101 Introduction to Formal Logic
   - PHH 3062 History of Philosophy: Ancient and Medieval
   - PHH 3400 History of Philosophy: Modern
   - PHH 4600 Contemporary Philosophy or PHH 4440 Continental Philosophy
   - PHI 2101 Introduction to Formal Logic

   No credit taken on an "S/U" basis may be applied toward the minor.

2. Students must have an overall grade point average of 3.0 and their grade point average in Philosophy must be at least 3.5.

3. Students must be nominated for admission into the Philosophy program by a faculty member in Philosophy, and a majority of the faculty members who have taught
Requirements for the Majors in Physics

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

CHM 1045/1045L General Chemistry I (with lab) or CHM 1040 & CHM 1041 or CHM 1045C or CHM 1045E
CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E

Students must complete the prerequisite courses listed below prior to enrolling in upper division courses as a major. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

MAC 2311 Calculus I or MAC X281
MAC 2312 Calculus II or MAC X282
MAC 2313 Calculus III or MAC X283
PHY 2048/2048L General Physics I or PHY 2048C
PHY 2049/2049L General Physics II or PHY 2049C

Coursework for Majors in Physics

1. Physics Courses

**B.A. PHYSICS (PHY) (34 credit hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tr>
<td>PHY 2048 General Physics I</td>
<td>(3)</td>
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<tr>
<td>PHY 2048L General Physics I Lab</td>
<td>(1)</td>
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<tr>
<td>PHY 2049 General Physics II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 2049L General Physics II Lab</td>
<td>(1)</td>
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<tr>
<td>PHY 3101 Modern Physics</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 3221 Mechanics I</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 3822L Intermediate Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 3323 Electricity and Magnetism I</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 4222 Mechanics II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 4930 Undergraduate Seminar</td>
<td>(1)</td>
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<tr>
<td>PHY 4324 Electricity and Magnetism II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 4910 Undergraduate Research</td>
<td>(1-4)</td>
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<tr>
<td>PHY 4823L Advanced Laboratory</td>
<td>(3)</td>
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<tr>
<td>PHY 4604 Intro. to Quantum Mechanics</td>
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**B.S. PHYSICS (44 credit hours)**

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<td>PHY 3101 Modern Physics</td>
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<tr>
<td>PHY 3221 Mechanics I</td>
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<td>PHY 3822L Intermediate Lab</td>
<td>(3)</td>
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<td>PHY 3323 Electricity and Magnetism I</td>
<td>(3)</td>
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<tr>
<td>PHY 4222 Mechanics II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 4930 Undergraduate Seminar</td>
<td>(1)</td>
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<tr>
<td>PHY 4324 Electricity and Magnetism II</td>
<td>(3)</td>
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<tr>
<td>PHY 4604 Intro. Quantum Mechanics</td>
<td>(3)</td>
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<tr>
<td>PHY 4910 Undergraduate Research</td>
<td>(1-4)</td>
</tr>
<tr>
<td>PHY 4823L Advanced Laboratory</td>
<td>(3)</td>
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<tr>
<td>Plus 9 credit hours of Physics electives subject to approval of undergraduate advisor.</td>
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</table>

2. Required Supporting Courses in Natural Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>CHM 2315 General Chemistry I</td>
<td>(3)</td>
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<tr>
<td>CHM 2045L General Chemistry I Lab</td>
<td>(1)</td>
</tr>
</tbody>
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**PHYSICS (PHY/PHS)**

The Department of Physics offers undergraduate programs leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. The B.A. program is designed for students interested in a more general education in physics. The curriculum allows enough flexibility in electives to enable students to combine a physics major with another major in such areas as mathematics, biology, chemistry, computer science, engineering, business, and teacher education. The B.S. program is for students planning to pursue graduate studies in physics, applied science or engineering. For those students who desire additional capabilities in physics beyond the General Physics sequence, they may pursue a Minor in Physics or Biomedical Physics.

At the graduate level, the Department of Physics offers three Master’s degree programs (Master of Science in Physics, Master of Science in Applied Physics and Dual-Master Degrees in Physics and Engineering Science) and a Ph.D. degree program in Applied Physics.

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Program Requirements:

Students must complete the requirements for the Philosophy major in accordance with the following provisions:

1. Students must take either PHH 4440, 19th Century Continental Philosophy, or PHH 4600, Contemporary Philosophy, and their grade in each must be at least a “C.”

2. Students must take one course from each of the following groups:

   **Group 1**
   - PHI 3404 Scientific Method
   - PHI 4320 Philosophy of Mind
   - PHI 4300 Theory of Knowledge
   - PHI 5225 Philosophy of Language
   - PHP 4784 Analytical Philosophy

   **Group 2**
   - PHI 4670 Contemporary Ethical Theory
   - PHI 3601 Contemporary Moral Issues
   - PHI 3700 Philosophy of Religion
   - PHI 4800 Aesthetics
   - PHM 3021 Philosophies of Love and Sex
   - PHM 3400 Introduction to Philosophy of Law

   **Group 3**
   - PHM 3100 Social Philosophy
   - PHM 4332 Ancient and Medieval Political Philosophy
   - PHM 4331 Modern Political Philosophy
   - PHM 4340 Contemporary Political Philosophy
   - PHP 4788 Philosophy of Marxism

   **Group 4**
   - PHP 4700 American Philosophy
   - PHP 3786 Existentialism
   - PHP 4000 Plato
   - PHP 4010 Aristotle
   - PHP 4410 Kant
   - PHP 4740 The Rationalists
   - PHP 4745 Empiricists

3. Students must take an Honors Seminar in their senior year.

4. Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two faculty members, with the Chair as an ex officio member of every such committee.

5. Students cannot receive a grade lower than a “B” in any Philosophy course, and their grade point average in Philosophy must be at least a 3.5 to remain, or be graduated from the Philosophy Honors program.

6. Students must complete 35 credit hours in Philosophy, including the 3-hour thesis course and the 3-hour Honors Seminar.

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• PHYSICS (PHY/PHS)

The Department of Physics offers undergraduate programs leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. The B.A. program is designed for students interested in a more general education in physics. The curriculum allows enough flexibility in electives to enable students to combine a physics major with another major in such areas as mathematics, biology, chemistry, computer science, engineering, business, and teacher education. The B.S. program is for students planning to pursue graduate studies in physics, applied science or engineering. For those students who desire additional capabilities in physics beyond the General Physics sequence, they may pursue a Minor in Physics or Biomedical Physics.

At the graduate level, the Department of Physics offers three Master’s degree programs (Master of Science in Physics, Master of Science in Applied Physics and Dual-Master Degrees in Physics and Engineering Science) and a Ph.D. degree program in Applied Physics.
3. Liberal Arts Requirements
[General Education Requirements (36 credit hours); Exit
Requirements (9 credit hours)]
The student is required to complete the university's Liberal
Arts Requirements.

4. Free Electives
Courses over and above required courses should be
taken to complete a 120-hour program.

5. Residency Requirement
A minimum of 20 credit hours of physics courses (see 1
above) in residency.

6. D and F grades earned in attempting to satisfy major
requirements will be used in calculating the major GPA.

Requirements for the Minor in Physics
A minor in Physics consists of 19 credit hours which includes:

- Required Courses
  PHY 2048 or 2053 General Physics I (3)
  PHY 2048L or 2053L General Physics I Lab (1)
  PHY 2049 or 2054 General Physics II (3)
  PHY 2049L or 2054L General Physics II Lab (1)
  PHY 3101 Modern Physics (3)

- Elective Courses (Pick from list below) (8 credit hours)
  PHY 3221 Mechanics I (3)
  PHY 3323C Electricity and Magnetism I (4)
  PHY 4604 Intro. Quantum Mechanics (3)

- or Physics electives subject to approval of undergraduate
  advisor.

Required Supporting Courses
Correct prerequisites for any course required.

Requirements for the Minor in Biomedical Physics
A minor in Biomedical Physics consists of 16 credit hours which
includes:

- Required Courses
  PHY 2048 or 2053 General Physics I (3)
  PHY 2048L or 2053L General Physics I Lab (1)
  PHY 2049 or 2054 General Physics II (3)
  PHY 2049L or 2054L General Physics II Lab (1)
  PHZ 4731 Appl of Phy to Bio. & Medicine I (4)
  PHY 4732 Appl of Phy to Bio. & Medicine II (4)

This minor combines fundamental knowledge of physics
acquired through the General Physics lectures and laborato-
ries to applications that cover a wide spectrum of topics of
interest to students pursuing a future clinical or research
career in the areas of biology, medicine, biophysics, and other
related areas.

A minimum “C” average in the 16 credit hours is required
for obtaining this minor.

Teacher Education Programs
For information concerning the degree programs for sec-
ondary school teachers, see College of Education, Depart-
ment of Secondary Education; for junior college teachers, see
USF Graduate Catalog.

• PSYCHOLOGY (PSY)

Psychology involves the scientific study of behavior and
mental processes. Because of this focus, psychology is
relevant to many other areas of study both inside and outside
of the social and behavioral sciences. The undergraduate
program in Psychology offers the student a well-rounded
liberal arts education. In addition, the program provides
excellent training for qualified students who wish to pursue
graduate work in such disciplines as Clinical, Cognitive and
Neural Sciences or Industrial Psychology, Education, Geront-
ology, Counseling, Management, Medicine, Law, and other
human service programs. The undergraduate major empha-
sizes the breadth of psychology while allowing the student
some electives to pursue in depth a particular aspect of the
field. Interested undergraduate majors may apply for admis-
sion to a concentration in Applied Behavioral Analysis, or to
the Honors Program. The graduate faculty of the Psychology
Department are divided into three broad program areas:
Clinical, Cognitive and Neural Sciences, and Industrial/Orga-
nizational. Each of these program areas offers Ph.D.-level
training as well as instruction at the undergraduate level.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the
A.A. degree at the community college. Some courses re-
quired for the major may also meet General Education
Requirements thereby transferring maximum hours to the
university. If students transfer with fewer than 30 semester
hours of acceptable credit, the students must meet the
university’s entering freshman requirements including ACT
or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immuni-
ization, foreign language, and continuous enrollment policies
of the university.

Students should complete the following prerequisite
courses listed below at the lower level prior to entering the
university. If these courses are not taken at the community
college, they must be completed before the degree is granted.
Unless stated otherwise, a grade of “C” is the minimum
acceptable grade.

PSY X012 Introduction to Psychology and any other lower
level Psychology course within the Psychology inven-
ty

STA XXXX Any level Statistics course (X000 - X099)
BSC XXXX Any level General Biology course (or BSC
X200-X209, or ZOO X010)

Majors must complete at least 34 semester hours in the field.
A minimum grade of “C-” or better must be attained in each
course in the major, except for PSY 3044 and PSY 3213, where
a C or better is required. Although a C- is allowable
for individual courses, a major GPA of 2.0 minimum is required
for graduation. All majors must complete:

Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
   PSY 2012 Psychological Science I (if not already t
aken at a community college)
   PSY 3044 Psychological Science II

2. Methods Course Requirement (7 semester hours)
   PSY 3213 Research Methods
   and one of the following:
   CLP 4433 Tests and Measures
   PSY 4205 Experimental Design and Analysis
   or another methods course approved by the
   undergraduate advisor in Psychology.

3. 4000 Level Requirement (21 semester hours)
   Courses in categories 1 and 2 must be completed
   before any 4000 level courses are attempted. Successful
   completion of 7 additional Psychology courses numbered at
   the 4000 level selected as follows: At least two courses from
each of the two groups below:
   Group I
   EXP 4204C Perception
   EXP 4404 Psychology of Learning
   PSB 4013C Physiological Psychology
Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college-level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. The Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.

Concentration in Applied Behavior Analysis

Undergraduate majors working toward the B.A. in psychology may complete a structured sequence of coursework and practicum in Applied Behavior Analysis. Students are admitted to the program in the junior or senior year, after completing EXP 4404, Psychology of Learning and CLP 4414, Behavior Modification with a grade of B or better. Admission requirements further include a minimum overall USF GPA of 3.0 or better, GPA of 3.2 for Psychology coursework, completion of at least 75 hours, and three letters of recommendation. Admissions are made in the fall of each academic year. Successful completion of the concentration prepares students for employment opportunities in a variety of settings, for advanced study in Applied Behavior Analysis, and eligibility for completion of the Florida Certification Examination for Associate Behavior Analysis. Detailed information regarding the program and the admission process may be obtained from the undergraduate advisor or the program secretary.

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of a honors thesis. Application for the program will take place during the second semester of the student’s junior year or, typically, prior to completion of 90 semester credits. Admission to the program is competitive and based on the student’s overall academic record, performance in psychology courses, and a letter of recommendation from a member of the Psychology Department faculty. Successful completion of the program requires a GPA of 3.5 in major coursework, an overall GPA of 3.25 at USF, and, typically, completion of 43 hours in Psychology including PSY 4532, Honors Seminar (6) and PSY 4970, Honors Thesis (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

REHABILITATION AND MENTAL HEALTH COUNSELING (REF)

Five Year Masters Program

A five-year master’s program is available to undergraduates where an M.A. degree in Rehabilitation and Mental Health Counseling and a bachelor’s degree in another major (if desired) can be earned in a total program of 150 semester hours. An undergraduate major is not required. Students admitted through the five-year program (REF) must have completed 90 semester hours of work and have satisfied General Education, CLAST, and Rule 6A-10.30 (Gordon Rule) requirements. Minimum admission requirements include a total Verbal-Quantitative score of at least 1000 on the GRE or a “B” average over the last 60 semester hours. All applicants must take the GRE whether or not they have a 3.0 grade-point average. A detailed description of the M.A. program in Rehabilitation and Mental Health Counseling is found in the Graduate Catalog and on the Internet at http://www.cas.usf.edu/rehab_counseling/index.html.

Undergraduates interested in the five-year program (REF) should contact the department at the start of their sophomore year. Applications for the five-year program are available from the Department. GRE scores and three letters of recommendation must be received before any application is processed.

Mission Statement

The mission of the Department of Rehabilitation and Mental Health Counseling is to promote quality services for individuals with differences in abilities and to help the state meet its human service needs in the areas of rehabilitation and mental health through teaching, research and service.

Objectives

1. To provide students with a sound knowledge of the basic philosophical tenets and relevant historical foundations of rehabilitation and mental health counseling, and to prepare master’s level rehabilitation and mental health counselors who adhere to ethical principals, including the belief in human dignity and the right of all individuals to fully participate in society.
2. To prepare master’s level rehabilitation and mental health counselors to be critical consumers of information and to encourage participation in and contributions to the expansion of knowledge in the fields of rehabilitation and mental health counseling.
3. To encourage the professional growth and development of master’s level rehabilitation and mental health counselors through the promotion of on-going involvement in the rehabilitation community at the local, state, and national levels, and to promote advocacy on behalf of people with differences in abilities.

Rehabilitation Counselors work in a wide variety of settings, including public and private rehabilitation programs and facilities, mental health treatment settings, and substance abuse treatment settings. Some establish their own private rehabilitation or mental health counseling practices.
Religious Studies Major

Upper-level Requirements and Coursework for the

Recommended Prerequisites (State Mandated Common

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

Upper-level Requirements and Coursework for the Religious Studies Major

Students must choose a total of 36 credit hours from Religious Studies courses. Transfer students may not apply more than 6 credit hours taken elsewhere toward the minor at USF. Only letter grades will be counted for transfer. Requests for transfer of credit must be made to the Undergraduate Director in writing when declaring a minor.

All minors must take

a. REL 3003 Introduction to Religion (3)
b. REL 4939 Development of Religious Studies (3)
c. An additional 12 credit hours chosen from Religious Studies courses.

It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the major at USF. This will be decided as soon as the student becomes a major in the Department of Religious Studies at the University of South Florida.

The department’s course offerings are sufficiently varied that a student should expect to enroll in its scheduled classes. No more than three directed studies courses may be applied toward the major. Any student who wishes to take any type of directed study, including REL 3900, must have the (written) approval of his/her instructor.

Requirements for the Minor in Religious Studies

Students choose a total of 18 credit hours from Religious Studies courses. Transfer students may not apply more than 6 credit hours taken elsewhere toward the minor at USF. Only letter grades will be counted for transfer. Requests for transfer of credit must be made to the Undergraduate Director in writing when declaring a minor.

All minors must take

a. REL 3003 Introduction to Religion (3)
b. REL 4939 Development of Religious Studies (3)
c. An additional 12 credit hours chosen from Religious Studies courses.

It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the minor at USF. This will be decided as soon as the student declares a minor in the Department of Religious Studies at USF.

Requirements for the Honors Program in Religious Studies

The purpose of the Honors Program in Religious Studies is to provide outstanding undergraduates with advanced and individualized learning opportunities in Religious Studies and their areas of special interest in this field. In addition it will serve to facilitate more direct contact between students in the program and their faculty mentors. In this program, students who have demonstrated significant academic achievement will inquire into issues and questions in the study of religion at an advanced level under the guidance of faculty members with demonstrated expertise in their fields of study and a strong commitment to teaching. Upon completion of the program, the student’s transcript will state that the student graduated with Honors in Religious Studies. Application to the program should be submitted during a student’s Junior year. The Honors Committee will review all applicants before selecting no more than 10 individuals for the Honors Programs. Inductees will be notified of their admission to the Honors Program in the Spring term.
Admissions Criteria:
1. Religious Studies majors who have completed at least 70 (and preferably less than 90) hours of course work with an overall GPA of at least 3.25.
2. Completion of REL 3003 Introduction to Religion and at least 12 additional hours of course work in the department of Religious Studies with a GPA of at least 3.5 in the major.
3. A letter of recommendation from a Religious Studies faculty member who is familiar with the applicant's work.
4. A statement from a Religious Studies faculty member expressing her/his willingness to serve as chair of the applicant's thesis committee.
5. A short essay (2-3) pages by the applicant that includes the following: (a) a statement of the applicant’s qualifications for the program, (b) the applicant's area(s) of special interest, (c) an explanation of how the program will benefit from the applicant's inclusion in the program, and (d) the applicant's post-graduate plans.

Requirements for Completion of the Departmental Honors
1. Completion of the requirements for a Religious Studies major with a GPA of 3.5 or higher in the major.
2. Completion of a USF degree with an overall GPA of 3.25 or higher.
3. Completion of 4 credit hours of "Honors Seminar." Honors students will take the seminar for 2 credit hours in the Fall and 2 credit hours in the Spring.
4. Completion of 6 credit hours of Thesis/Directed Research for credit in the Fall and 3 credit hours in the Spring. Honors students must also complete and defend their Honors thesis in the second semester of their Senior year.

Students who do not complete this requirement may, upon the recommendation of their major professor and the Department Honors Program Coordinator, be allowed to continue in special circumstances.

Required Courses for the Minor:
REL 4910 Undergraduate Research (3)
REL 4911 Undergraduate Research (3)
REL 4937 Selected Topics: Fall Honors Seminar (2)
REL 4938 Selected Topics: Spring Honors Sem. (2)

SOCIAL WORK (SOK)
The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to:
1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, interventive methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one's obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program after having satisfied the admission criteria described below. However, the completion of the prerequisites does not guarantee the student's admission to the program. Limited state funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of nowhere available space. Any student applying for full admission to the program should be aware of this possibility.

A student must maintain a GPA of 2.75 minimum in social work courses while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described above in order to proceed in the major. Any student who fails to maintain at least a 2.75 GPA in the social work major and/or demonstrates behaviors that are incongruent with the standards and values of the profession may not proceed in the major.

A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. A grade of "C" is not considered acceptable and a student receiving a "C" student will be allowed to enter field placement with a "C-" grade or below in any SOW core courses, even if the student's GPA is 2.75 or above with the inclusion of the a "C-" grade of below.

Admission to the B.S.W. program is a three stage process, i.e., common prerequisites, provisional courses, and core curriculum. Any student who holds a minimum of sophomore standing and is completing common prerequisite work in political science, biology, economics, psychology and sociology (see specific requirements below) may declare a social work major. At this stage, students may file a declaration of major form with the Office of Graduate and Undergraduate Studies. All majors will be assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general education at USF or in their course of study at a community college. After completion, a student will be ready for admission in the provisional social work major. Any student applying for full admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the social work full major are as follows:
1. A student must have completed a minimum of one semester as a provisional social work major.
2. A student must have completed required common prerequisite courses and provisional courses (see listing).

3. A student must complete an application for full admission and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be announced in provisional courses.

4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.

5. A student must achieve a grade of “B” or better in SOW 3302, "Introduction to Social Work" and SOW 3203, "The American Social Welfare System," to be considered for full admission. A grade of “B-” is not acceptable in either "Introduction to Social Work" or "American Social Welfare."

6. A student must have successfully completed CLAST. A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

Social Work is a limited access program. Students wishing to transfer to USF may complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural provisional course (P*) before entering USF. All courses must be passed with a “C” or better. A grade of “B-” is not acceptable as a passing grade in any of the common prerequisite courses or the cross-cultural course.

SOW 3302 Introduction to Social Work and SOW 3203 American Social Welfare must be taken at USF or another accredited institution and must be completed, earning a grade of “B” or better. A grade of “B-” is not acceptable as a passing grade for either course.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete the following courses, by earning a “C” or better. A grade of “C-” is not acceptable as a passing grade for either course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXXXXXX</td>
<td>American Government (American National Government or American Government)</td>
<td>(3)</td>
</tr>
<tr>
<td>XXXXXXX</td>
<td>Biology (Human Biology or Anatomy &amp; Physiology)</td>
<td>(3)</td>
</tr>
<tr>
<td>ECOXXXX</td>
<td>Economics (Microeconomics or Macroeconomics)</td>
<td>(3)</td>
</tr>
<tr>
<td>XXXXXXX</td>
<td>Introductory Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>XXXXXXX</td>
<td>Introductory Sociology/Social Problems</td>
<td>(3)</td>
</tr>
</tbody>
</table>

At USF, the following courses are recommended to meet this requirement (one course in each area):

American Government:
- POS 2041 American National Government (3)
- POS 2112 State and Local Government and Politics (3)
- POS 3182 Florida Politics and Government (3)

Biology:
- BSC 1005 Principles of Biology for Non-majors (3)
- BSC 2022 Biology of Aging (3)
- BSC 2025 Food: Personal & Global Perspectives (3)
- BSC 2035 Sex and Today’s World (3)

ECON 1000 Basic Economics (3)
- PSY 2012 Psychological Science I (3)
- PSY 3044 Psychological Science II (3)

Sociology:
- SYG 2000 Introduction to Sociology (3)
- SYG 2010 Contemporary Social Problems (3)
- SYD 4800 Gender and Society (3)
- SYO 3530 Poverty, Inequality, and Stratification (3)
- SYP 3000 Social Psychology (3)
- SYP 4510 Sociological Aspects of Deviance (3)

Total 38 hours

Foundation Courses (F*) for Social Work Majors (May be completed after transferring to USF):

1. A student must successfully complete by earning a “C” or better one of the following cross cultural courses or equivalency. A grade of “C-” is not acceptable as a passing grade for any of the following courses.

African American Studies:
- AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] (3)
- AFA 4333 African Diaspora: Blacks in the Construction of the Americas (3)
- AFA 4335 Black Women in America (3)
- AFS 2250 Culture and Society in Africa (3)
- AMS 3700 Racism in American Society (3)

Anthropology:
- ANT 2000 Introduction to Anthropology (3)
- ANT 2410 Cultural Anthropology (3)
- ANT 3005 The Anthropological Perspective (3)
- ANT 4316 Ethnic Diversity in the USA (3)
- ANT 4432 The Individual and Culture (3)

Sociology:
- SYD 3700 Racial and Ethnic Relations (3)

Women’s Studies:
- AMH 3561 American Women I (4)
- AMH 3562 American Women II (4)
- LIT 3383 The Image of Women in Literature (3)
- PUP 4323 Women and Politics (3)
- SOP 3742 Psychology of Women (3)
- WST 3015 Introduction to Women’s Studies (3)
- WST 3311 Issues in Feminism (3)
- WST 4262 Literature by American Women of Color (3)
- WST 4410 Third World Women Writers (3)

2. Both of the following Social Work courses, earning a “B” or better:
- SOW 3203 American Social Welfare System (3)
- SOW 3302 Introduction to Social Work (3)

Social Work Core Courses

1. Human Behavior and Social Environment Courses
   - SOW 3101 (4)
   - SOW 3102 (4)

2. Social Welfare: Policy & Program Course
   - SOW 4233 (4)

3. Social Research Course
   - SOW 3401 (4)

4. Social Work Practice Courses
   - SOW 4341 (5)
   - SOW 4343 (5)

5. Directed Field Experience
   - SOW 4510 (3)
   - SOW 4510L (6)

6. Multi-cultural America
   - SOW 4522 (3)

Summary:
- Core Courses 29 hours
- Field Experience 9 hours
- TOTAL 38 hours
• SOCILOGY (SOC)

Sociology is the study of social life and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies. Because all human behavior is social, the subject matter of sociology ranges from intimate families to hostile mobs; from crime to religion; from the divisions of race, gender, and social class to the shared beliefs of a common culture; from the sociology of work to the sociology of emotions.

The Sociology major is designed to provide students with a broad liberal arts education and a greater understanding and insight into the social systems and processes that bear upon everyday lives. Opportunities for students with Bachelor’s degrees in Sociology are quite varied. Some go on to work for human service agencies; others work in personnel, criminal justice, and urban planning; others enter graduate programs in sociology, education, law, medicine, or social work. Toward these ends, all students are encouraged to become skilled in the use of computers and libraries.

Requirements for the Major in Sociology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete two lower level introductory courses in Sociology prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of “C” is the minimum acceptable grade. Students are encouraged to take the following prerequisites, or major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

STA 2122 Social Science Statistics (3)
SYG 2000 Introduction to Sociology (3)
WST 3015 Introduction to Women’s Studies (3)

Specific Coursework in the Sociology Major

The major consists of a minimum of 36 credit hours of Sociology coursework plus ISS STA 2122: “Social Science Statistics” or its equivalent. All university-wide regulations regarding transfer credits and credits needed for graduation apply, at least 27 of the 36 hours of coursework in Sociology must be USF credits. Only courses in which a grade of “C” or better is attained will count toward the minimum hours although lower grades are included in calculating the major GPA.

The minimum of 36 credit hours in Sociology must include the following four core courses (12 hours):

SYG 2000 Introduction to Sociology (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
SYA 3010 Classical Theory
SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent)
SYA 4935 Senior Seminar (Students earning a grade less than “C” in this course must take an additional course in Sociology. In that event, the minimum number of Sociology credits is 39)

The remaining 24 hours of sociology coursework may be comprised of any of the courses offered by the Sociology department with the exception of SYG 2412, “Marriage.” This course counts toward the total number of hours needed to graduate but it does not count toward the minimum number of sociology hours needed for the major. No more than three hours of SYA 4910, Individual Research may count toward the 36 hour minimum.

Students are encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about major requirements or about which electives offered each semester would best meet their educational and career goals.

Requirements for the Minor in Sociology

A minor in Sociology consists of a minimum of 18 credit hours in Sociology, at least 12 of which must be USF credits. Minors must take SYG 2000 Introduction to Sociology and SYA 3010 Classical Theory. No more than three hours of SYA 4910 “Individual Research” may count toward the 18 hour minimum; SYG 2412 “Marriage” does not count toward the total number of minimum hours for the minor. Only courses in which a grade of “C” or better is attained will count toward the minimum hours.

While students do not declare a Sociology minor until application for graduation, they are encouraged to make an appointment with the Sociology Department Undergraduate Advisor if they wish to discuss which Sociology electives offered each semester would best meet their educational and career goals.

Honors Program in Sociology

Through the Undergraduate Honors Program, the Department of Sociology provides its outstanding students with opportunities to work closely with faculty and graduate students with shared interests in specific areas of social experience. Students accepted into the program select a faculty mentor with expertise in the area of study of interest to the student. Under the supervision of this mentor, honors students conduct sociological research in their area of interest culminating in the preparation of an honors thesis. Students apply to the Honors Program in the Spring Semester during their junior year for admission for the following Fall. Admission to the program is competitive. Meeting minimum requirements does not guarantee admission. Minimum Eligibility Requirements:

1. Junior standing.
2. 12 semester hours of sociology course work with a major GPA of 3.0 or higher.
3. Overall USF GPA of 3.0 or higher.
4. Selection and approval of faculty mentor.

Completion Requirements:

1. Completion of all requirements for the major.
2. Completion of at least one upper level elective relevant to the thesis (course must be approved by faculty mentor).
3. USF overall and major GPA of at least 3.00.
4. Successful completion of the Honors Seminar.

Applications for the Undergraduate Honors Program in Sociology are available in the Sociology Department (CPR 209).

• WOMEN’S STUDIES (WST)

Women’s Studies at the University of South Florida offers an interdisciplinary field of study that features and critically examines women’s experiences, taking into consideration historical, cultural, racial, class, and other differences. The department offers a B.A., a minor in Women’s Studies, and a concentration in Women of Color Studies. Enhancing knowledge about feminisms and gender studies through teaching,
emphasize multiculturalism and diversity, the department focuses on critical thinking, collaborative learning, and personal empowerment.

Women’s Studies offers excellent undergraduate preparation as well for:
- Those who wish to apply to law school or graduate study in a variety of fields, e.g., Urban or Medical Anthropology, Counselor Education, Criminal Justice, Gerontology, History, Rehabilitation Counseling, Social Work, Women’s Studies.
- Those who want to focus on women in specific disciplines or professions; and
- Those whose training would benefit from a close scrutiny of the major issues facing women today.

**Requirements for the Major in Women’s Studies**

**Prerequisites** (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

No State Mandated Common Prerequisites are required for this degree program. However, during the program of study at the community college students should begin to satisfy General Education/Gordon Rule requirements, take WST 3015, "Introduction to Women’s Studies," or other introductory courses in the Social Sciences and Liberal Arts. Courses to help students with reading and writing skills are helpful as well. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

**Upper-level Coursework for Women’s Studies Majors**

Each major must complete 36 hours distributed as follows:

I. Required Core Courses (15 hours)
   - WST 3311 Issues in Feminism (3)
   - WST 4310 History of Feminism in the U.S. (3)
   - WST 4522 Classics in Feminist Theory (3)
   - WST 4935 Capstone/Senior Project (3)
   - AFA 4335 Black Women in America OR
   - WST 4262 Literature by Women of Color in the Diaspora (3)

II. Electives:
   - WST 2250 The Female Experience in America (3)
   - WST 3210 European Feminist History: Pre-18th Century (3)
   - WST 3220 European Feminist History: 18th Century to Present (3)
   - WST 3225 Women, Environment and Gender (3)
   - WST 3440 Women and Social Action (3)
   - WST 4260 Research Issues on Women of Color (3)
   - WST 4410 Third World Women Writers (3)
   - WST 4335 Women and Film (3)
   - WST 4320 The Politics of Women’s Health (3)
   - WST 4350 Women and Science (3)
   - WST 4560 Contemporary Feminist Theory (3)
   - PHI 4632 Feminist Ethics (3)
   - POS 4693 Women and Law I (3)
   - POS 4694 Women and Law II (3)
   - WST 4900 Directed Readings (3)
   - WST 4910 Directed Research (3)

WST 4930 Selected Topics (Limit to 6 credits from the following courses)
   - AMH 3561 American Women I (4)
   - AMH 3562 American Women II (4)
   - AMS 3370 Southern Women: Myth and Reality (3)
   - COM 4030 Women and Communication (3)
   - POS 4323 Women and Politics (3)
   - REL 3145 Women and Religion (3)
   - SOP 3742 Psychology of Women (3)
   - SPT 2524 Women Writers of Latin America (3)
   - WST 2600 Human Sexual Behavior (3)
   - WST 3015 Introduction to Women’s Studies (3)

Students electing to major in Women’s Studies should consult the Undergraduate Advisor for timely scheduling of classes.

**Requirements for the Minor in Women’s Studies**

A student wishing to minor in Women’s Studies will be required to take six courses:

**Required:**
- WST 3015
- WST 3311

**Electives:**
- Plus 15 credit hours with at least 2 courses at the 4000 level and above.

Minor in “Women of Color”

Women’s Studies offers a specific concentration in the area of Women of Color whose focus will be to examine the relationship between women of color and institutions of power.

The concentration prepares students for graduate work and/or professional careers in traditional and non-traditional areas such as health and education, international relations, the creative arts, law, medicine, social work, government and public policy, the social sciences, and community organization.

The requirements for the minor are 15 hours, which are to be selected from the following upper-level courses:

- AFA 4335 Black Women in America (3)
- WST 4260 Research Issues on Women of Color (3)
- WST 4930 Selected Topics (3)
- ANT 4302 Gender in Cross-Cultural Perspective (3)
- WST 4262 Literature by Women of Color in the Diaspora (3)
- WST 3412 Women in the Developing World (3)
- WST 4410 Third World Women Writers (3)

**WORLD LANGUAGE EDUCATION**

The Department of World Language Education offers students several undergraduate degrees. Although a baccalaureate degree is not offered in Linguistics, a minor is available to students. Comprehensive information about these programs is listed below.

**CLASSICS (CLS)**

Major programs leading to the Bachelor of Arts degree are offered in Classics and Interdisciplinary Classical Civilizations. These programs are designed to meet the needs of students who desire competence in Latin and/or Greek and a broad understanding of ancient culture and literature. The majors are of particular interest to students who wish to teach the languages, to those who plan graduate study in a humanistic discipline, and to those who want an undergraduate major that focuses on the ancient civilizations that are the cornerstone of the Western tradition.
Requirements for the Major in Classics

1. Completion of requirements for a major in the Department with a GPA above 3.5.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of “A” on a sight translation from a Latin or Greek text.
4. Two letters of recommendation from departmental faculty.

Upper-Level Coursework for the Classics Major

The Major in Classics requires 10 courses, earning a minimum of 30 credit hours. Of those courses, a minimum of 4 courses must consist of language courses in Latin (LAT 1120, LAT 1121 or LAT 2200) or in Greek (GRE 1120 & 1121 or LAT 1120 & 1121). The remaining 6 courses are to be chosen from a list of approved courses with the advice of the Classics advisor.

Requirements for the Minor in Classics

The minor in Classics Greek or Latin consists of 4 courses, earning a minimum of 12 credit hours, chosen from a list of approved courses with the advice of the Classics advisor, 2 of which must be successive courses in Latin (LAT 1120, LAT 1121) or in Greek (GRE 1120, GRE 1121).

Honors Program

Admissions Criteria

1. Senior status.
2. Completion of the “core” courses required for a major in the Department with a GPA above 3.5.
3. An overall GPA above 3.3.
4. Two letters of recommendation from departmental faculty followed by departmental approval.

Dismissal Procedures

The student must maintain a Departmental GPA of 3.5, must submit the Honors Thesis on time, and must pass the scheduled Departmental Honors Examination. Otherwise, the candidate receives no Honors.

Requirements for Completion of Departmental Honors:

1. Completion of requirements for a major in the Department with a GPA above 3.5 and an overall GPA of 3.3 or above.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of “A” on a sight translation from a Latin or Greek text.
4. Successful completion of an upper-level Greek or Latin course designated as an Honors Seminar.

Requirements for the Major in Interdisciplinary Classical Civilizations (ICC)

Interdisciplinary Classical Civilizations is a broad-based area study encompassing the literature, history, linguistics, art and archaeology, philosophy, and religion of Greece, Rome and the Near East from pre-history to late antiquity. For centuries, the study of these vibrant societies has been recognized as essential to a proper understanding of our own culture and, recently, there has been a renewed recognition of the skills such study develops.

All students wishing to enroll in the ICC major must schedule an appointment with the Coordinator of Interdisciplinary Classical Civilizations in order to develop a program of study. Students will be urged to fulfill their General Education and University Exit Requirements, whenever possible, from courses taught within the Classical Civilizations Program. Courses that are applied toward the Gen. Ed. or “Core” Requirements cannot be utilized more than once.

Language Requirement: The BA language requirement should be fulfilled by the two-semester sequence in either Greek or Latin (GRE 1120 & 1121 or LAT 1120 & 1121). One semester of intermediate level Greek or Latin (GRE 2220 or LAT 2200) is required by State mandate.

The ICC Major can be fulfilled in one of two ways:

A. The ICC Major (33 hours minimum) is intended for students who wish to become familiar with aspects of the Classical heritage of Western Civilization.
B. The ICC Major with Honors (39 hours minimum) is intended for students who wish to continue their studies beyond the undergraduate level and includes a thesis (3 hrs.). The student must also maintain a 3.5 GPA within the major and a 3.3 overall GPA.

A. Requirements of the ICC Major (33 hours minimum)

1. 12 hours from the ICC “Core.”
   - CLA 3103 Greek Civilization (3)
   - or
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - or
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - or
   - ANT 3101 Archaeology (3)
   - or
   - REL 3280 Biblical Archaeology (3)
   - and
   - CLT 3370 Classical Mythology (3)

2. 18 hours (minimum) from the ICC “Fields.”
   Two (2) courses from an approved list of 2000 to 3000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.
   - Four (4) courses from an approved list of 3000 to 4000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.

B. Requirements of the ICC Major with Honors (39 hours minimum):

1. 12 hours from the ICC “Core.”
   - CLA 3103 Greek Civilization (3)
   - or
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - or
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - or
   - ANT 3101 Archaeology (3)
   - or
   - REL 3280 Biblical Archaeology (3)
   - and
   - CLT 3370 Classical Mythology (3)
The ICC Minor (15 hours minimum) can be fulfilled in one of two ways:

A. Courses are divided by level, with the “field” of study unrestricted.

1. Two courses (6 hours) from the ICC Minor “Core.”
   - Either
     - CLT 3101 Greek Civilization (3)
     - CLT 3101 Greek Literature in Translation (3)
   - Or
     - CLT 3103 Roman Civilization (3)
     - CLT 3102 Roman Literature in Translation (3)
     - CLT 3370 Classical Mythology (3)

2. 3-4 hours from 2000-3000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.

3. 6-8 hours from 3000-4000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.

B. Courses are organized along an interdisciplinary principle.

1. Two courses (6 hours) from the ICC Minor “Core.”
   - Either
     - CLA 3103 Greek Civilization (3)
     - CLT 3101 Greek Literature in Translation (3)
   - Or
     - CLA 3123 Roman Civilization (3)
     - CLT 3102 Roman Literature in Translation (3)
     - CLT 3370 Classical Mythology (3)

2. 9-12 hours from the Interdisciplinary Requirements. The student will complete three 3-4 credit courses, one each from three of the following four fields: (1) Anthropology, (2) History, (3) Philosophy, (4) Religious Studies. Courses are chosen with the guidance and approval of the Coordinator from the list certified for the major.

MODERN LANGUAGES (FRE/GER/GRK/ITA/RUS/SPA)

Foreign Language major programs are designed to meet the needs of students who desire competency in a language and an expanded understanding of its culture and literature. They are of particular interest to students who wish to teach languages, those who plan to further their studies in graduate school, and those who seek careers in various types of foreign or foreign-related employment, either in government or business.

Major programs leading to the bachelor of arts degree are offered in French, German, Italian, Russian, and Spanish. All major programs in foreign language require a total of 32 hours of coursework above the intermediate level. French and Spanish majors with an International Studies and Business Concentration require a total of 63 hours of coursework distributed in the three areas.

The following languages may also be taken as a minor: French, German, Italian, Latin, Modern Greek, Russian, and Spanish. The minor consists of 15 hours of course work in French and Spanish above the second-year level, and 16 hours in the other languages except for the less commonly taught languages. In order to begin taking courses for the minor, the student will have satisfactorily completed the intermediate level or have equivalent proficiency in the foreign language. Instruction in less commonly taught languages may be available upon sufficient demand.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should demonstrate proficiency at the intermediate level within the target language. This may be accomplished by completing 6-12 hours within the language or by demonstrated competency at the intermediate level. If this coursework (or associated competency) is not completed at the community college, it must be completed before the degree is granted. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

ECN 1101 English I (3)
ECN 1102 English II (3)
Social Science (any HIS, SOC, ANT, etc.) (6)
Humanities (any HUM) (6)
Beginning and Intermediate “Target Language” (1120, 1121, and 2200) (14-19)

Upper-level Coursework Required for Each of the Following Modern Language Majors

• French (FRE)
Required courses for the major (15 credit hours)
FRE 3230 (3) FRW 4100 (3)
FRE 2240 (3) FRW 4101 (3)
FRE 3420 (3)
Required courses for the major (15 credit hours)

• Italian (ITA)
  FRE 2240 (3) FRE 3420 (3)

Supporting courses required for the minor (6 credit hours)
  9 hours in 3000, 4000, or 5000 level courses except courses in translation.

• French (FRE) with an International Studies and Business Concentration
  Required courses in French for the major (15 credit hours)
  FRE 2240 (3) FRE 3230 (3)
  FRE 3420 (3) FRE 3440 (3)
  FRE 3500 (3)

Supporting courses in French required for the major (9 credit hours)
  Choose from the list below:
  FRE 4421 (3) FRE 4700 (3)
  FRE 4930 French for Business II (3)
  FRE 4930 French Phonetics (3)
  FRE 5425 (3) FRE 5566 (3)
  FRW 4100 (3) FRW 4101 (3)

Required courses in International Studies (9 credit hours)
  CPO 2002 (3) EUS 3000 (3)
  CPO 4930 Comparative Government & Politics (3)

Required courses in Business (18 credit hours)
  ACG 3074 (3) ECO 1000 (3)
  MAN 3025 (3) MAR 3023 (3)
  FIN 3403 (3) Capstone Course (3)

Supporting courses in Business for the major (6 credit hours)
  Choose any 2 upper-level international business courses.

Required overseas study courses &/or area studies courses (6 credit hours)
  Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• German (GER)
  Requirements for the major (17 credit hours)
  GEW 4100 (3)
  GEW 4900 or FLE 4316 (2)
  9 hours of 3000, 4000, or 5000 level coursework in German

Supporting courses required for the major
  15 hours in 2000-5000 level courses with coursework in German (taught in either German or English), including approved courses in related disciplines, planned with the advisor (max of 9 hours German taught in English).

Required courses for the minor (9 credit hours)
  9 hours of 3000, 4000, or 5000 level coursework in German.

Supporting courses required for the minor (6 credit hours)
  6 hours of 2000, 3000, 4000, or 5000 level coursework in German (taught in either German or English, max 3 hours taught in English, max 3 hours in 2000 level).

• Modern Greek (GRK)
  Required courses for the minor (16 credit hours)
  GRK 2200 (4) GRK 4905 (4)
  GRK 2201 (4) GRK 4930 (4)

• Italian (ITA)
  Required courses for the major (15 credit hours)
  ITA 2240 (4) ITW 4100 (4)
  ITA 3420 (3) ITW 4101 (4)

Supporting courses required for the major
  17 hours in 3000 or 4000 level courses, including approved courses in related disciplines, planned with the advisor.

Required courses for the minor (7 credit hours)
  ITA 2240 (4) ITA 3420 (3)

Supporting courses required for the minor
  9 hours in 3000 or 4000 level courses except courses in translation.

• Russian (RUS)
  Required courses for the major (14 credit hours)
  RUS 3240 (4) RUT 3110 (3)
  RUS 4241 (4) RUT 3111 (3)

Supporting courses required for the major
  18 hours in 3000 or 4000 level courses planned with the advisor.

Required courses for the minor (8 credit hours)
  RUS 3240 (4) RUS 4241 (4)

Supporting courses required for the minor
  8 hours in 3000 or 4000 level courses.

• Spanish (SPA)
  Required courses for the major (15 credit hours)
  SPN 4301 (3) SPN 4130 (3)
  SPW 4100 (3) SPW 4131 (3)
  SPW 4101 (3)

Required courses for the minor (3 credit hours)
  SPN 4301 (3)

Supporting courses required for the major
  12 hours in 3000, 4000 or 5000 level courses. Students may take up to three (3) credit hours related to Spanish language and culture in another department approved by the Spanish advisor.

Required courses for the minor (3 credit hours)
  SPN 4301 (3)

Supporting courses in Spanish required for the major (6 credit hours)
  Choose from the list below:
  SPN 3340 (3) SPN 4130 (3)
  SPN 3441 (3) SPN 4301 (3)
  SPN 3500 (3) SPN 4410 (3)

Supporting courses in Spanish required for the major (6 credit hours)
  Choose from the list below:
  SPN 3340 (3) SPN 4130 (3)
  SPN 3441 (3) SPN 4301 (3)
  SPN 3500 (3) SPN 4410 (3)

Required overseas study courses and/or area studies courses (6 credit hours)
  Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• Spanish (SPA) with an international studies and business concentration
  Required courses in Spanish for the major (18 credit hours)
  SPN 3440 (3) SPN 3520 (3)
  SPN 3441 (3) SPN 4301 (3)
  SPN 3500 (3) SPN 4410 (3)

Supporting courses in Spanish required for the major (6 credit hours)
  Choose from the list below:
  SPN 3340 (3) SPN 4130 (3)
  SPN 3441 (3) SPN 4301 (3)
  SPN 3500 (3) SPN 4410 (3)

Required overseas study courses and/or area studies courses (6 credit hours)
  Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

• Track in International Studies (Latin America) with a Language (Spanish) and Business Concentration
  Required International Studies courses (15 credit hours)
  CPO 2002 (3) INR 1015 (3)
  CPO 4930 Comparative Government & Politics (3)

Required courses in Business (18 credit hours)
  ACG 3074 (3) ECO 1000 (3)
  MAN 3025 (3) MAR 3023 (3)
  FIN 3403 (3) Capstone Course (3)

Supporting courses in Business for the major (6 credit hours)
  Choose any 2 upper-level international business courses.

Required overseas study courses and/or area studies courses (6 credit hours)
  Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.
STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES

Alpha Epsilon Delta (AED) - National Premedical Honor Society - Open to all USF students with an interest in health professions. To be inducted into the national honorary, students must have 3.0 overall GPA and science GPA with a minimum of 3 semesters of college work completed, including one semester at USF. Students do not need to be in the national honorary in order to participate in the chapter at USF. For further information please go to www.ctr.usf.edu/aed.

Alpha Phi Sigma - To recognize and promote high scholastic achievement among students in the Criminal Justice major by supporting service projects, tutoring services, and other goal directed activities. For further information please call (813) 974-6217.

American Chemical Society Student Affiliate - To enhance the students’ knowledge of chemistry and chemistry related fields. For further information please call (813) 974-2144, SCA 411.

American Criminal Justice Association - To offer students an organization that exposes them to career opportunities in fields related to criminology. We also provide interaction between students and professionals in the field of criminal justice. For further information please call (813) 974-6217.

American Medical Student Association (AMSA) - Open to all Pre-Medical students. AMSA sponsors student-run projects carried out at the local level that allows future physicians to work on their communities as teachers and advocates of health promotion and disease prevention. For further information please go to welcome.to/premedAMSA.

Anthropology Club - To promote and encourage an interest in Anthropology among individuals within the USF community, to provide a forum for the exchange of anthropological ideas between faculty and students, and foster an informal and creative atmosphere for interaction. For further information please call the Department Office at (813) 974-0783.

Arts and Sciences College Council - To represent the students of the College of Arts & Sciences in expressing their opinions, to help them participate in determining college policy, to provide services that may help in furthering their interests and education in the Arts and Sciences. For further information please go to BEH 201 or call (813) 974-6957.

Arts and Sciences Honor Society - To recognize high academic achievement by students in the College of Arts and Sciences. Membership is by invitation. One induction is held each year during the fall semester. For further information, check the ASHS web site at http://nosferatu.cas.usf.edu/~poonkase or call (813) 974-6957.

Association of Minority Communicators - To inform and help facilitate minority students interested in Communication about the profession and help them gain practical experience.

Colloquia in Literature and Linguistics - Provides a stimulating environment in which graduate students in French, Spanish, and Linguistics can share and expand their scholarly endeavors. Sponsors guest lectures. For further information please go to CPR 419.

Communication Council - To encourage and promote extracurricular learning as well as social interaction among communication majors and minors. For further information please go to CIS 3058.

Economics Club - To promote and develop the application of economic concepts within the student body and provide a social basis for interaction. For further information go to the club website at www.coba.usf.edu/departments/economics.

French Club - To promote the interest of the French language, Francophone culture and civilization through programs scheduled at club meetings and through social events of the club. For further information please go to CPR 419.

Gamma Theta Upsilon (GTU) - An international honor society in geography. The purposes of GTU are: to further professional interest in geography by affording a common organization for those interested in the field; to strengthen student and professional training through academic experiences in addition to those of the classroom and laboratory; to encourage student research of high quality.

Geography Club - To foster understanding of and stimulate interest in the discipline of Geography and its subfields. For further information please go to SOC 305.

Geology Club - The Geology Club at USF involves its members along with the department in many activities such as trips, annual T-shirt sales and extracurricular academic participation. These events include hosting weekly lecture series by professional geologists and providing opportunities for members to teach geology to local elementary schools. For further information please contact Dr. Jeff Ryan, SCA 507; or Geology Web Page @ www.cas.usf.edu/geology/.

German Club - To promote the interest of German language, culture, and civilization through programs scheduled at club meetings and through social events of the club. For further information please go to CPR 419.

HOSA - Health Occupations Students of America (HOSA) is a national organization that supplements the health education curriculum. HOSA develops the whole person, not just job-specific skills. HOSA’s purpose is to foster leadership skills, communication skills and other occupational competencies and social skills that will lead to a successful career in the health field. For further information please go to ctr.usf.edu/hosa.

Humanities and American Studies Society - This organization’s stated purpose, according to its Constitution, is “to inspire a greater appreciation of our past and present through the study and enjoyment of various art forms.” Activities range from gallery strolls to lectures, film series, and campus theatre performances.

International Studies Organization - To promote interaction between students and faculty. To enlighten the student populace of USF the values of International studies and to foster gender relations among international studies majors. For further information please go to SOC 373.
**Pre-Dental Society** - The Pre-Dental Society is open to all students with an interest in Dentistry. Through the Society, students have an opportunity to not only get to know other pre-dental students, but to meet and hear presentations from dental school admissions officers and practicing dentists. The Society also has organized an extensive mentor program through which students can arrange to observe dentists from each of the specialties as they work in their offices. For further information please go to www.cas.usf.edu/sac/studsoc.html.

**Pre-Veterinary Society** - USF Preveterinary Society provides fellowship and exchange among students interested in veterinary medicine, animal science and/or research. Membership is open to students from USF and other local colleges who wish to participate in a variety of activities that will enhance their knowledge in animal science. Activities have included tours at EPCOT - the Land of the Seas, Sea World, Lowry Park Zoo, an ostrich farm, and University of Florida College of Veterinary Medicine. Students meet a variety of specialists in the area. For further information please go to www ctr.usf.edu.

**PsI Chi** - Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who meet the minimum qualifications. Psi Chi is a member of the Association of College Honor Societies and is an affiliate of the American Psychological Association and the American Psychological Society.

**Sigma Gamma Epsilon** - To recognize and promote academic and professional excellence in the Earth Sciences.

**Student Broadcasting Association** - To give students with an interest in television/radio journalism hands-on experience and the opportunity to produce a news program for public access television. For further information please go to CIS 3005.

**Student Chapter of the Mathematical Association of America** - A club for students who enjoy doing, discussing and learning mathematics. For further information please go to PHY 342.

**Student Society for Technical Communication-SSTC** - Offers students scholarships, publication competitions, internship opportunities, resume and computer workshops and networking socials with local professionals who are established in the field. For further information please go to CTR 2419.

**University Psychology Association** - The purpose of this organization shall be to foster understanding and stimulate interest in the discipline of Psychology and its sub fields. University Psychology Association is open to all USF students interested in the field of Psychology.

**Women's Studies Student Association** - To promote interest in women's issues and provide an informative and social atmosphere for all interested Women's Studies' affiliates.

**ARTS AND SCIENCES FACULTY**

**Africana Studies**

Interdisciplinary Social Sciences
Coordinator: M. Landers.

International Studies

Library and Information Science

Mass Communications

Mathematics

Medical Technology
Administrator: J. Spencer; Courtesy Professors: I. L. Browarsky (Tampa General Hospital), L. Davis (Bayfront Medical Center), R. Perez (Shands Jacksonville), R. F. Holcomb (Florida Hospital), G. M. Shore (St. Vincent’s Medical Center); Courtesy Lecturers: L. Chakkaphak (St. Vincent’s Medical Center), L. Ferguson (Tampa General Hospital), P. Rogers (Florida Hospital), J. Schurig (Bayfront Medical Center), J. Sigler (Shands Jacksonville).

Philosophy
Chairperson: S. P. Turner; Professors: J. P. Anton (Distinguished Professor of Greek Philosophy & Culture), J. A. Bell, Charles Guignon, O. Schutte, B. Silver, W. H. Truitt, R. C. Weatherford, K. Wiredu; Distinguished Research Professor: S. P. Turner; Associate Professors: M. R. Schonfeld, R. N. Taylor, J. B. Waugh; Assistant Professors: B. Sadler, D. Weiskopf, E. Winsberg; Courtesy Associate Professors: M. Gibbons; Courtesy Assistant Professor: A. Chitwood; Courtesy Professor: S. Axinn.

Physics

Political Science

Psychology

Public Administration
Director: J. E. Pynes; Professors: J. E. Freischat, J. E. Pynes; Associate Professors: J. L. Daly, A. Njoh; Assistant Professors: S. M. Calabrese; Joint Appointments: Professor: J. E. Benton; Associate Professor: P. N. Riggs.

Rehabilitation and Mental Health Counseling
Chairperson: C. G. Dixon; Distinguished Research Professor: W. G. Ebenroth; Professors: J. D. Rasch; Associate Professors: C. Dixon, S. Kelley, T. J. Wright; Assistant Professors: L. L. Charlés, M. Richard; Clinical Instructor: J. Ferrandino.

Religious Studies
Chairperson: D. Jorgensen; Distinguished University Professor: J. F. Strange; Professors: D. J. Fasching, S. Garcia; D. Jorgensen, S. Mandell, M. G. Mitchell, D. Schenck; Assistant Professors: K. O’Connor, W. Zhang; Instructors: D. deChant, P. Schneider; Other Faculty: M. Angrosino, J. S. Hatcher.

Social Work
Sociology

Women’s Studies
Chairperson: O. Schutte; Professor Emeriti: L. L. McAlister, J. Snook; Professor: O. Schutte; Associate Professors: I. Bartsch, C. DiPalma, G. Grewal, M. Myerson, K. Vaz; Assistant Professor: C. J. Eichner.

World Language Education
The College of Business Administration offers courses of study leading to both undergraduate and graduate degrees. All degree programs in the College of Business Administration are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The undergraduate curriculum that leads to a Bachelor of Arts or Bachelor of Science degree is composed of several segments: (1) broad general education in the arts, humanities and sciences; (2) the common body of knowledge for management responsibilities; and (3) specialized areas of concentration in Accounting, Economics, Finance, General Business, International Business, Management, Management Information Systems, and Marketing. Through flexibility in its requirements, the College is able to satisfy the different interests and career objectives of students with diverse backgrounds. Graduate programs in the College are described in the USF Graduate Catalog.

The College of Business Administration (COBA) is located near the corner of Maple Street and Alumni Drive on the south-central side of campus. To request information about the College online, use the following web address: www.coba.usf.edu.

Undergraduate Admission to the College

Admission to the College of Business Administration is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

1. Before declaring a major in the College, students must satisfy the following criteria:
   a. Minimum of 60 semester hours of college credit earned.
   b. Minimum of 2.5 cumulative grade point average on all college-level work and a minimum 2.0 on all credit attempted at USF, including any prior to renewal.
   c. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
      ACG X021 Financial Accounting
      (or ACG X001 & ACG X011)
      ACG X071 Managerial Accounting
      (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business Administration)
      CGS X100 Computers in Business
      (or acceptable substitute)
      ECO X013 Principles of Macroeconomics
      ECO X023 Principles of Microeconomics
      MAC X233 Elementary Calculus or MAC 2230
      STA X023 Introductory Statistics or QMB X100
   d. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
   e. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites.
   f. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
   g. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 (“Gordon Rule”).

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including
Degree Requirements

NON-BUSINESS (54 hrs. minimum) Semester Hours
1. General Education Requirements*
   a. English Composition 6
   b. Quantitative Methods (Calculus is required) 6
   c. Natural Sciences 6
   d. Social Sciences 6
   e. Historical Perspectives 6
   f. Fine Arts 3
   g. African, Latin American, Middle Eastern, or Asian Perspectives 3
   Total 36
2. Liberal Arts Exit Requirements*
   a. Major Works and Major Issues 6
   b. Literature and Writing 3
   Total 9
   *See Liberal Arts Requirements for more details
3. Speech/Writing Requirements for Business Majors
   a. SPC 2600 Public Speaking 3
   or COM 3110 Communication for Business and the Professions 3
   b. ENC 3213 Professional Writing 3
   or ENC 3310 Expository Writing or equivalent 3
   Total 9
4. Additional elective credits
   Students may or may not need to take additional hours to meet the minimum of 54 non-business credits
   (see “Electives” heading below for a suggested course)
   Total non-business credit hours 54

BUSINESS (60-69 hrs. minimum)
1. Foundation Courses in Business
   Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA
   ACG 2021 Principles of Financial Accounting 3
   ACG 2071 Principles of Managerial Accounting 3
   ECO 2013 Economic Principles: Macroeconomics 3
   ECO 2023 Economic Principles: Microeconomics 3
   QMB 2100 Business & Economic Statistics I 3
   BUL 3320 Law and Business I 3
   FIN 3403 Principles of Finance 3
   ISM 3011 Information Systems in Organizations 3
   QMB 3200 Business & Economic Statistics II 3
   MAN 3025 Principles of Management 3
   MMR 3023 Basic Marketing 3
   GEB 4890 Strategic Mgmt/Decision Making 3
   Total 36
2. Major Requirements (specific courses for each major are listed in the “Departments and Programs” section below.) 18-27
3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business) 0-6
Minimum Business Credits 60-66

ELECTIVES IN BUSINESS OR NON-BUSINESS
Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met)

Minimum total hours 120

USF Campuses and Teaching Sites
Due to limited enrollment and faculty, only the following majors are regularly offered at the regional campuses:

St. Petersburg: Accounting, Finance, General Business Administration, Management, Management Information Systems, and Marketing
Sarasota: Accounting and General Business Administration
Lakeland: General Business Administration

North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.

Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.

Student Advising and Records
The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 1406) provides the following services for College of Business Administration students:
1. Processing of student admission applications for the College of Business.
2. Academic advising and program information.
3. Orientation for undergraduate pre-business students.
4. Evaluation of undergraduate transcripts of transfer students.
5. Maintenance of academic advising records for all admitted students.
6. Certification of graduation.

Advising Offices
Tampa Campus: Students who have fewer than 30 credit hours should contact the Center for Academic Advising, SVC 2011, (813) 974-2645. Potential majors with more than 30 credit hours should visit BSN 1406, (813) 974-4290 or schedule an advising appointment on-line: http://www.coba.usf.edu/services/ugrad/index.html.
St. Petersburg Campus: DAV 134, (727) 553-1511
Sarasota Campus: USS 805D, (941) 359-4331/4330
Lakeland Campus: LLC 2100, (863) 667-7063

Office Hours
Tampa Campus: 8am-6pm Monday-Thursday.
St. Pete Campus: 8am-6pm Monday-Thursday.
Sarasota Campus: 8am-6pm Monday-Thursday.
Lakeland Campus: 9am-6pm Monday-Thursday.
Office Hours
8am-4pm on Fridays.

While the University provides advising services to assist students with academic planning, the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.

Academic Dismissal
Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

DEPARTMENTS AND PROGRAMS

- GENERAL BUSINESS (GBA)
The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.
Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major. * Minors applied to the General Business major will not also be subsequently listed as independent minors on the transcript.

*One exception: A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:
   - ACG 3074 Managerial Accounting for Non-Business Majors 3
   - ECO 1000 Basic Economics** 3
   - FIN 3403 Principles of Finance 3
   - MAN 3025 Principles of Management 3
   - MAN 4XXX Managerial Applications (see advisor) 3
   - MKT 3023 Basic Marketing 3

   Total 18
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.
**ECO 2013 & ECO 2023 can be substituted for ECO 3074.

ACCOUNTING (ACC)

The objective of the baccalaureate degree program in accounting is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accounting. The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.

The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to the Undergraduate Advisor in the Economics Department for more information.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:
- ACG 3103 Intermediate Financial Accounting I 3
- ACG 3113 Intermediate Financial Accounting II 3
- ACG 3341 Cost Accounting and Control I 3
- ACG 3401 Accounting Information Systems 3
- ACG 4632 Auditing I 3
- TAX 4001 Concepts of Federal Income Taxation 3

Total 15

Economics (ECN)

Economics offers a clear and logical approach to business decision-making. The department offers broad course choices allowing students to tailor their programs to provide training for careers in business as well as teaching, government, and law. Students interested in majoring or minor in economics should contact the Undergraduate Advisor in the Economics Department for more information.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirement section, students must complete a minimum of 21 hours of upper-level economics courses beyond the foundation courses for business.

Required Economics Courses:
- ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics 3
- ECO 3203 Intermediate Macroeconomics 3
- 15 hours of upper-level economics courses

Total 15

Students must obtain a grade of "C" or higher in ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. Students cannot take both ECO 3101 and ECO 3100 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.

Requirements for a Minor in Economics: All students, regardless of college can earn a minor in Economics by satisfactorily completing 18 hours in Economics. The requirements are:
1. ECO 2013 Economic Principles: Macroeconomics 3
2. ECO 2023 Economic Principles: Microeconomics 3
3. Upper-level economics electives (may include QMB 3200)

Total Economics Hours 18
Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.

2. Before being recognized as a minor in economics, a student must obtain program approval by the Economics Department Undergraduate Advisor.

3. A grade point average of 2.0 or higher must be achieved in minor course work at USF and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.

4. At least 9 hours must be taken in residence at USF.

The Economics Pre-Law Curriculum

Economics principles provide the foundation for much of our legal system. Economics offers a series of courses to provide the abstract and applied skills required by those seeking legal careers.

Beyond ECO 2013 Economic Principles: Macroeconomics and ECO 2023 Economic Principles: Microeconomics, students should elect ECP 4451 Law and Economics. ECP 3413 Economics of Regulation and Antitrust and ECP 4505 Economics of Crime, are strongly recommended. Additional courses of interest are ECO 4504 Public Finance, EPC 3530 Economics of Health, EPC 3302 Environmental Economics, EPC 3203 Labor Economics, and EPC 3201 Economics of Women and Work.

The Economics Pre-Law Curriculum fits easily within the Economics major or minor but is open to other students. The Economics Department Undergraduate Advisor has helpful advice for students taking the Law School Admissions Test (LSAT) or applying for admission to law schools.

Five-year Bachelor/Master Degree Program

This program allows superior students with strong analytical skills and the ability to handle a fast-paced, challenging program the opportunity to complete both the Bachelor and Master degrees in economics in five years.

The program requires the student to take two graduate level courses required for the MA degree during the last year in the Bachelor’s program. These 6 hours are counted as general electives (not major electives) in the undergraduate program and are also used to satisfy the requirements for the MA in economics. After completing the 120-hour Bachelor program, five-year students take 24 hours at the graduate level.

To be eligible for the program, a student must have completed at least 6 hours of 3000 level or above economics courses at USF (not including statistics), have an overall grade point average of 3.0 or above, and have a minimum of 3.25 cumulative grade point average in all economics courses (including statistics).

To apply for admission, send a letter to the Graduate Program Director in the Department of Economics stating your qualifications and desire to enter the program. To plan your program, or for additional information, see the Undergraduate Advisor in Economics.

• **FINANCE (FIN)**

The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to follow tracks that prepare them for entry and advanced careers in:

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

**Requirements for the B.A./B.S. Degree:** Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

**Required Finance Courses:**

- FIN 4303 Financial Institutions and Markets 3
- FIN 4414 Advanced Corporation Finance 3
- FIN 4504 Principles of Investments 3
- Additional upper-level Finance electives 9-15

Total 18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, RMI, and REE prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

**Corporate Financial Management**

- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

**Management of Financial Institutions**

- FIN 3233 Money and Banking
- FIN 3604 International Finance
- FIN 4324 Bank Management
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

**Investments**

- FIN 3604 International Finance
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis & Management
- RMI 3030 Real Estate Investment Analysis

**Financial Services**

- FIN 3604 International Finance
- FIN 4514 Advanced Investment Analysis & Management
- RMI 3030 Real Estate Investment Analysis
- RMI 3011 Principles of Insurance

**Requirements for a Minor in Finance (for Business Majors only):** Students majoring in Business Administration can minor in Finance. The requirements are:

1. FIN 4504 Principles of Investments 3
- FIN 4303 Financial Institutions and Markets 3
- FIN 4414 Advanced Corporation Finance 3

Another upper-level Finance elective with an

- FIN, RMI, or REE prefix 3

Total Finance Hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 of the required 12 credit hours must be taken in residence at USF.

- INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)

The Management Information Systems (MIS) major provides the skills and knowledge necessary for information systems development and support positions in both business and non-business organizations.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required MIS courses and 2 approved MIS electives. MIS majors must earn a “C” or higher (not C-) in the six required MIS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level MIS course. At least 15 hours must be taken in residence at USF.

Required MIS Courses:
- ISM 3232 Business Application Development* 3
- ISM 3113 Systems Analysis and Design* 3
- ISM 4212 Database Administration 3
- ISM 4220 Business Data Communications 3
- ISM 4300 Managing Information Resources 3

One of the following:
- ISM 4234 Object Oriented Design and Development (C++)
- ISM 4414 Web Application Development (Java) 3

Plus Approved MIS Electives** 6

Total Hours Required for B.A./B.S. Degree 24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in MIS. The requirements are:
1. ISM 3232 Business Application Development 3
2. ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
3. ISM 4212 Database Administration 3
4. Approved MIS Elective 3

Total MIS hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

- MANAGEMENT (MAN)

The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business management. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:
- MAN 3240 Organizational Behavior Analysis 3

Total 18-24

MAN 4504 and MAN 4507 do not count toward the management major.

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management. The requirements are:
1. MAN 3240 Organizational Analysis 3
2. MAN 3301 Human Resource Management 3
3. MAN 4262 Organizational Assessment 3
4. MAN 4600 International Management 3

Total Management hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

- MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:
1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:
- MAR 3823 Marketing Management 3
- MAR 3613 Marketing Research 3
- MAR 3400 Professional Selling 3
- MAR 4333 Electronic/Promotion Management 3
- MAR 4824 Marketing Management Problems 3

Additional upper-level marketing courses 3-9

Total 18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

Undergraduate students in the College of Business not majoring in Marketing can greatly enhance their attractiveness to employers by taking a minor in Marketing or taking selected courses from the Marketing curriculum to broaden their backgrounds. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance,
and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

**Requirements for a Minor in Marketing (for Business Majors Only):** The requirements are:

1. **MAR 3823** Marketing Management 3
   Any 3 upper level Marketing courses with a
   MAR prefix (excluding MAR 4824) 9
   Total Marketing Hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

**INTERNATIONAL BUSINESS (ITB)**

The Bachelor of Arts in International Business (IB) provides students with the knowledge, skills and experience necessary for successful careers in the global business environment. Graduates will have not only the International Business major, but also a minor in one of the functional areas of business (finance, management, marketing, economics and information systems). With this preparation, graduates will find employment in many manufacturing, service or knowledge-based industries with international markets, international suppliers, international sources of finance or an internationally diverse work force.

The IB program is unique in that it combines preparation in business administration with language training, area studies, and a meaningful overseas work or study experience. The curriculum includes, in addition to the general education and liberal arts requirements, a strong grounding in business core courses, and 18-hour major in international business and area studies subjects, a minor in a functional area of business, training in a foreign language and overseas academic or business experience. A minimum of 120 hours is required to complete a B.A. in International Business.

**International Business Major (18)**

**Business Courses (9)**

Students should see a COBA advisor for an approved list of upper level international business courses.

**Area Studies Courses (9)**

Students should see a COBA advisor for an approved list of upper level area studies courses.

**Business Minor/Concentration (12)**

Students will choose a minor from the following disciplines:

- Economics
- Finance
- Marketing
- Management
- Information Systems

Within each concentration one course must be an international business course. The international business course is in addition to the three international business courses as required in the above International Business Major area.

**Foreign Language Above First Year (9)**

Language(s) selected should support the area and the Area Studies courses.

**Overseas Business Internship (3) or Semester Abroad**

The International Business Major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from a COBA advisor or the Center for International Business, BSN 3109, once a decision has been made to pursue this major.

**Minor in International Business Students Majoring in Business Administration**

To qualify for the minor in International Business, students with a major in one of the degree programs in Business Administration must successfully complete a minimum of 12 hours of international business or related course work. At least 9 semester credit hours in the minor must be selected from a set of approved upper-level international business courses (see below). One of the courses in the minor, relevant to the student's international area of interest, can be an approved area studies course, or other course, taken outside the College. A minimum of 9 semester hours of the minor course work must be taken at USF. A grade point average of 2.0 or higher must be achieved in minor course work taken at USF, as well as in any transfer work applicable to the minor program. Competency to effectively communicate in a foreign language is strongly advised.

**Non-Business Administration Majors**

To qualify for the International Business minor, non-business majors must complete the requirements for the minor in Business Administration (see previous Requirements for a Minor in Business Administration) and complete at USF a minimum of 9 semester credit hours selected from a set of approved upper-level international business courses (see below). A grade point average of 2.0 or better must be achieved in the minor course work taken at USF, as well as in any transfer work applicable to the minor program. Competency to communicate in a foreign language is strongly advised.

A statement attesting to the completion of the Minor in International Business will appear on the student's official transcript.

**Courses Approved for International Business**

The following courses are currently approved for the International Business major and minor:

- ECO 3703 International Economics
- ECO 4713 International Macroeconomics
- ECO 4773 International Trade and Policy
- ECO 4XXX Economics of Latin America
- ECS 3013 Economic Development
- ECS 4003 Comparative Economic Systems
- FIN 3604 International Finance
- ISM 4382 Global Information Systems
- MAN 4600 International Management
- MAR 4156 International Marketing

Other courses will be added as they are developed and approved. In addition, the College frequently offers Selected Topics courses that qualify for International Business. Students should consult with an advisor for additional approved courses.

**Student Organizations within the College of Business**

All students are encouraged to participate in extracurricular activities. The following organizations provide a means for students to develop both professionally and socially while attending the College of Business Administration.

**Alpha Kappa Psi** - Provides a forum for leadership development in preparation for careers in all areas of business. Alpha Kappa Psi is a progressive, coed, professional business fraternity.

**Beta Gamma Sigma** – An honor society that encourages and rewards outstanding scholarship among business students.

**Business College Council** - Student representatives advise the dean and the faculty on student attitudes and goals. Also, the council acts as a liaison between the Student Government Association and the College of Business Administration.
Collegiate Economics Organization - To promote and develop the applications of economic concepts within the student body and provide a social basis for interaction.

Delta Sigma Pi - Fosters the study of business and a close association between students and the business world.

International Business Board - Promotes interest in international business, provides professional and cultural programs, and encourages dialogue regarding opportunities for study and work abroad.

Management Information Systems Society - The MIS Society is a career oriented organization focusing on all areas of business data management and information systems development.

Minority Business Association - Encourages and supports students in their efforts to achieve success in a demanding academic setting.

National Association of Black Accountants - Develops, encourages, and serves as a resource for greater participation by African-Americans and other minorities in the accounting and finance professions.

Omicron Delta Epsilon - The international economics society promoting outstanding achievements in economics and the establishment of closer ties between students and faculty.

Student Accounting and Business Organization - Promotes professionalism in accounting and other business disciplines. (St. Petersburg Campus)

Student Finance Association - An organization for finance majors and other business-oriented students that provides exposure to the many facets and opportunities in the field of finance.

BUSINESS ADMINISTRATION FACULTY

Accounting/Law

Economics

Finance

Information Systems & Decision Sciences

Management

Marketing
The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All Teacher education programs must meet the requirements of Chapter 6A-5, Rules of the State Board of Education of Florida, and have “Approved Program” status.

The Mission of the College is to “improve the preparation of teachers, other professional educators, and professional support personnel and to discover improved teaching, learning, and leadership techniques through research and practice.” The College emphasizes student learning outcomes relevant for the 21st century world. Program goals focus on graduating highly competent teachers who reflect on their own professional practice, who have a deep interest in intellectual inquiry and who continue their professional development.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Each subdivision of the college maintains professional standards by participating in nationally-certified program reviews and also through ongoing departmental appraisals of learning outcomes.

The University follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent a cooperative effort in planning and practice by faculties in appropriate academic areas. Liberal Arts courses and courses in the content areas are offered through the College of Arts and Sciences. Courses primarily designed for teacher candidates are taught by the College of Education faculty.

For information concerning required courses in each major, students should consult the following “Departments and Programs” section accessible from the Undergraduate Studies site: http://www.ugs.usf.edu/catalogs.htm. Other important information is available from the College of Education website at http://www.coedu.usf.edu/.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Preliminary Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university’s liberal arts freshman and sophomore requirements and the state-mandated common prerequisites and requirements beyond the following categories: Professional Education Core (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours).

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University’s General Education requirements (36 cr. hrs.). (See “Liberal Arts Requirements” section of the catalog.) Note: Students should contact an academic advisor to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or SAT. Many existing scholarships still require these scores.
5. Completion of State Mandated Common Prerequisites Note: The following prerequisites are required for all education majors who enter as freshmen in Fall 2003, but students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:
   - EDF X005 Introduction to Education 3
   - EDF 2701 Teaching Diverse Populations 3
   - EME 2040 Introduction to Educational Technology
   - Nine (9) semester hours in English to include writing, literature, and speech
   - Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
   - Nine (9) semester hours in mathematics to include college algebra or above and geometry
   - Twelve (12) semester hours in social sciences to include American history and general psychology
   - Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDF 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses that satisfy both the General Education and the international and/or diversity course requirements. (Consult an education advisor for approved, upper-level courses in Anthropology, International Studies, Political Science, and Business Administration that meet the requirement but are not included below.)

International/Diversity Courses Credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience in Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 2000</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>EGN 2031</td>
<td>History of Technology</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2011</td>
<td>Ancient History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2021</td>
<td>Medieval History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2022</td>
<td>Medieval History II</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2030</td>
<td>Modern European History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2031</td>
<td>Modern European History II</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2001</td>
<td>Film: Language of Vision</td>
<td>3</td>
</tr>
<tr>
<td>GEO 1930</td>
<td>Geography of Current Events</td>
<td>4</td>
</tr>
<tr>
<td>GEO 2371</td>
<td>Introduction to Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>INR 1015</td>
<td>World Perspective</td>
<td>3</td>
</tr>
<tr>
<td>LAH 2734</td>
<td>Latin American History in Film</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2010</td>
<td>Introduction to Fiction</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2040</td>
<td>Introduction to Drama</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2011</td>
<td>The Enjoyment of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUA 2051</td>
<td>Folk and Traditional Music of World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>MUA 2632</td>
<td>Music in the United States</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
<td>3</td>
</tr>
<tr>
<td>POS 2080</td>
<td>The American Political Tradition</td>
<td>3</td>
</tr>
<tr>
<td>REL 2300</td>
<td>Introduction to World Religions</td>
<td>4</td>
</tr>
<tr>
<td>REL 2306</td>
<td>Contemporary World Religions</td>
<td>4</td>
</tr>
<tr>
<td>REL 3501</td>
<td>History of Christianity</td>
<td>4</td>
</tr>
<tr>
<td>SPT 2524</td>
<td>Women Writers of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.

7. Additional criteria as may be established by each program.

Credit requirements in each major include courses in the following categories: General Education (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours). For questions concerning General Education and Liberal
Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in “Departments and Programs” below.

**Additional Selection Criteria**

Admission to some programs is based on additional selection criteria beyond the College requirements stated above. Some programs accept a limited number of students. Additionally, certain programs admit students only in a specified semester. Students should refer to the specific program descriptions in this catalog for additional admissions information and prerequisites. Information regarding admission requirements for programs may also be obtained from the Student Academic Services, College of Education (EDU 106).

**Education Advising**

Student Academic Services (SAS) is responsible for many of the processes and procedures that support the academic pursuit of students in the College. The department’s major areas of responsibility include: Undergraduate Advising, Graduate Studies, Teacher Certification, and Internship. SAS is committed to serving the University community, particularly students in the College of Education.

Students are ultimately responsible for knowing and fulfilling all University, college, and degree program requirements for graduation. Students are encouraged to make an appointment with an academic advisor each semester. For additional contact information, please call our office or visit our web site at http://www.coedu.usf.edu/sas/.

**Advising Offices**

Tampa Campus: EDU 106, (813) 974-1804
St. Petersburg Campus: DAV 134, (727) 553-1511
Sarasota Campus: USS 805D, (941) 359-4331 or 4330.
Lakeland Campus: LLC 2100, (800) USF-5636 (in state only), or (863) 667-7023

**Office Hours:** 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Some offices are open before 9 a.m. or until 6, Mondays through Thursdays; call the offices listed above for exact hours and appointment times.

**Application Information:**

(Only admitted USF students are eligible.) At USF-Tampa, the College of Education is located slightly east of the center of campus. For general information, call (813) 974-1804. The admission process to the College of Education (C.O.E.) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (August 1st), Spring Semester (December 1st), and Summer Semester (May 1st). Not all majors accept applications for summer entrance. Contact SAS in EDU 106 for those majors that accept summer applicants. Tampa Campus students must register and attend a College of Education orientation after being accepted into the College of Education.

During the College Orientation, students receive information about their degree program, and register for courses for their first semester. Regional campus students should call their appropriate campus for orientation and advising appointments.

**Time Limitations**

The College of Education may accept professional education and specialization course work completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

**Qualifications for Internship Experience**

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs, internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, “Gordon Rule,” and all other program prerequisites (includes passing all sections of the CLAST and the General Knowledge Test).
3. Completion of an application for the final internship by the deadlines noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Please contact the office. Applications for Fall Semester are due the preceding January 15. Applications for Spring Semester are due the preceding June 15.
4. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070. Special Education programs require completion of all professional education and specialization coursework. Secondary and Vocational Education Programs require completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. Special Education programs require an overall USF GPA of 2.5. Secondary and Vocational Education programs require a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a “C-” grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.

**College Requirements for Graduation**

To be certified by the College of Education for graduation, a student must have earned a minimum of 120 semester hours credit and successful completion of all program requirements for ESOL endorsement. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5. Satisfactory completion of the internship is also required. In order to graduate the student must pass both the Subject Area (SAE) for the appropriate area and the Professional Education (PED) sections of the Florida State Teacher Certification Examination (FTCE) and pass the General Knowledge Test, prior to the completion of internship. A student must also have completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation). A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF. The student must complete a minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Finally, the college will recommend the granting of a Bachelor of Science (BS) degree that includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA)
degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

**SunCoast Area Teacher Training Program (SCATT)**

SCATT is an award-winning teacher training program designed to enhance the already outstanding teacher preparation programs currently offered within the College of Education. The Suncoast Area Teacher Training Program celebrates excellence in teaching while emphasizing professionalism in a diverse society. SCATT offers students a variety of activities, workshops, seminars and field trips to enrich their knowledge base as educators. The SCATT program offerings are based on the research on effective teaching strategies and encourage reflective practice.

The entrance requirements for the program help identify those students who have demonstrated high levels of academic achievement, leadership potential and those who have a commitment to aspire to the highest standards of the teaching profession. To graduate as a SCATT student, individuals participate in activities each semester prior to final internship that extend "above and beyond" the requirements of their academic curricula. In addition, they are offered the opportunity to network with majors from programs other than their own. During final internship SCATT students participate in intensive leadership and communication skills training.

SCATT also helps prospective employers within the University’s service area fill teaching positions with highly qualified graduates.

To apply to the SCATT program, students must be admitted to the College of Education in a program that requires a full-time field experience, complete an application available from the SCATT office (located on the second floor of the David T. Anchin Center, just off the rotunda), and attend a scheduled Interview Orientation to become familiar with the expectations of SCATT graduates. For further information come to the SCATT office, call (813) 974-2061, or visit our website at www.coedu.usf.edu/SCATT

**BACCALAUREATE-LEVEL DEGREE PROGRAMS**

The College of Education has programs leading to the Bachelor of Science degree* in the following fields:

<table>
<thead>
<tr>
<th>Program</th>
<th>Department</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Childhood</td>
<td>Childhood Education</td>
<td>(BEC)</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary Education</td>
<td>Childhood Education</td>
<td>(BEE)</td>
</tr>
<tr>
<td>English Education</td>
<td>Secondary Education</td>
<td>(BEN)</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Secondary Education</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td></td>
<td>(BFF)</td>
</tr>
<tr>
<td>German</td>
<td></td>
<td>(BFG)</td>
</tr>
<tr>
<td>Italian</td>
<td></td>
<td>(BFI)</td>
</tr>
<tr>
<td>Latin</td>
<td></td>
<td>(BFL)</td>
</tr>
<tr>
<td>Russian</td>
<td></td>
<td>(BFR)</td>
</tr>
<tr>
<td>Spanish</td>
<td></td>
<td>(BFS)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Secondary Education</td>
<td>(BMA)</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
<td>(BPS)</td>
</tr>
<tr>
<td>K-12</td>
<td></td>
<td>(BPA)</td>
</tr>
<tr>
<td>Athletic Training</td>
<td></td>
<td>(BPW)</td>
</tr>
<tr>
<td>Wellness Leadership</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science Education</td>
<td>Secondary Education</td>
<td>(BSB)</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
<td>(BSC)</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td>(BSY)</td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td>(BSE)</td>
</tr>
<tr>
<td>Social Science</td>
<td>Secondary Education</td>
<td>(BSS)</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Varying Exceptionalities</td>
<td>Special Education</td>
<td>(BEX)</td>
</tr>
</tbody>
</table>

Art, Dance, Drama, and Music Education are offered in the College of Visual and Performing Arts.

See Departmental Section for specific program requirements.

* A Bachelor of Arts degree may be awarded when competency in a foreign language is demonstrated and a student has met the nine hour Liberal Arts Exit requirements.

**DEPARTMENTS AND PROGRAMS**

The College of Education is organized into 8 departments. Each department has one or more programs listed alphabetically in the following section.

**Department of Adult, Career & Higher Education**

The Department of Adult, Career & Higher Education at USF offers degrees designed to prepare teachers and leaders in the various fields of Adult Education, Business and Office Education, Industrial-Technical Education, Technology Education and Vocational Education. The Bachelor of Science (B.S.) degree is offered in the areas of: Business and Office Education, Industrial-Technical Education and Technology Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Note: Effective Fall 2004, the department Adult, Career and Higher Education will phase out the Business and Office Education, the Industrial-Technical Education, and the Technology Education programs. New admissions are no longer being accepted. Previously admitted students are urged to meet with their advisor immediately to develop a plan to complete degree requirements as soon as possible. St. Petersburg College (SPC) [formerly St. Petersbursg Junior College] anticipates launching a Business Technology Education Program during the 2004-2005 academic year. Previously admitted students who are unable to complete the degree requirements at USF may transfer to SPC with minimal disruption of their progress toward degree completion. For information on the SPC program, call (727) 341-4772.

**Department of Childhood Education**

The Childhood Education Department has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Early Childhood Education and Elementary Education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

All of the programs offered on regional campuses may vary in requirements and course offerings. For an accurate schedule of courses and requirements, please check with the campus you plan to attend.

**Early Childhood and Elementary Education Programs**

Early Childhood and Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the department Professional Standards Committee before they will be allowed to repeat the internships. Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.
Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Part-time students in Early Childhood Education must meet the program coordinator prior to admission to the program. These students also must meet program and internship requirements associated with the programs. The requirements include being available to participate in internships during regular school hours.

Early Childhood Program
Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Upon successful completion of the required courses and the associated internships, Early Childhood majors will be eligible for certification in Pre-Kindergarten/Primary (age 3 - Grade 3).

Early Childhood Education with ESOL Endorsement
The College of Education offers a full ESOL Endorsement for all Early Childhood Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

Elementary Education Program
Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades K-6). Degree and certification requirements are subject to change in accordance with state mandates. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice.

Elementary Education with ESOL Endorsement
The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well as USF students. A grade of "C" is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDF 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology
- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For additional prerequisites see program requirements below.

Professional Education Core (33 cr. hrs.):
- EDF 4111 Child Growth and Learning 3
- EEC 4940 Senior Internship and Seminar 10
- EEC 4936 Senior Seminar 2
- EEC 4941 Field Experience I 3
- EEC 4942 Field Experience II 3
- EEC 4943 Field Experience III 3
- EDG 4909 Young Children With Special Needs 3
- EDG 4909 Assess., Eval., Reporting Progress 3
- EDG 4909 Second Language Acquisition 3
- FLE 4316 Language Principles and Acquisition 2
- FLE 4317 Teaching LEP Students K-12 3

Specialization (30 cr. hrs.):
- EEC 4008 Literature in Early Childhood Education (Exit) 3

OR
- LAE 4414 Children’s Literature 3
- EEC 4203 Programs for Young Children 3
- EEC 4211 Integrated Curriculum: Science and Mathematics 3
- EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art 3
- EEC 4300 Cognitive Experiences for Young Children 3
- EEC 4303 Creative and Affective Experiences for Young Children 3
- EEC 4408 Child, Family & Teacher Relations 3
- EEC 4706 Language and Emerging Literacy 3
- HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child 3
- RED 4310 Early Literacy Learning 3
- Literacy Course 3
- Classroom Management Course 3

The order in which these courses are to be taken is spelled out in the program of study.

- ELEMENTARY EDUCATION
Requirements for the B.S. Degree (BEC): In addition to the courses listed below, students must complete “Preliminary Requirements for Students entering Teacher Education Programs.”
### Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- ENGLISH EDUCATION with ESOL

#### Professional Education (35-36 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4620</td>
<td>Curriculum and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integrating Exceptional Students in the Regular Classroom</td>
<td>2-3</td>
</tr>
<tr>
<td>FLE 4316</td>
<td>Language Principles and Acquisition</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4909</td>
<td>Second Language Acquisition and Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4940</td>
<td>Internship</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Specialization (40 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4301</td>
<td>Classroom Management, School Safety, Ethics, Law, and Elementary Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4941</td>
<td>Childhood Education Internship Level I</td>
<td>3</td>
</tr>
<tr>
<td>HLP 4722</td>
<td>Health and Physical Education for the Child</td>
<td>2</td>
</tr>
<tr>
<td>EDE 4942</td>
<td>Childhood Education Internship Level II</td>
<td>6</td>
</tr>
<tr>
<td>LAE 4314</td>
<td>Teaching Writing</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4414</td>
<td>Teaching Literature in the Elementary Schools</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310</td>
<td>Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4326</td>
<td>Teaching Elementary School Mathematics II</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310</td>
<td>Reading and Learning to Read</td>
<td>3</td>
</tr>
<tr>
<td>RED 4511</td>
<td>Linking Literacy Assessment to Instruction</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4310</td>
<td>Teaching Elementary School Science</td>
<td>3</td>
</tr>
<tr>
<td>SSE 4313</td>
<td>Teaching Elementary School Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4909</td>
<td>Creative Experiences for the Child</td>
<td>3</td>
</tr>
</tbody>
</table>

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

### Department of Secondary Education

The following programs are housed in the Department of Secondary Education:

- English Education
- Foreign Language Education
- Mathematics Education
- Science Education
- Social Science Education

The undergraduate programs offered by the department are designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary, early childhood, and special education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

#### Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- ENGLISH EDUCATION with ESOL

#### Requirements for the B.S. Degree (BEN):

In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows:

- Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

### Specialization (40 credit hours):

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4301</td>
<td>Classroom Management, School Safety, Ethics, Law, and Elementary Methods</td>
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<td>Childhood Education Internship Level I</td>
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<td>HLP 4722</td>
<td>Health and Physical Education for the Child</td>
<td>2</td>
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<td>MAE 4310</td>
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<td>MAE 4326</td>
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<td>RED 4310</td>
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</tr>
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<td>EDF 4909</td>
<td>Creative Experiences for the Child</td>
<td>3</td>
</tr>
</tbody>
</table>

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.
Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Recommended Courses:
- Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)
- English Electives (9 hours) - to include advanced composition and media
- CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended

Professional Education (26 credit hours):
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 3214 Human Development and Learning 3
- EDG 4620 Curriculum and Instruction 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
- FLE 4316 Language Principles and Acquisition 3
- FLE 4317 Teaching LEP Students K-12 3
- Literacy Course 3
- Classroom Management Course 3

Specialization (45 credit hours):
- ENC 3310 Expository Writing 3
- One of the following:
  - LIT 3103 Great Literature of the World (Exit) 3
  - WST 4410 Third World Women Writers (Exit) 3
- LAE 4469 Teaching World Literature to Middle and Secondary Students 3
- One of the following:
  - AML 3031 American Literature to 1860 3
  - AML 3032 American Literature 1860-1912 3
- AML 3051 American Literature 1912-1945 3
- One of the following:
  - ENL 3015 British Literature to 1616 3
  - ENL 3230 British Literature 1617-1800 3
  - ENL 3251 British Literature 1780-1900 3
  - ENL 3273 British Literature 1900-1945 3
- One of the following:
  - LIT 3383 The Image of Women in Literature 3
- LIT 4386 British and American Literature by Women (Exit) 3
- One of the following:
  - LIN 3010 Introduction to Linguistics 3
  - ENG 4060 History of the English Language 3
- LIN 3670 English Grammar and Usage 3
- LIN 4680 Structure of American English 3

Additional Specialization (24 credit hours):
- LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) (Must be taken with LAE 4323) 3
- LAE 4323 Methods of Teaching English: Middle School (Must be taken with LAE 4464) 3
- LAE 4530 Methods of Teaching English: Practicum (Must be taken with LAE 4335) 3
- LAE 4335 Methods of Teaching English: High School (Must be taken with LAE 4530) 3
- LAE 4936 Senior Seminar in English Education 2
- LAE 4940 Internship: English Education 10

The College of Education offers a full ESOL Endorsement for all Foreign Language Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards. FLE students must also take ESOL 2, which is not part of the ESOL requirement for the FLE program, but does meet the reading requirement.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.
- EDF 2005 Introduction to Education 3
- EDF 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3
- Nine (9) hours of Mathematics, excluding MAT 1033 (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- At least twelve (12) hours must come from the following areas: courses in elementary and intermediate grammar, and composition and advanced conversation, and culture and civilization in the target language.

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education (36 credit hours):
- EDF 3214 Human Development and Learning 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDG 4620 Curriculum and Instruction 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- FLE 4317 Teaching LEP Students K-12 3
- FLE 4367 ESOL 2 Literacy Development in English Language Learners 3
- FLE 4316 Language Principles and Acquisition 3
FLE 4936  Senior Seminar in Foreign Language Education  2
FLE 4940  Internship: Foreign Language Education  10
Classroom Management Course  3

Teaching Specialization (42 credit hours):
1. Foreign language (30)
   Conversation and Composition 12
   Literature  6
   Culture and Civilization  6
   Linguistics  3
   Exit requirement language course  3
2. Foreign Language Education
   12 credit hours in methods of teaching a language at the
elementary and secondary levels, including a practicum.
Fall Term:  FLE 4314
Spring Term:  FLE 4333
       FLE 4370
Summer Term:  FLE 4290

• MATHEMATICS EDUCATION

Requirements for the B.S. Degree (BMA): In addition to the
courses listed below, students must complete "Preliminary
Requirements for Students entering Teacher Education Pro-
grams" (see statement under main college heading).

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well
as USF students. A grade of "C-" is the minimum acceptable
grade.
EDF 2005  Introduction to Education
EDG 2701  Teaching Diverse Populations
EME 2040  Introduction to Educational Technology

• Nine (9) hours of Mathematics (to include College
   Algebra or above and Geometry)*
• Twelve (12) hours of Social Science (to include Ameri-
   can History and General Psychology)
• Nine (9) hours of Natural Science (to include an Earth
   Science course, a Life Science course and a Physical
   Science course)
• One (1) Natural Science Course must have a lab
   component
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature
   and Speech)
• Six (6) hours Humanities (to include Philosophy and
   Fine Arts)
• Other program prerequisites:
   Four (4) hours Calculus & Analytic Geometry I
   Four (4) hours Calculus & Analytic Geometry II
   Four (4) hours Electives in Mathematics
   Three (3) hours Computer Programming Language
   (applicable to microcomputer)

*Only courses with the prefixes MGF, MTG, MAC, and STA will
qualify for the courses in mathematics. MGF 1106 Liberal Arts
Mathematics I meets the intent of the program approval rule with
respect to the inclusion of geometry in the mathematics requirement.

Professional Education (35 credit hours):
EDF 3214  Human Development and Learning  3
EDF 3604  Social Foundations of Education (Exit)  3
EDG 4620  Curriculum and Instruction  3
EDF 4430  Measurement for Teachers  3
EEX 4070  Integrating Exceptional Students
       in the Regular Classroom  2
FLE 4365  ESOL Competencies and Strategies  3
MAE 4940  Internship: Mathematics Education  10
MAE 4936  Senior Seminar in Mathematics Education  2
Classroom Management Course  3

Specialization (30-31 credit hours):
MAC 2313  Calculus III  4
MAC 3100  Discrete Mathematics  3
MAS 3105  Linear Algebra  4
MAS 4214  Elementary Number Theory  3
MAS 4301  Elementary Abstract Algebra  3
MTG 3301  Bridge to Abstract Mathematics  4
MTF 4403  Early History of Math (Exit)  3
MTG 3212  Geometry  3
or
MTG 4214  Modern Geometry  4
STA 2023  Intro Statistics I  4

Additional Specialization (15 credit hours):
MAE 4320  Middle School Methods  3
MAE 4330  Senior High School Methods  3
MAE 4551  Reading the Language of Mathematics  3
MAE 4652  Technology for Teaching
   Secondary School Mathematics I  3
MAE 4653  Technology for Teaching
   Secondary School Mathematics II  3

• SCIENCE EDUCATION

Requirements for the B.S. Degree (BSB, BSC, BSY): In addition to the
courses listed below, students must complete "Prelimi-
ary Requirements for Students entering Teacher Education Pro-
grams."

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well
as USF students. A grade of "C-" is the minimum acceptable
grade.
EDF 2005  Introduction to Education
EDG 2701  Teaching Diverse Populations
EME 2040  Introduction to Educational Technology

• Nine (9) hours of Mathematics (to include College
   Algebra or above and Geometry)*
• Twelve (12) hours of Social Science (to include Ameri-
   can History and General Psychology)
• Nine (9) hours of Natural Science (to include an Earth
   Science course, a Life Science course and a Physical
   Science course)
• One (1) Natural Science Course must have a lab
   component
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature
   and Speech)
• Six (6) hours Humanities (to include Philosophy and
   Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will
qualify for the courses in mathematics. MGF 1106 Liberal Arts
Mathematics I meets the intent of the program approval rule with
respect to the inclusion of geometry in the mathematics requirement.

For Biology Teacher Education
- Biology with Lab  8
  Chemistry with Lab or Physics with Lab  8
  Electives in Science  6

For Chemistry Teacher Education
- Chemistry with Lab  8
  Biology with Lab or Physics with Lab  8
  Electives in Science  6

For Physics Teacher Education
- Physics with Lab  8
  Biology with Lab or Chemistry with Lab  8
  Electives in Science  6
Professional Education Core for all Tracks (32 credit hours):
The required courses in the professional education core are as follows:

- EDF 3214 Human Development and Learning 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDG 4620 Curriculum and Instruction 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
- FLE 4365 ESOL Competencies and Strategies 3
- SCE 4936 Senior Seminar in Science Education 2
- SCE 4940 Internship: Science Education 10
- Classroom Management Course 3

Required Courses for All Science Education Majors (12 credit hours):

- SCE 4236 Science, Technology, Society (Exit) 4
- SCE 4305 Communication Skills in the Science Classroom 3
- SCE 4320 Teaching Middle Grade Science 3
- SCE 4330 Teaching Methods in Secondary School Science 3

For Biology Majors:

- SCE 4263

For Chemistry Majors:

- SCE 4263

For Physics Majors:

- SCE 4263

Biology Education

Prerequisites (38 credit hours):

- BSC 2010 Biology I* 3
- BSC 2010L Biology I Lab* 1
- BSC 2011 Biology II* 3
- BSC 2011L Biology II Lab* 1
- CHM 2045, 2045L General Chemistry I and Lab* and
- CHM 2046, 2046L General Chemistry II and Lab 8
- PHY 2048, 2048L General Physics I and Lab (with Calculus)
- PHY 2049, 2049L General Physics II and Lab* (with Calculus) 8
- or PHY 2053, 2053L General Physics and Lab*
- or PHY 2054, 2054L General Physics and Lab 8
- Science Elective (Earth Science Only) 3
- BSC 4057 Environmental Issues (Exit) 3
- SCE 4330 Teaching Methods in Secondary School Science 3
- SCE 4305 Communication Skills in the Science Classroom 3
- SCE 4237 Science, Technology, Science Interaction 3
- or CHM 4070 Historical Perspectives in Chemistry 3
- or BSC 4057 Environmental Issues 3
- or PHY 4031 Great Themes in Physics 3

Chemistry Education

Prerequisites (39 credit hours):

- CHM 2045 General Chemistry I* 3
- CHM 2045L General Chemistry Lab* 1
- CHM 2046 General Chemistry II* 3
- CHM 2046L General Chemistry II Lab* 1
- BSC 2010, 2010L Biology I and Lab* and
- BSC 2011, 2011L Biology II and Lab* 8
- or PHY 2048, 2048L Physics I and Lab* (with Calculus)
- or PHY 2049, 2049L Physics II and Lab* (with Calculus) 8
- or PHY 2053, 2053L Physics and Lab*
- or PHY 2054, 2054L Physics and Lab* 8
- Science Elective (Earth Science Only) 3

Specialization (32 credit hours):

- CHM 2210, 2210L Organic Chemistry I and Lab 45
- CHM 3120C Elementary Analytical Chemistry 3
- CHM 3400 Elementary Physical Chemistry I 3
- CHM 3610, 3610L Intermediate Inorganic Chemistry and Lab 4
- CHM 4070 Historical Perspectives in Chemistry 3
- BCH 3023 Introductory Biochemistry 3
- SCE 4320 Teaching Methods in Middle Grades Science 3
- SCE 4330 Teaching Methods in Secondary School Science 3
- SCE 4305 Communication Skills in the Science Classroom 3
- SCE 4237 Science, Technology, Science Interaction 3
- or BSC 4057 Environmental Issues 3
- or PHY 4031 Great Themes in Physics 3

Physics Education

Prerequisites (33 credit hours):

- BSC 2010, 2010L Biology I and Lab*
- or BSC 2011, 2011L Biology II and Lab* 8
- or CHM 2045, 2045L General Chemistry I and Lab*
- or CHM 2046, 2046L General Chemistry II and Lab* 8
- or PHY 2048, 2048L General Physics I and Lab* (with Calculus)
- or PHY 2049, 2049L General Physics II and Lab* (with Calculus) 8
- or PHY 2053, 2053L General Physics and Lab*
- or PHY 2054, 2054L General Physics II and Lab* 8
- Science Elective (Earth Science Only) 3

Specialization (30 credit hours):

- PHY 2020 Conceptual Physics 3
- PHY 3101 Modern Physics 3
- PHY 3221 Mechanics I 3
- PHY 3323C Electricity and Magnetism 3
Three (3) hours Sociology 5
Three (3) hours Psychology
Three (3) hours History
Three (3) hours Economics 4
Three (3) hours Cultural Geography 3
Three (3) hours Anthropology 2
Three (3) hours American Government 1
Six (6) hours Humanities (to include Philosophy and
Nine (9) hours of English (to include Writing, Literature
Six (6) hours of International or Multicultural Focus
One (1) Natural Science Course must have a lab
or
CHM 4070 Historical Perspectives in Chemistry 3
or
BSC 4057 Environmental Issues 3

*May be part of General Education Requirements

** SOCIAL SCIENCE EDUCATION

Requirements for the B.S. Degree (BSS): In addition to the
courses listed below, students must complete "Preliminary
Requirements for Students entering Teacher Education Pro-
grams." It is recommended that students pursue a double
major in Social Science Education with History or one of the
Social Sciences.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well
as USF students. A grade of "C-" is the minimum acceptable
grade.
EDF X005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology
• Nine (9) hours of Mathematics (to include College
Algebra or above and Geometry)*
• Twelve (12) hours of Social Science (to include Ameri-
can History and General Psychology)
• Nine (9) hours of Natural Science (to include an Earth
Science course, a Life Science course and a Physical
Science course)
• One (1) Natural Science Course must have a lab
component
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature and
Speech)
• Six (6) hours Humanities (to include Philosophy and
Fine Arts)
• Three (3) hours American Government
• Three (3) hours Anthropology
• Three (3) hours Cultural Geography
• Three (3) hours Economics
• Three (3) hours History
• Three (3) hours Psychology
• Three (3) hours Sociology

*Only courses with the prefixes MGF, MTG, MAC, and STA will
qualify for the courses in mathematics. MGF 1106 Liberal Arts
Mathematics I meets the intent of the program approval rule with
respect to the inclusion of geometry in the mathematics requirement.

The following are the courses recommended by the Social
Science Education department to fulfill the State Mandated
Common Prerequisites:

POS 2041 American National Government
or
POS 2080 American Political Tradition
or
ANT 2410 Cultural Anthropology

GEA 2000 Global Geography
ECO 1000 Basic Economics

ECO 2013 Macroeconomics

SYG 2000 Introduction to Sociology
or
SYG 2010 Contemporary Sociology

Professional Education Core (20 credit hours):
EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education (Exit) 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students
in the Regular Classroom 2
FLE 4365 ESOL Competencies and Strategies 3
Classroom Management 3

Social Sciences Specialization (48 credit hours):
AMH 2010 American History I 3
AMH 2020 American History II 3
GAE 2000 World Regional Geography 3
HUM 2211 Studies in Culture: Classical
through Medieval 3
HUM 2243 Studies in Culture: Renaissance
through the 20th Century 3
POS 2112 State and Local Government 3
POS 2080 American Political Tradition 3

One of the following:
HIS 4104 Theory of History 4

POT 4045 Modern Political Theory 3
POT 4064 Contemporary Political Thought 3
POT 4204 American Political Thought 3
Any course from African, Asian, or Latin
American, or Middle Eastern History 3
AMH 3421 Early Florida History 4

AMH 3423 Modern Florida History I 4

One of the following:
ANT 2000 Introduction to Anthropology 3
ANT 2410 Cultural Anthropology 3

One of the following:
ECO 1000 Basic Economics 3
ECO 2013 Macroeconomics 3

One of the following:
SYG 2000 Introduction to Sociology 3
SYG 2010 Contemporary Problems 3
INR 3018 World Ideologies 3

Social Science Education (27 credit hours):
SSE 4333 Teaching Middle Grades Social Science 3
SSE 4334 Teaching Secondary Grades Social Science 3
SSE 4335 Teaching Social Science Themes* 3
SSE 4600 Reading and Basic Skills in the Social Sciences 3
SSE 4936 Senior Seminar in Social Sciences Education 2
SSE 4940 Internship: Social Science Education** 10

*Only SSE 4333 or SSE 4334 must be successfully completed prior to SSE 4335.
** Only SSE 4936 can be taken at the same time as SSE 4940.

Department of Educational Measurement and Research

The Department of Educational Measurement and Research
offers EDF 4430, Measurement for Teachers, that
provides students with the measurement and evaluation skills
and dispositions they need to be effective classroom teachers.
Students use curriculum-based, learner-based, context-based,
and professionally-based standards to develop and use ob-
jective, produce, and live performance tests; attitude observa-
and self-report assessments; they analyze and evaluate
learner progress, their tests, and their instruction; and they
communicate learner progress using portfolios, grades, and
standardized test profiles. The course is delivered using web-based distance and web-enhanced laboratory format.

**School of Physical Education, Wellness and Sport Studies**

The School of Physical Education, Wellness, and Sport Studies teaches a variety of Elective Physical Education courses and conducts a Professional Physical Education Teacher Preparation Program, Wellness Leadership Program, and an Athletic Training Program.

- **PHYSICAL EDUCATION ELECTIVE PROGRAM**
  Physical Education elective offerings in the School of Physical Education, Wellness and Sport Studies are designed to provide opportunities for all students in the University to acquire knowledge and movement skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

- **PHYSICAL EDUCATION, WELLNESS LEADERSHIP AND ATHLETIC TRAINING**
  Students must choose one of the following programs: a) Physical Education Grades (Florida Teacher Certification); b) Wellness Leadership; or c) Athletic Training.

**Requirements for the B.S. Degree (BPE/BPS/BPW):** The two-year programs are offered beginning in the junior year and includes mandatory attendance during the summer session between the junior and senior years. Students in Physical Education and Wellness Leadership may enter in the Fall Semester of each year only. Students in Athletic Training may enter in the Summer Semester (Session B) or each year only. Students proceed through the programs in cohorts and are required to complete all required courses each semester with a grade of “C-” or better in order to progress to the next semester. Students who do not complete the requirements will be dismissed from the program and may reapply for the next cohort.

**For K-8 Physical Education Major (BPE):**

**Prerequisites (State Mandated Common Prerequisites):**
These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology
- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
- Anatomy & Physiology I

**Additional Required Courses for K-8 Major:**

- Care and Prevention of Athletic Injuries or
- Anatomy and Physiology II with lab
- Skill Development Courses in Physical Activities
- Conditioning, Fitness & Wellness Courses in Physical Activities
- *Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement. Prerequisites must include a laboratory component

**Professional Education Core:**

- EDG 4909 Personal/Professional Development Seminar
- PET 3310 Kinesiology
- PET 3351 Exercise Physiology I

**Additional Required Courses for K-8 Major:**

- EDF 3122 Learning & The Developing Child
- EDF 4430 Measurement for Teachers
- EDF 3604 Social Foundations of Education (Exit)
- FLE 4365 ESOL Competencies and Strategies
- PET 3031 Motor Development & Assessment
- PET 3252 Issues in Sports (Exit)
- PET 3412 Curriculum and Instruction in Physical Education
- PET 3422 Instructional Design & Content: Movement Experiences
- PET 3441 Instructional Design & Content: Middle School Physical Ed.
- PET 3640 Adapted Physical Education
- PET 3943 Physical Education Internship: Middle School
- PET 4401 Organization and Administration of Physical Education Programs
- PET 4432 Instructional Design & Content: Physical Education Elementary
- PET 4433 Instructional Design & Content: Physical Education Elementary II
- PET 4942 Physical Education Pre-Internship: Elementary
- PET 4946 Internship in Teaching Physical Education: Elementary
- RED 4310 Reading and Learning to Read

**Recommended:**

- HSC 2400 First Aid

**6-12 Physical Education Major (BPS):**

**Prerequisites (State Mandated Common Prerequisites):**
These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology
- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
Six (6) hours Humanities (to include Philosophy and Fine Arts)
Anatomy & Physiology I 3-4
Care and Prevention of Athletic Injuries or Anatomy and Physiology II with lab 3-4
Skill Development Courses in Physical Activities 4-5
Conditioning, Fitness & Wellness Courses in Physical Activities 3

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Professional Education Core (for All Majors):**
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

**Additional Required Courses For 6-12 Major:**
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EDF 4131 Learning and the Developing Adolescent 3
- FLE 4365 ESOL Competencies and Strategies 3
- PET 3031 Motor Development & Assessment 3
- PET 3252 Issues in Sports (Exit) 3
- PET 3421 Curriculum and Instruction in Physical Education 3
- PET 3422 Instructional Design & Content: Movement Experiences 3
- PET 3441 Instructional Design & Content: Middle School Physical Education 3
- PET 3640 Adapted Physical Education 3
- PET 3943 Physical Education Internship: Middle School 4
- PET 4304 Principles & Issues in Coaching 3
- PET 4401 Organization & Administration of Physical Education Programs 3
- PET 4442 Instructional Design & Content: Physical Education Secondary 3
- PET 4443 Instruction Design & Content: Physical Education Secondary II 3
- PET 4944 Physical Education Pre-Internship: Secondary 3
- PET 4947 Internship in Teaching Physical Education: Secondary 12
- RED 4310 Reading and Learning to Read 3

**Recommended:**
- HSC 2400 First Aid 2

**For Wellness Leadership Major (BPW):**

**Prerequisites (State Mandated Common Prerequisites):**
These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.
- Human Anatomy and Physiology I and lab 4
- or
- Human Anatomy and lab 4
- Human Anatomy and Physiology II and lab 4
- or
- Human Physiology and lab 4
- College Algebra or higher 3
- Statistics or Pre-Calculus 3
- General Psychology 3
- General Nutrition 3
- Survey of Chemistry or higher 3
- Survey of Chemistry or higher lab 1

Students must pass all sections of the CLAST within 1st semester after admission to the program.

**Recommended:**
- First Aid/CPR
- Care and Prevention of Athletic Injuries
- Introductory Course in Computer Technology

**Professional Education Core (for Wellness Tracks):**
- EDG 4909 Personal/Professional Development Seminar 3
- PET 3310 Kinesiology 3
- PET 3351 Exercise Physiology I 3

**Additional Courses Required For Wellness Leadership Major:**
- ADE 4384 Working with the Adult Learner 3
- GEY 3601 Physical Changes and Aging 3
- HLP 4941 Wellness Internship 12
- HUN 2201 Nutrition 3
- PEM 2131 Weight Training 2
- PEP 3940 Practicum in Health Promotion/Wellness 4
- PEP 3951 Communications Skill for Wellness Leaders 3
- PEO 3170 Aquatic Exercise 2
- PET 3080 Survey of Wellness Programs 3
- PET 3931 Teaching Aerobic Dance/Exercise 1-3
- PET 4404 Organization & Administration of Wellness Programs 3
- PET 4353 Exercise Physiology II 3
- PET 3384 Health Fitness Appraisal & Exercise Prescription 3

**For Athletic Training Major (BPA):**
The undergraduate Athletic Training Program Track is a limited access program designed to prepare students for a successful career as a qualified allied health care professional educated and experienced in the management of health care problems associated with sports participation. Selected admissions to the track is gained through completion of required criteria set forth by the School of Physical Education, Wellness, & Sport Studies, in addition to the regular university application process. Successful completion of the track qualifies students to take the NATABOC Certification Examination and the State of Florida Athletic Trainer Licensure Examination. Interested students should visit our web site (http://pe.usf.edu/) and attend an organizational meeting that is held throughout the semester. The web site offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sites, on-line application forms and more.

**Athletic Training Program Major Requirements:**
In order to be admitted to the Athletic Training Program Track, students must participate in a selective admissions procedure. Enrollment in the program is limited and students can only enter during the Fall Semester of each academic year. Students must have completed at least 60 semester credit hours prior to the fall of their track entrance. In addition to being admitted to the University of South Florida, students must also apply directly to the School of Physical Education, Wellness, and Sport Studies before February 1st for priority admission consideration into the Athletic Training Program Track. Students applying after February 1st and before August 1st will be considered into the Athletic Training Program Track. Students applying after February 1st and before August 1st will be admitted to the program on a space available basis.

1. **Admission Criteria:** Students must:
   a. submit academic transcripts from all previously attended colleges.
   b. meet the criteria for admission to the College of Education. (exemption from the three common course prerequisites; EDF2005, EDG 2701, and EME 2040)
   c. submit a completed Athletic Training Application by March 1st.
   d. meet the technical standards for admission or show potential for accomplished tasks.
   e. complete an interview by invitation.
   f. achieve a cumulative GPA of 2.5.
2. Professional Education Core:

- EDF 3310 Kinesiology 3
- EDF 3531 Exercise Physiology I 3

3. Additional required Courses for Athletic Training Major:

HUN 2201 Nutrition 3

- PET 3617C Orthopedic Physical Assessment I (Upper Extremity) 3
- PET 3618C Orthopedic Physical Assessment II (Lower Extremity) 3
- PET 3621C Prevention of Athletic Injuries 3
- PET 3624C Emergency Management of Athletic Trauma 3
- PET 3630C Techniques in Therapeutic Exercise 3
- PET 3660 Athletic Training Administration & Policy 3
- PET 3670L Clinical Instruction in Athletic Training I 3
- PET 3671L Clinical Instruction in Athletic Training II 3
- PET 4535 Exercise Physiology II 3
- PET 4584 Health-Fitness Appraisal & Exercise Prescription 3
- PET 4627 Management of Athletic Injuries 3
- PET 4632C Therapeutic Modalities 3
- PET 4633C Therapeutic Rehabilitation 3
- PET 4672L Clinical Practice in Athletic Training I 3
- PET 4673L Clinical Practice in Athletic Training II 3
- PET 4933C Orthopedic Physical Assessment II 3
- PET 4935 Case Studies in Athletic Health Care 3

Department of Special Education

The Department of Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE). Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Students may not register for courses on other campuses without permission. On the Tampa Campus, students are assigned to teams. All courses are taken with the assigned team. The program sequence includes three semesters of part-time field experience and one semester of full-day internship. All part-time field experiences must be successfully completed as a member of a team concurrently enrolled in a specified course in designated local schools. Final internships are assigned only to designated school districts where partnerships exist. Field experiences begin during the first semester of a student’s enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

In some instances students may pursue a part-time program (9 hours or less a semester). This requires that students be available to participate in field experiences and concurrent classes during regular school hours.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

- **SPECIAL EDUCATION with ESOL Endorsement**

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education.
and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

### Professional Education Core (31 credit hours):

The required courses in the professional education core are as follows:

- **or**
  - EDF 3214 Human Development and Learning 3
  - EDF 3604 Social Foundations of Education (Exit) 3
  - EDF 4430 Measurement for Teachers 3
  - FLE 4316 Language Principles and Acquisition 2
  - FLE 4317 Teaching LEP Students K-12 3
  - EEX 4940 Internship: Exceptional Student Education 9
  - EEX 4936 Senior Seminar in Exceptional Student Education 1

### Area of Specialization

#### Varying Exceptionalities (BPX)

Students seeking the B. S. degree with certification in Varying Exceptionalities are required to take the following courses:

- EEX 4011 Foundations of Special Education 3
- EEX 4054 Perspectives on Learning and Behavioral Disorders 3
- EEX 4221 Educational Assessment of Exceptional Students 3
- EEX 4243 Education of the Exceptional Adolescent and Adult 3
- EEX 4604 Behavior Management for Special Needs and at Risk Students 3
- EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit) 3
- EEX 4846 Clinical Teaching in Special Education 3
- EMR 4011 Mental Retardation and Developmental Disabilities 3
- LAE 4314 Teaching Writing 3
- MAC 4310 Teaching Elementary School Mathematics I 3
- RED 4310 Early Literacy Learning 3
- RED 4511 Linking Literature Assessment to Instruction 3

### Student Organizations and Activities

#### College of Education Student Council

The College of Education Student Council represents the interests of education majors in regard to policies and needs of the college. The Council leadership team consists of five officers (President, Vice-President, Secretary, Treasurer, and Historian) and seven Student Government Senators. Elections are held annually; all pre-education and education majors are eligible to vote for all officers.

C.E.S.C. activities enhance members’ development by providing opportunities for professional and community service. It also functions as a forum for socialization. Any student majoring in education with a minimum GPA of 2.0 is eligible to participate.

#### Childhood Education Organization

The Association for Childhood Education International is a non-profit professional organization concerned with the education and well-being of children from birth to early adolescence. Members are located throughout the United States. The USF chapter works directly with children through observation, projects, and programs. In addition, it provides opportunities for students to study and exchange professional ideas at conferences throughout the state of Florida. Membership is open to all students.

#### Student athletic trainers' association (sata)

The role of this organization shall be to provide Athletic Training majors an opportunity for professional growth and exchange of professional ideas in the field of sports medicine. Activities of SATA include opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

#### Student Council for Exceptional Children

The Student Council for Exceptional Children [SCEC] is an organization of those members of the University interested in the education of children who are gifted, emotionally disturbed, physically handicapped, mentally retarded, or have specific learning disabilities.

Activities of the USF Chapter include field trips to various special educational facilities, opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

#### National Education Association Student Program (NEASP)

The National Education Association extends its usual membership benefits to student teachers, providing opportunities for professional growth, leadership training, and also $1 million liability insurance coverage while interns are engaged in student teaching. Membership is open to all students.

#### Kappa Delta Pi

Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

#### Association of Physical Education College Students (APECS)

The Physical Education and Wellness Association (PEWA) is open to all students enrolled in the Physical Education and Wellness Programs. Social and professional meetings are conducted throughout the year. Professional service to the community is also provided by the association.
Mathematics Education Club
The role of this organization shall be to provide an informative and supportive environment for students progressing through the Mathematics Education program.
Membership shall be available to any student in good standing who expresses interest in the Mathematics Education program at USF.

Minority Organization of Students in Education (MOSE)
The Minority Organization of Students in Education provides students with experiences that will facilitate the educational and professional growth of its members. This is achieved by providing information about various opportunities available to them, scheduling activities that will enrich their experiences, as well as organizing the sponsorship and participation in community service programs. Guest speakers are also invited to meetings to discuss topics of interest such as employment and graduate school.

Science Education Association (SEA)
The Science Education Association provides a supportive environment for students majoring in science education, although membership is open to anyone interested in science. SEA plans field trips, guest speakers, and the compiling of a classroom science activities file for education majors.

EDUCATION FACULTY

ADULT, CAREER & HIGHER EDUCATION
Chairperson: W. R. Sullins; Professors: W.E. Blank, D. Dellow, J.A. Eison, W.B. James, W.H. Young; Associate Professors: J.M. Ignash, J.B. Scaglione, W.R. Sullins; Assistant Professors: M.R. Mills; Visiting Assistant Professor: S. Kirkman.


Educational Measurement and Research

Physical Education, wellness, and sport studies

Psychological and Social Foundations

Secondary Education

Special Education
COLLEGE OF ENGINEERING

The mission of the USF College of Engineering is to continuously aspire to excellence in teaching, research and public service. The College values academic excellence, professionalism, ethics and cultural diversity among its students, staff and faculty. The College is committed to addressing the needs of its constituencies and gives careful consideration to the urban and suburban populations in our service area.

At the undergraduate level the College is committed to provide students with a strong, broad-based, fundamental engineering education as preparation for careers in industry in a global environment, and government, or as preparation for advanced studies in professional schools of engineering, science, law, business and medicine.

At the graduate level students work in close collaboration with faculty, pursuing advanced topics within their disciplines, which will result in advancements in their fields and society at large.

Utilizing the expertise of its individual and collective faculty, the College is dedicated to the development of new fundamental knowledge and processes or procedures, which will benefit all humanity. The College promotes multi-disciplinary approaches, commitment to life-long learning and awareness of societal issues, which are requisite for meeting technological challenges.

The College provides technical assistance and technology transfer to the region, state and nation. In all facets of teaching, research and service, the College emphasizes close liaison with industry and government to provide students and faculty with the skills and perspectives needed to ensure effective technological leadership.

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DEPARTMENTS AND PROGRAMS

The College of Engineering offers undergraduate and graduate programs to prepare students for a broad spectrum of professional careers in engineering. Laboratory experience as well as real-world participation in technological problem solving is a key aspect of a professional engineer's college education. The College of Engineering, in implementing this need, augments its own modern laboratory and research facilities in close collaboration with the professional societies and the many industries in the metropolitan Tampa Bay area. The College of Engineering offers undergraduate degrees in Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Information Systems, Electrical Engineering, Industrial Engineering, and Mechanical Engineering.

The engineering programs of the College have been developed with an emphasis on three broad aspects of engineering activity: design, research, and the operation of complex technological systems. Students who are interested in advanced design or research should pursue the 5-Year Program leading to a Master of Science degree in a designated Engineering discipline. The Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET) and accredited the Engineering programs of the College (Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering and Mechanical Engineering). The Bachelor of Science program in Computer Science is accredited by the Computing Accreditation Commission (CAC) of ABET.

The supervision of the academic programs for the College is the function of the administrative departments together with several coordinators. Each department is responsible for specific professional programs, faculty, laboratories, and student advising.

The Departments and Programs section that follows contains descriptions of the engineering degrees offered by the College. The “Four Year Programs” section includes courses students need to take, beginning with their first semester at USF, to earn the Bachelor of Science in Engineering degree. Students interested in particular programs offered by the College of Engineering should direct their inquiries to the College of Engineering Office of Student Services (see Advising section below). Information is also available on the College's website: http://www.eng.usf.edu/.

PROFESSIONAL ENGINEERING

The College of Engineering recognizes that modern engineering solutions draw on knowledge of several branches of engineering. It also recognizes that future technological and societal developments will lead to shifting of the relative emphasis on various branches of engineering, triggered by new needs or a reassessment of national goals. For this reason the College’s programs include a strong engineering foundation portion, designed to equip the prospective engineer with a broad base of fundamental technical knowledge. To this foundation is added the student’s specialization of sufficient depth to prepare him/her to embark successfully on a professional career.

The Bachelor of Science degrees offered in the various engineering disciplines provide the student a broad education with sufficient technical background to contribute effectively in many phases of engineering not requiring the depth of knowledge needed for advanced design or research. The baccalaureate degree is considered the minimum educational credential for participating in the engineering profession and is the first professional degree. Students interested in design and research are strongly encouraged to pursue advanced work beyond the baccalaureate either at this or other institutions. It is evident that large segments of today’s engineering professionals are involved in some form of post baccalaureate study. Engineers are earning advanced degrees to obtain the information and training necessary to meet effectively tomorrow’s technological challenges. All are faced with the continuing problem of refurbishing and updating their information skills and most are obtaining advanced information by means of formal graduate study, seminars, special institutes and other such systems designed for this purpose. Life-long learning is a fact in engineering practice, and graduates must be aware and committed to it.

The Bachelor of Science degree program in a designated engineering discipline and the Master of Science degree in the same discipline may be pursued simultaneously in a program called the Five-Year Program.

Professional Registration

Students who have attained senior status, and are in good academic standing in an ABET accredited Engineering Program, are eligible to register for examinations leading to licensure as Professional Engineers. The first examination, called the Fundamentals of Engineering (FE) Exam, is offered by the Florida Board of Professional Engineers and is usually taken the semester prior to graduation. In addition to the knowledge acquired through the engineering curriculum, many students take advantage of review courses offered by the Engineering Studies and College Counselors. The College of Engineering’s distance education program, FEEDS, to prepare for the Fundamentals of Engineering Examination. Registering for the FE exam during the senior year is strongly encouraged for students graduating with an engineering degree.

Preparation for Engineering

Students planning to attend USF’s College of Engineering should familiarize themselves thoroughly with the College’s admissions standards and requirements for their prospective
The engineering programs.

As part of an A.S. or technology degree are not transferable to engineering courses taken for military training, at the lower level, or science coursework as is available to them.

Students should complete as much of the mathematics and pre-engineering program leading to an A.A. degree. All transfer State of Florida operated college or university should follow a program of preliminary coursework.

Junior/community college students planning to transfer to the University of South Florida’s engineering program from a State of Florida operated college or university should follow a pre-engineering program leading to an A.A. degree. All transfer students should complete as much of the mathematics and science coursework as is available to them. In general, engineering courses taken for military training, at the lower level, or as part of an A.S. or technology degree are not transferable to the engineering programs. Transfer students should be aware that the College expects them to meet departmental admission requirements just as it expects its own students to meet these requirements. Junior/community college students intending to pursue an engineering program at USF should contact the advisor at their institution and request a course equivalency list.

The College of Engineering can assist students who are planning to obtain an Engineering degree from the University of South Florida and who have started their studies elsewhere in formulating a sound total program. Interested students should contact the College’s Office of Student Services (813/974-2684) furnishing sufficient details to permit meaningful response.

College Computing Facilities

The College provides access to centralized computing facilities to undergraduate and graduate students. Most engineering departments also provide students with local facilities. The University is an Internet2 site and links are available to directly connect to all major supercomputing centers in the country.

The College provides enterprise level servers for computing, mail, file, web and database services for students and faculty. The College operates several computer open-access labs for student use. These labs are equipped with a large number of modern (Dell) PCs and Unix workstations (Sun Ultra 5). All these computers have all of the necessary software required for coursework as well as other standard productivity software. The College also supports a state-of-the-art multimedia lab with document scanners and CD-ROM burner.

Laboratory computers provide the software required for coursework and research. Standard programming languages such as FORTRAN, Basic, Pascal, C, C++ and Java are provided on these machines. General-purpose software such as MS Office, MS visual studio and specialized engineering software including mathematical packages (MathCad, MatLab, Maple, Macsyma, TK Solver), statistical package (SAS), discipline specific application packages such as Abaqus, Ansys, ARENA, Aspen, Cadence and Labview are provided on Unix and Windows platforms on the network and in the labs. Several database management system software packages such as Oracle, MySQL, MSSQL and MS Access are available for classwork. Multi-media software packages such as MS FrontPage, Adobe Acrobat, Illustrator, Photoshop, Omni Page Pro, MicroShop Pro, Macromedia Dreamweaver and Flash are available in the multi-media lab. The university has also entered an agreement with Microsoft Corporation for upgrade of standard office application, development tools and desktop operating systems.

The college-wide Ethernet network is connected to the USF campus-wide Gigabit Ethernet backbone. Within the College connections are provided to laboratories via 100 Mbps Ethernet. The university’s Internet2 connection links it to more than 150 major universities and research institutions in the nation. Dial-in access is available to students from a large USF modem bank as well as through broadband connection.

Student Computer Recommendations

Engineering students will find it necessary to obtain a laptop personal computer prior to the semester in which specialization courses commence. The recommended computer configuration for engineering applications is indicated on the College web page http://www.eng.usf.edu. For further details, contact the Associate Dean of Engineering or the Director of Engineering Computing in the College.

Cooperative Education and Internship Programs

A wide variety of industries and government agencies have established cooperative programs for engineering students to provide them the opportunity to become familiar with the practical aspects of industrial operations and engineering careers. Students in the Career Resource Center’s Cooperative Education (Co-op) program may alternate periods of paid employment in their major field with like periods of study, or may elect to participate in part-time employment while attending classes every semester. Students following the Co-op program usually encounter no problems in scheduling their program, since required Social Science and Humanities, Mathematics and Science, and Engineering Common courses are offered every semester. Students normally apply for participation in this program during their sophomore year and pursue actual Co-op employment during their sophomore and junior years. The senior year is generally pursued on a full-time study basis, since many specializations courses are not offered every semester. The students receive a Cooperative Education Certificate upon successful completion of a minimum of two work assignments.

Engineering Students in the University Honors College

Army, Air Force & Navy R.O.T.C. For Engineering Students

The academic and technological knowledge an engineering degree provides is a distinct advantage to individuals interested in a military appointment or career. This is especially true for those participating in one of the ROTC programs at USF. The Engineering degree requirements, combined with ROTC requirements, may require five years to complete.

Five-Year Programs Leading to the Bachelor and Master of Science Degrees in Engineering

Students who, at the beginning of their senior year, are clearly interested in graduate study are invited to pursue a Five-Year Program of study leading simultaneously to the Bachelor of Science and Master of Science in Engineering. The five-year program includes a two-year research program extending through the fourth and fifth year.

Undergraduate Admission to the College of Engineering

Students may apply to the College of Engineering upon initial entry to the University by declaring Engineering as their intended major on their admissions application. When a student is accepted to USF, engineering staff will review the necessary credentials and notify the applicant of his or her Engineering status.
USF students may apply through the Office of Engineering Student Services. To be considered for admission to the College, an applicant must be accepted by the University as a degree-seeking student and be in good standing academically.

College of Engineering Admission Requirements

Students meeting or exceeding the below criteria are granted direct entry to the College. Others are classified “Pre-Engineering.” Pre-Engineering students are fully admitted to the College after completing required pre-requisite courses. Additional requirements must be met prior to admission to specific degree programs.

1. Freshmen:
   a. Test Scores:
      SAT—combined score of 1150 minimum with a minimum quantitative of 550.
      ACT—combined score of 25 minimum and mathematics of 25 minimum.
   b. High School Mathematics: Should include sufficient algebra and trigonometry to enter Engineering Calculus I.
   c. High School Grade Point Average of 3.0/4.0.

2. Transfer Students:
   a. Engineering Florida community college transfer students that have completed the courses shown below with a minimum grade of “C” are accepted directly into the College of Engineering. Additional requirements must be met prior to admission to specific degree programs.

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
   Humanities Courses (6)
   Social Science Courses (6)
   Humanities or Social Sciences (3)

Mathematics:
   USF
   MAC 2281 MAC 2311* (4)
   MAC 2282 MAC 2312* (4)
   MAP 2302 MAP 2302 (3)
   *or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
   USF
   CHM 2045 CHM 1045* (3)
   CHM 2045L CHM 1045L* (1)
   PHY 2048 PHY 2048 (3)
   PHY 2048L PHY 2048L (1)
   PHY 2049 PHY 2049 (3)
   PHY 2049L PHY 2049L (1)
   *or CHS 1440 Chemistry for Engineers

   b. Computer Science
      Transfer students into the Computer Science program from a Florida community college are not required to have MAP 2302 or the Chemistry course indicated above.

   c. Information Systems
      Transfer students into the Information Systems program from a Florida community college are not required to have MAP 2302 or Calculus III or the Chemistry course indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

Transfer Credit

The USF College of Engineering will accept transfer credit when appropriate if the transferred course has been passed with a grade of “C” or better. In some cases credit for a course may be granted, but the hours accepted may be less than the hours earned at another school.

While credit work from other institutions may be granted subject to the conditions of the previous paragraph, the last one-quarter credits, that includes a minimum number of semester hours of engineering coursework specified by the degree-granting department, must be taken at USF to receive the baccalaureate degree. The College of Engineering’s Associate Dean for Academics must approve exceptions.

Transfer credit evaluation is conducted in the Office of Engineering Student Services. Transfer students should be prepared to submit College catalogs and course syllabi from the previous institution if required.

In general, engineering and technology courses taken at the lower level, at technical schools, or as part of professional or military training, are not applicable to the degree programs of the College of Engineering.

Required Prerequisites for Entering Engineering programs

Once a student has been admitted to the College of Engineering, he/she must then seek admission into one of the academic departments. Departmental admissions requirements vary by program. Students considering transferring to USF should familiarize themselves with the requirements for their intended department as early as possible. Students admitted to the University of South Florida and the College of Engineering must qualify for the program of their choice by completing the courses and successfully meeting the GPA criteria detailed below. Unless otherwise stated, required math, science or engineering courses must be completed with a grade of C or better. A grade of C- or below does not fulfill the requirement.

Prior to being admitted to a department, a student may be permitted to take no more than two departmental engineering courses. Individual departments may have continuation requirements.
• A minimum overall GPA of 2.0
• A minimum USF GPA of 2.0

Bachelor of Science in Information Systems

Admission to the Department as a Pre-CSE student requires:

• Completion of ENC1101, ENC1102, MAC2311, MAC2281 or MAC2241, MAC2312, MAC2282 or MAC2242, CHM2045 and CHM2045L with a minimum grade of C in each course.
• A minimum USF GPA of 2.0

The Department of Electrical Engineering
Bachelor of Science in Electrical Engineering:

• Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283.
• Completion of PHY2048, PHY2048L, PHY2049, PHY2049L, CHM2045, CHM2045L with a minimum grade of C in each course.
• A minimum overall GPA of 2.0
• A minimum USF GPA of 2.0

The Department of Industrial and Management Systems Engineering
Bachelor of Science in Industrial Engineering:

• Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283.
• Completion of PHY2048, PHY2048L, PHY2049, PHY2049L, CHM2045, CHM2045L with a minimum grade of C in each course.
• A minimum overall GPA of 2.0
• A minimum USF GPA of 2.0

The Department of Mechanical Engineering
Bachelor of Science in Mechanical Engineering:

• Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283.
• Completion of PHY2048, PHY2048L, PHY2049, PHY2049L, CHM2045, CHM2045L with a 2.3 GPA (based on best attempt) in these prerequisites.
• A minimum overall GPA of 2.0
• A minimum USF GPA of 2.0

FIVE-YEAR PROGRAMS LEADING TO BACHELORS AND MASTERS DEGREES IN ENGINEERING

Students who, at the beginning of their senior year, are clearly interested in graduate study are invited to pursue a Five-Year Program of study leading simultaneously to the Bachelor of Science in Engineering or Engineering Science and Master of Science in Engineering or Engineering Science degrees. The general basis of the five-year program includes:

1. A two-year research program extending through the fourth and fifth year.
2. The opportunity of taking some graduate courses during the fourth year and deferring the taking of some senior courses to the fifth year.
3. Six credit hours, to be determined by program, are counted toward both degrees reducing the master’s degree to 30 hours or less.

Students apply for admission to this program through their departmental advisor. Admissions requirements vary by department. The college-wide minimum requirements are:

1. Senior standing (90 credits) with at least 16 upper level engineering credits completed at the University of South Florida with a 3.3 GPA.
2. A minimum score of 1000 on the verbal and quantitative portions of the Graduate Records Examination.
3. Above-average performance in the chosen Engineering program.

Engineering Advising

Effective pursuit of engineering and engineering related studies requires careful attention to both the sequence and the type of courses taken. The engineering curriculum differs in key respects from the study plans of other majors—even in the freshman year.

New students must attend the University’s Orientation Program. They will be introduced to the engineering advisors during this program and receive advisement for their first semester.

The student and advisors jointly work out a plan of study that meets both the student's career objectives and the College of Engineering’s degree requirements. The advisors maintain the College of Engineering student’s records.

Students not yet meeting departmental admissions requirements are advised by the general engineering advising office. While the College provides advising services to assist students with academic planning, the responsibility for seeing that all graduation requirements are met rests with the students.

The College of Engineering requires all undergraduates to apply for graduation the semester prior to the anticipated graduation term. Necessary forms and instructions can be obtained in the Engineering Student Services Office or from their departmental advisor.

Advising Offices
Tampa Campus: TECO Energy Hall, Room 1302, (813) 974-2684.
Sarasota Campus: Palmer “C” Building (PMC), Room 101, (941) 359-4331/4330.
Lakeland Campus: Student Services Office (LLC), Room 2100, (863) 667-7071.

Preliminary Coursework for Engineering Students

The College of Engineering Bachelor of Science programs are founded on a set of coursework that is designed to give each student a thorough foundation of knowledge on which specialization studies and a professional career can be based. Emphasis is placed on three key elements: development of communication skills, familiarity with the social sciences and humanities and a solid base in science and mathematics.

Each degree-granting department has developed a list of courses to provide key elements for the degree offered. While the specific courses will vary slightly from one department to another, the categories are as follows:

- General Education Courses
- Mathematics, Chemistry and Physics
- Engineering Courses
- Department Specialization
- Special course requirements exist for Chemical Engineering, Computer Engineering, Computer Science, and Information Systems. Students selecting any of these disciplines should be aware of their specific requirements. Students may consult the College’s Advising Office for detailed information.

The Engineering undergraduate student must not only be a technically competent individual but a person who can understand, adjust and contribute to the social environment.
Students who transfer from a State of Florida community college with an Associate of Arts will find their General Education coursework satisfies the USF General Education Requirements.

All Engineering students, except those completing a second bachelor’s degree, must complete the USF Exit Requirements. The Literature and Writing portion can be met by completing ENC 3211 Communication for Engineers. The three-hour Major Works/Major Issues requirement is integrated into the senior year curriculum.

1. University Liberal Arts Requirements

All students are required to take 42 semester hours to complete the University liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 6 semester hours will satisfy the exit requirements. These requirements are distributed as follows:

<table>
<thead>
<tr>
<th>General Education Requirements*</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>6</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Historical Perspectives</td>
<td>6</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>African, Latin American, Middle Eastern or Asian Perspectives</td>
<td>3</td>
</tr>
</tbody>
</table>

Exit Requirements* (Must be taken at USF)

| Major Works and Major Issues    | 3              |
| Literature and Writing          | 3              |

*Courses may be certified in more than one area, but students may use each course in only one (1) area.

In addition, 12 hours considered Gordon Rule Communication (6A) courses must be completed. For Engineering students, these are ENC 1101, ENC 1102, ENC 3211, and one more. The fourth course is selected from any general education or departmental courses that have been certified Gordon Rule Communication (6A) by the USF Undergraduate Council.

Courses in the liberal arts requirements should incorporate the following components whenever they are relevant to the specific discipline: the learning skills of conceptual thinking, analytical thinking, creative thinking, written expression, oral expression, and the dimensions of values and ethics, international perspectives, environmental perspectives, race and ethnicity, and gender. When warranted by the subject matter, each course must incorporate consideration of at least one of the dimensions and one of the thinking skills to meet the liberal arts requirements.

Departments should ensure that courses proposed for the liberal arts have sufficient depth and breadth. These courses will share the substantive rigor and intellectual challenge of courses offered for major credit, with the specific feature of offering an integrative perspective of the discipline and its relationship to academia as a whole. Additionally, such courses will encourage majors to interact with students from other disciplinary backgrounds.

2. Mathematics and Science Core Requirements

For students in the engineering programs, the mathematics coursework consists of a Calculus for Engineers sequence (or a calculus sequence of equivalent level), Differential Equations, and additional hours of designated courses supportive of the student’s selective field of specialization, as specified by the department. Science coursework includes the Physics with Calculus course and General Chemistry course(s) depending on the degree-granting program.

Students whose high school preparation is insufficient to enter the Calculus for Engineers are required to take supplementary algebra and trigonometry prior to being considered for acceptance into the College.

Grading Policies

1. SJU GRADING POLICY

Students pursuing College of Engineering degree programs are expected to take their courses on a graded basis. Please refer to the grading system in the Academic Policies and Procedures section of this catalog. S/U grading option must be requested during the first week of classes. Courses taken on an S/U basis are not applicable to the College’s degree programs. Exceptions require written approval of the department advisor prior to registration.

2. I GRADE POLICY

The criteria for requesting a grade of “I” (incomplete) are detailed in the University’s Academic Policies and Procedures portion of this Catalog. A written agreement detailing the specific requirements and time limit for completion is required in some departments and recommended in all others.

Full tuition must be paid and an audit form must be submitted to the Registrar’s Office by the end of the first week of classes if a student wishes to attend the course again to review the material. If a student registers for the course but does not request to audit the course, a grade will be submitted for the subsequent registration and the I grade will be converted to an F. In this case, the student may choose to apply grade forgiveness.

3. Minimum Acceptable Grade in Required Courses

Unless otherwise stated, the minimum acceptable grade in any required math, science or engineering course is C. A grade of C- or less does not fulfill the requirement.

Continuation and Graduation Requirements

1. Minimum GPA Requirements

To meet graduation and continuation requirements all undergraduate Engineering students must maintain a minimum cumulative GPA of 2.0 in the following categories:

1) Overall Undergraduate GPA
2) USF GPA
3) GPA* in Math and Science courses required for the curriculum
4) Engineering Courses
5) Specialization Courses

*Note: The Math Science GPA is based upon the best attempt. Other categories include all attempts, unless grade forgiveness has been applied. In no case will the minimum GPA for a category be less than 2.0.

Students who do not maintain the required minimums of the program pursued in each category are ineligible for further registration in the College unless individually designed continuation programs are recommended by the student’s academic advisor and approved by the department undergraduate coordinator or the Director of Admissions & Advising and the Engineering Associate Dean for Academic Affairs or his designee. All students who are academically dismissed from the University will be denied readmission to the College of Engineering unless they meet admission requirements in effect at the time readmission is sought and are recommended for readmission by the department and the Associate Dean for Academic Affairs.
2. English Requirement
Students evidencing an English deficiency will be required to complete the necessary corrective programs, with the assistance of their advisors. It is recognized that such deficiencies can exist even though a student has met the University’s minimum English requirements. Correction of any deficiency must commence the term after a student has been notified and must be completed prior to recommendation of the student for graduation by the faculty of the College.

3. Mathematics Requirement
Students evidencing a lack of the ability to apply mathematics will be required to take remedial coursework beyond their regular degree requirements. Faculty of the College who encounter students who are deficient in their mathematical ability will refer such cases to the Advising Office.

4. Residency Requirement
Transfer students must complete a minimum number of specialization courses in the USF degree granting department. The minimum number of USF specialization credit hours required is established by the respective academic department. In no case will this be less than 18 hours. The University residency requirement of 30 USF hours must also be met. General engineering courses are not considered specialization courses.

5. Satisfactory Progress and Years to Degree
Students who register for a course three times without receiving a grade of "D" or better (i.e., receive grades of D, F, or W) will be denied further enrollment in the College of Engineering unless written permission is obtained from the Department Chairperson and the College Associate Dean for Academic Affairs.

The College of Engineering requires that a student complete the baccalaureate degree within five years after beginning engineering specialization courses. Specialization courses taken more than five years prior to graduation will not be counted toward the degree. Exceptions may be granted by the Academic Department.

6. Disruption of Academic Process and Academic Dishonesty
The College of Engineering will maintain an environment that encourages all to study and conduct engineering research free from undue disruption. Disruption of the Academic Process is a matter the College is obliged to report to Student Judicial Services. Academic dishonesty, in any form, is taken very seriously by the College of Engineering and will result in sanctions. The most serious penalty is dismissal from the University. (See University policies regarding academic dishonesty.)

7. GRIEVANCE PROCEDURE
Students should make themselves fully aware of the University’s grievance procedures. (See University policies regarding grievance procedures.)

8. University, College, and Program Requirements
The College requirements described in the section above are in addition to requirements set forth in the University policy and procedures section and the departmental sections of this catalog. It is the student’s responsibility to complete all university, college, program and curricular requirements prior to graduation.

9. Graduation Application Procedures and Deadlines
Each engineering student is required to complete an application for graduation and check list. Students should schedule an appointment with the Department Undergraduate Coordinator to review graduation qualifications and obtain departmental signatures well in advance of the College graduation application deadline. Approved applications must be submitted to the College of Engineering Advising Office the term prior to the semester in which graduation is sought. Graduation applications are due on the dates indicated below.

- August 1st for Fall Graduation
- November 1st for Spring Graduation
- February 15th for Summer Graduation

10. Fundamentals of Engineering Examination
Taking the Fundamentals of Engineering Exam prior to graduation is required in some departments and strongly encouraged in others. (See the Office of Engineering Student Services for applications and information.)

Certificate Programs
Several formalized engineering certificate programs, at the undergraduate and graduate levels, have been developed to provide qualified individuals an opportunity to enhance their degrees prior to graduation or to engage in discipline related continuing education.

Certificate in Biomedical Engineering
Biomedical Engineering is a highly interdisciplinary field where basic engineering principles are applied to problems in the biomedical sciences. Typical specific areas of interest include: understanding basic biochemical and physiological processes, designing and analyzing medical diagnostics and procedures, evaluation and design of health care systems and facilities, design and valuation of prosthetic devices, an general biomedical product development. The College of Engineering offers an undergraduate Enhancement Certificate in Biomedical Engineering. There are two main purposes for the certificate program 1) to accommodate students interested in entering medical school following graduation (this program satisfies most of the typical minimal admission standards for medical school); and 2) to prepare students for graduate education program, drawing from all engineering disciplines, biology, physical sciences, biomedical and clinical sciences. Undergraduate students anticipating graduate study in the bioengineering area (or related fields such as medicine) are strongly encouraged to gain research experience as part of their program. Research possibilities exist in Engineering, the Health Sciences Center, Public Health, and Arts and Sciences.

The Certificate in Biomedical Engineering provides students an opportunity to get an introduction to a rapidly developing field of study and to receive recognition for their endeavors. Students in the program must fulfill all the requirements for an Engineering undergraduate degree, such as Bachelor of Science in Chemical Engineering and also meet the additional requirements of the Certificate program. Enrollment is through the Department of Chemical Engineering.

Certificate in Total Quality Management
An undergraduate student, or graduate engineer, may enhance their professional achievement by receiving a Certificate in Total Quality Management. The student must satisfactorily complete five courses (15 credit-hours beyond the BS degree) of the eight courses in Total Quality Management. Enrollment is through the Department of Industrial and Management Systems Engineering.

Certificate in Materials Science and Engineering
The Materials Science and Engineering certificate requires 15 credit hours of theoretical and applied materials courses. The Materials Science and Engineering Certificate is designed to provide students with an opportunity to gain a focused introduction into a dynamic and explosively growing technological field. The certificate has been designed to be as flexible as possible thus allowing students from different disciplines to take...
advantage of the program. Enrollment is through the Department of Chemical Engineering.

Certificate of Wireless Engineering
This Certificate provides post-baccalaureate students with studies in engineering techniques of modern wireless circuits, antennas, and communication systems. Students must have successfully completed an undergraduate course in Electromagnetics. The candidate should also have an earned B.S. in Electrical Engineering or Computer Engineering. Any other degree tract must meet the Electrical Engineering department’s approval.

Certificate of Enhancement
The Certificate of Enhancement in (a designated engineering discipline) provides students an opportunity to gain an enhanced experience in their chosen field while pursuing an engineering degree and to permit them to receive recognition for the same requirements. At the present time, each department may offer a certificate of enhancement in the designated discipline. These include the Certificates of Enhancement in Chemical Engineering, Civil & Environmental Engineering, Computer Science, Computer Engineering, Electrical Engineering, Industrial and Management Systems Engineering, Information Systems and Mechanical Engineering. In addition, there are two specialized Certificates of Enhancement in Transportation Engineering and Wireless Engineering.

Requirements:
1. Enrolled in a Bachelor of Science degree program in a specified engineering discipline.
2. A minimum of 15 hours of additional elective courses, not included as a part of the B.S. degree, from an approved list.
3. A G.P.A. of 2.0 or greater for the additional hours.
4. The student must receive the engineering degree to receive the Certificate of Enhancement.

Please contact the appropriate department undergraduate coordinator to be accepted in the program.

FOUR-YEAR PROGRAMS
LEADING TO A BACHELOR OF SCIENCE DEGREE IN A DESIGNATED ENGINEERING FIELD

These engineering degrees are awarded upon successful completion of a program consisting of the required areas of coursework. Programs are offered in the following disciplines of Engineering:

• CHEMICAL ENGINEERING

Undergraduate Degree Offered:
B.S. Chemical Engineering

Graduate Degrees Offered:
M.S. Chemical Engineering
M.C.H.E. Chemical Engineering
M.E. Chemical Engineering
M.S. in Chemical Engineering
Ph.D. in Chemical Engineering

This department offers coursework and study in all areas fundamental to Chemical Engineering. Engineering specialization courses, together with mathematics, physics, chemistry, other interdisciplinary engineering fundamentals, and liberal arts courses, provide the basis for long-range professional progress. Because of the many professional areas available for employment to the chemical engineer, the students are also required to take a number of electives from areas such as biotechnology, materials, and environmental engineering. These electives are designed to broaden the experience and, therefore, the employment possibilities of our graduates. The Chemical Engineering Department also offers a sequence of courses in Chemical Engineering Science, biotechnology and biomedical engineering.

A sequence of courses in the engineering aspects of biotechnology is currently available within the Chemical Engineering program. Topics include applied microbiology, fermentation, enzyme technology, cell separation technology, biomedical engineering, biomaterials, biotechnology, and biomechanics.

Students pursuing the Bachelor of Science in Chemical Engineering take coursework in advanced chemistry, thermodynamics, fluids, heat, and mass transfer, numerical methods, separation processes, reacting systems, instrumentation, control, and plant design. Students must also satisfactorily complete a design project as part of their program. Students seeking the Biotechnology/Biomedical Certificate are also required to take additional courses in general biology, microbiology, and biochemistry. Chemical engineering students must maintain a GPA of 2.0 in required departmental courses. Therefore, it is imperative that the students retain close contact with their advisor.

Students completing this program normally initiate their careers in manufacturing, environmental, and biological enterprises. Chemical engineers are found in administrative, technical, and research positions in these industries. Main products of these industries are petrochemicals, polymers, fibers, natural and synthetic fuels, electronic materials, fertilizers, pharmaceuticals, bio-materials, etc.

Solutions of modern societal and scientific problems often require the use of chemical engineering skills. Chemical engineering students must have access to a personal computer during their last two years of study. Those who do not own one will be severely disadvantaged.

Mission Statement
The mission of the Department of Chemical Engineering is to provide fundamental knowledge and contemporary skills for the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.

Program Education Objectives
1. Our graduates will be able to apply engineering and scientific principles to the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.
2. Our graduates will be able to build upon their undergraduate education, expanding and adapting their knowledge and skills in their chosen career path.
3. Our graduates will be able to function as professionals, working both as individuals and as team members striving towards common objectives, communicating effectively and following appropriate ethical standards in the process.
4. Our graduates will be able to be productive members of society in general as a result of their technical abilities combined with their broad exposure to the humanities and awareness of societal and global issues.

Departmental Policies
In addition to the College’s graduation requirements, the department has the following policies:
1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
Four-Year Curriculum - Chemical Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to their intended department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
- CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Chemical Engineering Admissions Requirements
Students must have completed the equivalent USF Engineering Calculus General Physics and Chemistry courses with a C or better in each course; must have a USF and an overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
<th>Semester III</th>
<th>Semester IV</th>
<th>Semester V</th>
<th>Semester VI</th>
<th>Semester VII</th>
<th>Semester VIII</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>ENC 1102</td>
<td>CHM 2210</td>
<td>MAP 2302</td>
<td>ECH 3023C</td>
<td>CHM 4412</td>
<td>ECH 4415C</td>
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<td>MAC 2281</td>
<td>MAC 2282</td>
<td>CHM 2210L</td>
<td>ECH 3023L</td>
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<td>ECH 4415L</td>
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<td>CHM 2045</td>
<td>CHM 2046</td>
<td>MAC 2283</td>
<td>ECH 4264</td>
<td>ECH 4265C</td>
<td>CHM 4931</td>
<td>ECH 4323C</td>
<td>ECH 4615</td>
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<td>CHM 2045L</td>
<td>CHM 2046L</td>
<td>PHY 2049</td>
<td>ECH 4845</td>
<td>ECH 4265L</td>
<td>ECH 4936</td>
<td>ECH 4936</td>
<td>ECH 4615</td>
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<tr>
<td>EGN 3000</td>
<td>EGN 3613C</td>
<td>PHY 2049L</td>
<td>ECH 3702</td>
<td>ECH 4323C</td>
<td>EGN 3343</td>
<td>ECH 4936</td>
<td>Plant Design</td>
</tr>
</tbody>
</table>
| ALAMEA Perspectives Elective | Total 18 | EGN 3343 Engineering Statistics | Engineering Elective | Undergraduate Seminar | Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College.
CIVIL AND ENVIRONMENTAL ENGINEERING

Undergraduate Degree Offered:
Bachelor of Science in Civil Engineering (B.S.C.E.)
Graduate Degrees Offered:
Master of Science in Civil Engineering (M.S.C.E.)
Master of Science in Environmental Engineering (M.S.E.V.)
Master of Civil Engineering (M.C.E.)
Master of Engineering (M.E.)
Master of Environmental Engineering (M.E.V.E.)
Doctor of Philosophy in Civil Engineering (Ph.D.)
Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers course work and study pertinent to Civil Engineering, Engineering Mechanics, Material Science, and Environmental Engineering. Areas of concentration are structural engineering, engineering mechanics, geotechnical engineering, transportation engineering, water resources engineering, materials and corrosion engineering, and environmental engineering.

Students completing the program may enter the profession as engineers in civil, structural, geotechnical, transportation, water resources, environmental, hydraulics, or materials disciplines. All of these disciplines share the need for knowledge in the areas of engineering mechanics, civil engineering, material science, and environmental engineering. Through choice of the proper area of concentration, a student has the opportunity to channel academic studies specifically towards his/her career choice.

Graduates of the program may commence their engineering careers in either industry, engineering consulting firms, or public service at the federal, state, or local level. Initial assignments may include planning, design and implementation of water resources systems; planning and design of transportation and housing systems; regional planning, design, and management for abatement of air, water and solid waste pollution problems; design of bridges and single and multistory structures; and supervision of construction projects.

Mission Statement
The mission of the Department of Civil and Environmental Engineering is:
1. to provide a quality educational experience for all students, both undergraduate and graduate, at the level of the top ranked universities in the nation;
2. to develop new knowledge, processes, or procedures through research which will benefit mankind; and
3. to provide service through professional activities.

Undergraduate Program, Vision and Guiding Principles
The Department will provide our undergraduate students with a strong, broad-based, engineering education that gives them the basic intellectual and organization skills that allow them to work with complex systems with technological, social, and environmental components. As many of our students begin work upon graduation in industry or with governmental organizations, the curriculum is designed to prepare our students for these roles by requiring a number of courses in the various fields of civil engineering and by providing limited specialization in one given area. The curriculum is designed to encourage lifelong learning and to prepare students for undertaking advanced studies in engineering or in other professional areas.

Undergraduate Educational Objectives
1. The Department will provide undergraduate students with the strong technical education needed for a career in civil engineering.
2. The Department will provide undergraduate students with an education that prepares them to perform effectively in the workplace with the communication skills needed to deal with coworkers, clients, and the public.
3. The Department will provide undergraduate students with an education that allows them to understand the societal implications of engineering decisions and designs in both a local and global context and the ethical training to evaluate those implications.
4. The Department will provide undergraduate students with an education that promotes the full and continuing development of their potential as engineers and effective members of society.

Concentrations
In addition to designated common coursework in engineering mechanics, civil, and environmental engineering, students undertake a concentration of 9 hours of coursework plus a 3-hour capstone design course.

Departmental Policies
In addition to the College’s graduation requirements, the Department has the following policies:
1. Advising is mandatory prior to each term.
2. Exit interviews are a graduation requirement for all students;
3. Only 2 “D” grades in engineering courses may be used to fulfill graduation requirements.
4. Students are strongly advised to take the Fundamental Exam (F.E.)

Four-Year Curriculum - Civil Engineering
Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to their intended department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all of the other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
Humanities Courses (6)
Social Science Courses (6)
Humanities or Social Sciences (3)

Mathematics:
USF C/C
MAC 2281 MAC 2311* (4)
MAC 2282 MAC 2312* (4)
MAC 2283 MAC 2313* (4)
MAP 2302 MAP 2302 (3)
*or MAC 2281, MAC 2282, MAC 2283
Natural Sciences:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>USF C/C</td>
<td></td>
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<tr>
<td>CHM 2045</td>
<td>(3)</td>
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<tr>
<td>CHM 2045L</td>
<td>(1)</td>
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<tr>
<td>PHY 2048</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 2048L</td>
<td>(1)</td>
</tr>
<tr>
<td>PHY 2049</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 2049L</td>
<td>(1)</td>
</tr>
</tbody>
</table>

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university, as well as the qualitative standards required.

Civil and Environmental Engineering Admissions Requirements

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MAC 2281 Engineering Calculus I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CHM 2045 General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHM 2045L General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>EGN 3000 Foundations of Engineering</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>15</td>
</tr>
<tr>
<td>II</td>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MAC 2282 Engineering Calculus II</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CHM 2046 General Chemistry II</td>
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<tr>
<td></td>
<td>PHY 2048 General Physics I</td>
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</tr>
<tr>
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<td>PHY 2048L General Physics I Lab</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>EGS 1113 Introduction to Design Graphics</td>
<td>3</td>
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<tr>
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<td>Total</td>
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</tr>
<tr>
<td>Summer</td>
<td>ALAMEA Perspective Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Historical Perspective Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3613C Engineering Economy I</td>
<td>3</td>
</tr>
<tr>
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<tr>
<td>III</td>
<td>PHY 2049 General Physics II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHY 2049L General Physics II Lab</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>MAG 2283 Engineering Calculus III</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>EGN 3311 Statics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Historical Perspectives Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENC 3211 Communication for Engineers (6A L&amp;W)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
</tr>
<tr>
<td>IV</td>
<td>MAP 2302 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3321 Dynamics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3343 Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3443 Engineering Statistics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3365 Materials I</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and a Capstone Design Course indicated as MW/MI.

Civil Engineering Concentration AND CAPSTONE DESIGN Requirements

The following is a list of possible concentration electives that students may take. It is important that students adhere to prerequisites and corequisites in choosing their electives.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE 4034 Construction Management</td>
<td>3</td>
</tr>
<tr>
<td>CEG 4012 Geotechnical Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CES 4605 Concepts of Steel Design</td>
<td>3</td>
</tr>
<tr>
<td>CGN 4702 Concepts of Concrete Design</td>
<td>3</td>
</tr>
<tr>
<td>CCE 4851 Concrete Construction Materials</td>
<td>3</td>
</tr>
<tr>
<td>CGN 4933 Transportation and Society</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4103 Water Resources I</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4541 Water Resources II</td>
<td>3</td>
</tr>
<tr>
<td>ENV 4417 Water Quality &amp; Treatment</td>
<td>3</td>
</tr>
<tr>
<td>TTE 4005 Transportation Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>Sample tracks for Specialization Areas</td>
<td></td>
</tr>
</tbody>
</table>

Water Resources/Environmental Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWR 4103 Water Resources I</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4541 Water Resources II</td>
<td>3</td>
</tr>
<tr>
<td>ENV 4417 Water Quality and Treatment</td>
<td>3</td>
</tr>
<tr>
<td>CEG 4012 Geotechnical Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4812 Capstone Water Resources/ Environmental Design</td>
<td>3</td>
</tr>
</tbody>
</table>
The Computer Science program focuses on the theory of computation and computer organization. Additional courses in programming languages, algorithms, software engineering, and a wide range of electives supplement the core coverage of hardware and software.

The Information Systems program combines a basic coverage of hardware and software with a core of business related courses and additional course work in areas such as networks and database. The emphasis in this program is on the application of computing.

Graduates from these programs follow fruitful careers developing either scientific or business applications of computers, as well as in the design of computer systems. They are often involved in the systems level definition of information processing complexes for both manufacturers of computers and for users. A wide and expanding variety of design and applications opportunities characterize this field. The rapid growth and continual change within this field makes it essential for students to acquire a broad foundation in applied mathematics and the physical sciences, and to develop communication skills and to become familiar with the domains of potential computer applications. The Humanities and Social Sciences. Research and development opportunities as a computer scientist and engineer, often following graduate education, are present in the areas of computer architecture and VSLI design, artificial intelligence, software engineering, digital data communications, software testing, robotics, database, networks, user interface, fault-tolerant computing and testing, computer graphics, image processing and computer vision, and simulation.

Mission Statement
In keeping with the mission of the College of Engineering, the Computer Science & Engineering Department strives for excellence in teaching, research, and public service. Specifically the Department aspires to:
1. Lead the advancement of computer science through internationally recognized research and graduate education, as well as technology transfer to regional industries;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research into the curriculum;
4. Foster the development of problem solving and communication skills as an integral component of the profession;
5. Provide quality learning experiences through small classes, active learning styles of teaching, and opportunities for meaningful interactions between students and faculty.

Objectives
The Computer Science & Engineering Department has established the following goals for graduates of our program:
1. Our graduates will be equipped with the knowledge and skills necessary to allow immediate employment as computer science and engineering professionals or to secure admission to graduate programs.
2. Our graduates will be prepared to function ethically and responsibly as full participants in our profession and our society.
3. Our graduates will have a thorough knowledge of the basic principles and practices of computing grounded upon the solid foundation of the principles of mathematics and science.
4. Our computer engineering graduates will have a thorough knowledge of the basic principles and practices of engineering based upon a solid foundation of mathematics and science and an ability to apply these principles in the computing domain.
5. Using their knowledge of basic computing principles, our computer science graduates will have acquired a knowledge of major areas of application of those fundamentals.
6. Our information systems graduates will combine a thorough knowledge of basic business principles with the core principles of computing to achieve an understanding of applications at the convergence of these domains.

Departmental Policies
In addition to the College’s graduation requirements, the department has the following policies:
1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
3. In addition to the College’s graduation requirements, the department has the policy of not accepting any D grade in department courses.

Four-Year Curriculum in Computer Science

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP XXXX*</td>
<td>3</td>
</tr>
<tr>
<td>MAC X311</td>
<td>4</td>
</tr>
<tr>
<td>MAC X312</td>
<td>4</td>
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<tr>
<td>PHY X048/X048L</td>
<td>4</td>
</tr>
<tr>
<td>PHY X049/X049L</td>
<td>4</td>
</tr>
<tr>
<td>or PHY X049C</td>
<td>4</td>
</tr>
</tbody>
</table>

*Introductory Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:

XXX XXXXX** 6

**Two (2) science courses for science majors.

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Computer Science Admissions Requirements

Transfer students must have completed the equivalent USF Composition I & II, Engineering Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses to be admitted to the department. Continuation in the major requires successful completion of COP 2510, CDA 3103 and COP 3514 with the required grades.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>MAC 2281 Engineering Calculus I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>EGN 3000 Foundations of Engineering</td>
<td>1</td>
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<tr>
<td></td>
<td>Science Elective</td>
<td>3</td>
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<tr>
<td></td>
<td>Social Science Elective</td>
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<table>
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<tr>
<th>Semester II</th>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MAC 2282 Engineering Calculus II</td>
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<tr>
<td></td>
<td>PHY 2048 General Physics I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHY 2048L General Physics I Lab</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Historical Perspectives Elect</td>
<td>3</td>
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<tr>
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<td>Total</td>
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</table>

<table>
<thead>
<tr>
<th>Semester III</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAC 2283 Engineering Calculus III</td>
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</tr>
<tr>
<td></td>
<td>PHY 2049 General Physics II</td>
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<td>PHY 2049L General Physics II Lab</td>
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<tr>
<td></td>
<td>COP 2510 Programming Concepts</td>
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<td></td>
<td>Science Elective</td>
<td>3</td>
</tr>
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<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester IV</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CDA 3103 Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COT 3100 Intro Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COP 3514 Program Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Historical Perspectives Elect</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester V</th>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>CDA 4205 Computer Architecture</td>
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<tr>
<td></td>
<td>COP 4600 Operating Systems</td>
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<tr>
<td></td>
<td>COT 4400 Analysis of Algorithms</td>
<td>3</td>
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<tr>
<td></td>
<td>STA 4442 Introduction to Probability</td>
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<td>Social Science Elective</td>
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<table>
<thead>
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<th>Semester VI</th>
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<tbody>
<tr>
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<td>CSE Theory Elective</td>
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<tr>
<td></td>
<td>CSE Software Elective</td>
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<tr>
<td></td>
<td>CSE Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENC 3211 Communication for Engineers</td>
<td>3</td>
</tr>
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<td></td>
<td>Total</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester VII</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fine Arts Elective</td>
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</tr>
<tr>
<td></td>
<td>ALAMEA Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSE Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester VIII</th>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>CIS 4250 Ethical Issues (6A MW/MI)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Upper Level Humanities, Social Science or Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSE Elective</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
</tr>
</tbody>
</table>

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.
Four-Year Curriculum in Computer Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:
ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- CHM 2045 C/C
- CHM 2045L CHM 1045* (3)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Computer Engineering Admissions Requirements
Transfer students must have completed the equivalent USF Composition I & II, Engineering Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses to be admitted to the department. Continuation in the major requires successful completion of COP 2510, CDA3103 and COP3514 with the required grades.

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

| Semester I | MAC 2281 | Engineering Calculus I | 4 |
|            | ENC 1101 | Composition I | 3 |
|            | EGN 3000 | Foundations of Engineering | 1 |
|            | CHM 2045 | General Chemistry I | 3 |

| Semester II | MAC 2282 | Engineering Calculus II | 4 |
|            | ENC 1102 | Composition II | 3 |
|            | PHY 2048 | General Physics I | 3 |
|            | PHY 2048L | General Physics I Lab | 1 |
|            | Historical Perspectives Elective | 3 |
|            | Total | 15 |

| Semester III | MAC 2283 | Engineering Calculus III | 4 |
|              | PHY 2049 | General Physics II | 3 |
|              | PHY 2049L | General Physics II Lab | 1 |
|              | COP 2510 | Programming Concepts | 3 |
|              | EGN 3613 | Engineering Economy | 3 |
|              | Total | 14 |

| Semester IV | CDA 3103 | Computer Organization | 3 |
|            | COT 3100 | Intro Discrete Structures | 3 |
|            | COP 3514 | Program Design | 3 |
|            | Historical Perspectives Elective | 3 |
|            | MAP 2302 | Differential Equations | 3 |
|            | Total | 15 |

| Summer Semester | CDA 3201 | Logic Design | 3 |
|                 | CDA 3201L | Logic Design Lab | 1 |
|                 | EEL 4851 | Data Structures | 3 |
|                 | EGN 4450 | Linear Systems | 3 |
|                 | Total | 9 |

| Semester V | CDA 4205 | Computer Architecture | 3 |
|            | COP 4600 | Operating Systems | 3 |
|            | EEL 3420 | Electronic Materials | 3 |
|            | EGN 3373 | Electrical Systems I | 3 |
|            | CSE Theory Elective | 3 |
|            | Total | 15 |

| Semester VI | CSE Elective | 3 |
|            | Social Science Elective | 3 |
|            | Science Elective | 3 |
|            | CSE Hardware Elective | 7 |
|            | Total | 16 |

| Semester VII | CSE Elective | 3 |
|              | EGN 3443 | Engineering Statistics | 3 |
|              | ALAMEA Elective | 3 |
|              | Fine Arts Elective | 3 |
|              | Total | 15 |

| Semester VIII | CIS 4910 | Senior Project | 2 |
|               | CIS 4250 | Ethical Issues (6A MW/MI) | 3 |
|               | ENC 3211 | Communication For Engineers (6A L&W) | 3 |
|               | CSE Elective | 7 |
|               | Total | 15 |

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.
Four-Year Curriculum in Information Systems

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

COP XXXX* 3
MAC X311 4
MAC X312 4
PHY X048/X048L 4
PHY X049/X049L 4
or
PHY X049C 4

*Programming in Ada, C, C++, or PASCAL or equivalent language.

Natural Sciences:
XXX XXXX** 6

**Two (2) science courses for science majors.

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Information Systems Admissions Requirements

Transfer students must have completed the equivalent USF Composition I & II, Engineering Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses to be admitted to the department. Continuation in the major requires successful completion of COP 2510, CDA 3103 and COP 3514 with the required grades.

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

Semester I
MAC 2281/2241 Calculus I 4
ENC 1101 Composition I 3
Science Elective 3
Social Science Elective 3
Total 13

Semester II
MAC 2282/2242 Calculus II 4
ENC 1102 Composition II 3
PHY 2048/2053 Physics I 3
PHY 2048L/2053L Physics I Lab 1
Historical Perspective Elective 3
Total 14

Semester III
AGC 2021 Accounting I 3
COP 2510 Programming Concepts 3
EGN 4450 Linear Systems 2
PHY 2049/2054 Physics II 3
PHY 2049L/2054L Physics II Lab 1
ECO 2013 Macroeconomics 3
Total 15

Semester IV
CDA 3103 Computer Organization 3
COT 3100 Intro Discrete Structures 3
COP 3514 Program Design 3
Social Science Elective 3
Historical Perspectives Elective 3
Total 15

Summer Semester
ECO 2023 Microeconomics 3
EEL 4851 Data Structures 3
Fine Arts Elective 3
Total 9

Semester V
STA 2023 Intro to Statistics 3
COP 4600 Operating Systems 3
CEN 4020 Software Engineering 3
MAN 3025 Principles of Management 3
CSE Theory Elective 3
Total 15

Semester VI
CEN 4022 Software System Development 3
EGN 4613 Computer Organization 3
Science Elective 3
CSE Software Elective 3
CSE Elective 3
Total 15

Semester VII
ALAMEA Elective 3
CSE Software Elective 6
CSE Elective 3
Total 12

Semester VIII
ENC 3211 Communication for Engineers 3
CIS 4250 Ethical Issues (6A MW/MI) 3
CSE Electives 6
Total 12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 and CIS4250 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC3211 and CIS4250.
ELECTRICAL ENGINEERING

Undergraduate Degree Offered:
Bachelor of Science in Electrical Engineering (B.S.E.E.)

Graduate Degrees Offered:
Master of Science in Electrical Engineering (M.S.E.E.)
Master of Engineering (M.E.)
Master of Science in Engineering (M.S.E.)
Master of Science in Engineering Science (M.S.E.S.)
Doctor of Philosophy in Electrical Engineering (Ph.D.)
Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers study in all areas fundamental to Electrical Engineering and the electrical sciences: circuit analysis, design, electronics, communications, electromagnetics, controls, solid state, system analysis, digital circuit design and microelectromechanical systems (MEMS). Basic concepts are augmented with well-equipped laboratories in circuits, electronics, digital systems, microwave techniques, wireless circuits & systems, and controls and communications. In addition, a general-purpose computer facility, a microprocessor and digital signal processing laboratory, and a microelectronics fabrication, design/test and metrology laboratory are available to undergraduate and graduate students.

Mission Statement
The mission of the Electrical Engineering Department at the University of South Florida is to provide internationally recognized educational programs; to conduct and disseminate internationally recognized research benefiting humanity; to provide service to society; and to emphasize the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which engineering is practiced.

Objectives
The Department objectives are to produce graduates:
1. with the knowledge and skills necessary to practice Electrical Engineering successfully.
2. who can pursue advanced topics through graduate or professional studies.

Students pursuing the Bachelor of Science in the Electrical Engineering program take designated coursework in network analysis, electronics, communications, electromagnetic theory, control systems, microelectronics and microprocessors. This coursework is supplemented by electives in many specialized areas of electrical engineering.

Students completing this program normally pursue industrial careers in electronics, communications, power and controls, digital systems, microelectronics, and information systems. The electrical graduate may apply his/her knowledge to such diverse areas as wireless and satellite communications, remote guidance, MEMS, sensing technology, systems integration, automation, computer and information systems, electronic power generation and transmission, electrically propelled transportation, etc. The graduate may do this by performing needed engineering functions related to research and development (often requires an advanced degree), design, production, operation, sales, or management of these products/services.

Departmental Policies
In addition to the College’s graduation requirement, the department has the following policies:
1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
3. Students must pass all required BSEE courses, except humanities and social sciences, with a grade of "C" or better.

Electrical Engineering Admissions Requirements
Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have an overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

Semester I

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENC 1101</td>
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<tr>
<td>MAC 2281</td>
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<tr>
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<td>Fine Arts Elective</td>
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<tr>
<td>EGN 2082</td>
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Total: 16

Four-Year Curriculum in Electrical Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*N or MAC 2281, MAC 2282, MAC 2283

Natural Sciences:
- USF C/C
- CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.
| Semester II | ENC 1102 | Composition II | 3 |
| MAC 2282 | Engineering Calculus II | 4 |
| PHY 2048 | Physics I | 3 |
| PHY 2048L | Physics Lab I | 1 |
| CHM 2045 | Chemistry I | 3 |
| CHM 2045L | Chemistry Lab I | 1 |
| EGN 3000 | Foundations of Engineering | 1 |
| Total | 16 |

| Semester III | MAC 2283 | Engineering Calculus III | 4 |
| PHY 2049 | Physics II | 3 |
| PHY 2049L | Physics Lab II | 1 |
| EGN 3443 | Engineering Statistics | 3 |
| EGN 3613 | Engineering Economy I | 3 |
| Total | 14 |

| Summer Term | EGN 2031 | History of Technology | 3 |
| EEL 3420 | Engineering Analysis | 3 |
| EGN 3373 | Electrical Systems I | 3 |
| EEL 2161 | EE Computing Methods | 3 |
| EEL 3420 | Electronic Materials | 3 |
| Total | 15 |

| Semester IV | MAP 2302 | Differential Equations | 3 |
| EGN 3420 | Engineering Analysis | 3 |
| EGN 3373 | Electrical Systems I | 3 |
| EEL 2161 | EE Computing Methods | 3 |
| EEL 3420 | Electronic Materials | 3 |
| Total | 15 |

| Semester V | EEL 3100 | Network Analysis | 3 |
| EEL 4705 | Logic Design | 3 |
| EEL 4705L | Logic Lab | 1 |
| EEL 3301L | Lab I (Circuits) | 1 |
| EEL 4471 | Electromagnetics | 3 |
| EEL 4351C | Semiconductor Devices | 3 |
| Total | 9 |

| Semester VI | EEL 4102 | Linear Systems Analysis | 3 |
| EEL 3375 | Indus. Mach. & Power Applications | 3 |
| EEL 4744 | Microprocessors | 4 |
| EEL 4743L | Microprocessor Lab | 1 |
| EEL 3302 | Electronics I | 3 |
| ELR 4316 | Wireless Circuits & Systems Lab | 2 |
| Total | 15 |

| Semester VII | EEL 4906 | Prof. Issues & Eng. Design (MW/MI) | 3 |
| EEL 3302L | EE Lab II (Electronics) | 1 |
| EEL 4657 | Linear Control Systems | 3 |
| EEL XXXX | Controls Lab | 1 |
| EEL 4301 | Electronics II | 3 |
| EEL 4512C | Communication Systems | 3 |
| Total | 14 |

| Semester VIII | EEL 4914 | EE Design Project | 3 |
| Social Science Elective | 3 |
| Tech Elective* | 3 |
| Tech Elective* | 3 |
| ALAMEA | 3 |
| Total | 15 |

*Some electives with lab components will incur a lab fee.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EEL 4906.

- **INDUSTRIAL AND MANAGEMENT SYSTEMS ENGINEERING**

  Undergraduate Degree Offered:
  - Bachelor of Science in Industrial Engineering (B.S.I.E.)

  Graduate Degrees Offered:
  - Master of Science in Industrial Engineering (M.S.I.E.)
  - Master of Engineering (M.E.)
  - Master of Science in Engineering Science (M.S.E.S.)
  - Master of Science in Engineering Management (M.S.E.M)
  - Master of Industrial Engineering (M.I.E.)
  - Doctor of Philosophy in Industrial Engineering (Ph.D.)
  - Doctor of Philosophy in Engineering Science (Ph.D.)

  This department offers study pertinent to the design, evaluation and operation of a variety of industrial systems, ranging from the analysis of public systems to the operation of manufacturing plants. Topics include production planning and control, production and plant design, applied statistics, operations research, human factors and productivity, manufacturing, and automation. The department has excellent laboratory facilities that support class projects and research in microcomputer applications, computer-aided manufacturing, human performance, automation, and applications of robotics. Evening and off-campus programs are available through the Master of Science in Engineering Management (M.S.E.M.) program. The department also administers the manufacturing option in the M.S.E. program.

  Mission Statement
  The Department of Industrial Management Systems Engineering is committed to strong and innovative educational and research programs, economic development, and community initiatives. Our efforts are focused on attracting high-potential students and teaching them to think critically and to communicate effectively. The IMSE department strives for a cutting edge, internationally recognized research program. Our curriculum educates students to work successfully in the global environment and to pursue advanced studies.

  Objectives
  The objectives of the Department are to:
  1. Attract and recruit high quality students;
  2. Educate, motivate and serve students with the ultimate goal of preparing them for their professional careers;
  3. Engage in an agile and interdisciplinary research program deserving of international recognition that creates significant broader impact in the areas of technology transfer and development of leaders in engineering;
  4. Recruit and mentor a diverse faculty with interdisciplinary interests;
  5. Develop strong and internationally recognized academic programs in Industrial Engineering and Engineering Management;
  6. Engage the alumni in the growth and development of the department;
  7. Take a leadership role in providing service to the profession, industry, and society at large.

  Departmental Policies
  In addition to the College’s graduation requirement, the department has the following policies:
  1. Mandatory academic advising of students for each term.
  2. Exit interviews as a graduation requirements.
  3. All graduating seniors must take the Fundamentals of Engineering Examination.
Four-Year Curriculum in Industrial and Management Systems Engineering

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:
- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:
- USF MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

Natural Sciences:
- USF CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)

*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Industrial Engineering Admissions Requirements

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

Semester I
- CHM 2041 Chemistry I 3
- CHM 2045L Chemistry I Lab 1
- EGN 3000 Foundations of Engineering 1
- ENC 1101 Composition I 3
- MAC 2281 Engineering Calculus I 4

Semester II
- CHM 2042 Chemistry II 3
- EGN 2031 History of Technology (or Historical Perspectives elective) 3
- ENC 1102 Composition II 3
- MAC 2282 Engineering Calculus II 4
- PHY 2048 Physics I 3
- PHY 2048L Physics I Lab 1

Semester III
- EGN 3443 Engineering Statistics 3
- MAC 2283 Engineering Calculus III 4
- PHY 2049 Physics II 3
- PHY 2049L Physics II Lab 1
- Historical Perspectives 3

Semester IV
- EGN 3311 Statics 3
- EGN 3373 Electrical Systems Engineering I 3
- EGN 4450 Linear Systems 2
- MAP 2302 Differential Equations 3
- Fine Arts Elective 3

Summer Term
- EGN 1113 Engineering Graphics 3
- EGN 3613 Engineering Economy I 3
- ALAMEA Elective 3

Semester V
- COP 2510 Programming Concepts 3
- EGN 4333 Materials Engineering I 3
- EIN 4323 Work Analysis 3
- EIN 4411 Manufacturing Processes 3
- ESI 4312 Deterministic OR 3

Semester VI
- EGN 3343 Thermodynamics 3
- EIN 4333 Production Control 3
- ESI 4221 Industrial Statistics/Quality Control 3
- ESI 4313 Probabilistic OR 3
- Tech Elective Engineering Science 3

Semester VII
- EIN 4364C Facilities Design I (MW/MI) 3
- EIN 4933 Management Cost 3
- ESI 4244 Design of Experiments 3
- ESI 4523 Industrial Systems Simulation 3
- Tech Elective Industrial Engineering 2

Semester VIII
- EIN 4313C Human Factors (6A) 3
- EIN 4365 Facilities Design II 3
- EIN 4601 Automation/Robotics 3
- ENC 3211 Communication for Engineers (6A L&W) 3
- Social Science Elective 3

Social Science Elective 3

Total 15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and EIN 4313 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EIN 4364.
The Mission Statement
The Mission of the Mechanical Engineering Department is:

- to provide a quality undergraduate and graduate education for students entering the mechanical engineering profession or seeking careers in related fields;
- to advance scientific knowledge through basic and applied research;
- to disseminate technical information through scholarly publication, conferences and continuing education;
- to advance the profession through service within the associated societies and;
- to promote activities which serve global development.

Objectives
The Objectives of the Undergraduate Program in Mechanical Engineering are:

A. to teach students to understand and to apply concepts of basic science, mathematics, computation, and engineering science essential to professional practice;

B. to train students in the design of experiments and testing of systems, in proper instrumentation methods, in the techniques of modern data acquisition and in methods of data interpretation;

C. to develop skills essential to the design process, including problem formulation, synthesis, analysis, construction, testing and evaluation;

D. to develop skills necessary for effective professional interaction including multi-disciplinary collaboration and successful oral and written communication;

E. to encourage an understanding of technology within a global and societal context, the need for continued professional development, the importance of professional responsibility and the ethics of professional practice.

Departmental Policies
In addition to the College’s graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term, and;
2. Exit interviews as a graduation requirement.
3. Students are strongly encouraged to take the FE Exam.

Four-Year Curriculum in Mechanical Engineering
Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students transferring to the University from a Florida Community College must complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students transferring from a Florida Community College must meet the university’s entering freshman requirements otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

- ENC 1101/1102 English I and II (6)

Humanities & Social Sciences:
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

Mathematics:

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Natural Sciences:

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<td>*or CHS 1440 Chemistry for Engineers</td>
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Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

**Mechanical Engineering Admissions Requirements**

Students entering the Mechanical Engineering department must have completed the equivalent USF Engineering Calculus sequence, one year equivalent USF General Physics and one semester equivalent USF General Chemistry with a minimum of 2.3 GPA; and must have an overall and USF GPA of 2.0 or better.

**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

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<th>Semester I</th>
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<tr>
<td>ENC 1101 Composition I</td>
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<tr>
<td>MAC 2281 Engineering Calculus I</td>
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<tr>
<td>CHM 2045 General Chemistry I</td>
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<td>EGS 1113 Intro. to Design Graphics</td>
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<td>PHY 2048 General Physics I</td>
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<td>PHY 2049 General Physics II</td>
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<td>EGN 3311 Statics</td>
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<td>ECO 1000 Basic Economics</td>
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<td>EGN 3373 Electrical Systems I</td>
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<td>MAP 2302 Differential Equations</td>
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<td>EGN 3343 Thermodynamics I</td>
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<td>EML 3500 Mechanics of Solids</td>
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<td>EML 3701 Fluid Systems</td>
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<td>EML 3762 Kinetics and Dynamics of Machinery</td>
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<td>ENC 3211 Communication for Engineers (6A L&amp;W)</td>
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<td>EML 3303 Mechanical Engineering Lab I</td>
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<td>EML 4142 Heat Transfer</td>
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<td>EML 4325 Mechanical Manufacturing Processes</td>
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<td>EML 4220 Vibrations</td>
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<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester VIII</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 4312 Mechanical Controls</td>
<td>3</td>
</tr>
<tr>
<td>EML 4551 Capstone Design (MW/MI)</td>
<td>3</td>
</tr>
<tr>
<td>XXX XXXX Approved Technical/Design/Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXX XXXX Approved Technical/Design/Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
</tr>
</tbody>
</table>

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and by selecting one technical or general education elective that is an approved 6A communication course or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature & Writing (L&W) are fully met through ENC 3211 and EML 4551.

**ENGINEERING FACULTY**

**Chemical Engineering**


**Civil and Environmental Engineering**


**Computer Science and Engineering**

**Electrical Engineering**  

**Industrial and Management Systems**  

**Mechanical Engineering**  
The Louis de la Parte Florida Mental Health Institute’s mission is to strengthen services for persons with behavioral health disorders (including mental, addictive and developmental disorders) in the State of Florida through research, training, and education (Florida Statute 240.514).

The Institute’s programs are conducted by three departments: Aging and Mental Health, Child and Family Studies and Mental Health Law and Policy. The Institute conducts a broad range of applied research, training, and dissemination activities related to the planning, development, delivery, and evaluation of behavioral health services. The Institute’s training and consultation activities are provided for a variety of audiences including behavioral health and health care professionals, the Florida legislature, administrators, policy makers, planners, consumers, students, and the public.

The Institute provides continuing education opportunities for behavioral health and health professionals and is approved by the following professional organizations to offer continuing education credits: American Psychological Association, Board of Clinical Social Work, Marriage and Family Therapy, Mental Health Counseling, Florida Board of Nursing, and the Florida Certification Board. The Institute also provides continuing education credits to professional groups such as physicians, attorneys and behavior analysts through the following organizations: USF Continuing Professional Education, the Florida Bar Association and the Behavior Analyst Certification Board.

The Institute offers undergraduate and graduate students research assistantships. Students may earn academic credit for independent research performed at the Institute in conjunction with USF courses. Institute faculty teach credit courses in degree-granting programs in cooperation with other USF colleges and offer certificate courses in planning, evaluation and accountability. The Institute also offers an undergraduate minor in behavioral healthcare and a graduate focus in behavioral health in conjunction with the College of Public Health.

The Institute’s pre-doctoral internship program for psychologists is approved by the American Psychological Association.

Minor in Behavioral Healthcare

Behavioral health problems, like mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientifically based treatment approaches are available to treat and prevent many of these behavioral health problems. Students will be exposed to these treatment approaches as well as to issues in the organization, financing, delivery, and outcomes of behavioral health services. The emphasis of the curricula is on practices that have been scientifically validated and their delivery within the context of current funding, policies and trends. This area of academic concentration is offered as an Undergraduate Minor by the USF Louis de la Parte Florida Mental Health Institute, a college of the university.

This Minor in Behavioral Healthcare is available to students interested in pursuing a career in the broad field of behavioral health in conjunction with any undergraduate major. It should be particularly beneficial to persons majoring in such disciplines as psychology, social work, gerontology, premed, criminology, nursing, and sociology.

A GPA of 2.0, or better, in this minor is required for certification. At least nine (9) of the credit hours must be taken at USF. A Behavioral Healthcare advisor will be available to advise students on a course of study and to coordinate a student’s minor with related majors.

A Minor in Behavioral Healthcare consists of a minimum of fifteen (15) credit hours comprised of the following courses:

**Required Courses:**
- MHS 3411 Multidisciplinary Behavioral Healthcare Services 3
- MHS 4002 Behavioral Health Systems Delivery 3
- MHS 4407 Exemplary Treatment Practices 3
- MHS 4829 Field Experience in Behavioral Healthcare* 3

**Electives (minimum of 3 credit hours required):**
- MHS 4930 Clinical Case Management in Community Care 3
- MHS 4931 Selected Topics in Behavioral Healthcare 3-4
- MHS 4937 Directed Studies 1-4

*A student completing a field placement in Psychology, Social Work, or other of the human services may be exempted (by the advisor) from the “Field Experience in Behavioral Healthcare” and may substitute an elective from the above list. Enrollment in MHS 4820 requires prior College approval.

A concentration in Behavioral Healthcare for the Bachelor’s of Science in Applied Science degree program requires eighteen (18) credits from the courses listed above. Please see the BSAS listings for particulars.
Although the College of Marine Science does not offer an undergraduate degree, graduate courses in the college are open to advanced undergraduates in other natural science disciplines. In addition, the college has recently increased the number of courses specifically geared for undergraduates; consult the Schedule of Classes for course titles currently being offered. Some Marine Science courses are available on all campuses by means of distance learning.

The College of Marine Science (CMS) at the University of South Florida offers M.S. and Ph.D. degrees in Marine Science. The student may emphasize biological, chemical, geological, or physical oceanography, or develop an interdisciplinary program in Oceanography through course work and thesis or dissertation research. More than 100 students are currently pursuing degrees under the direction of 30 full-time faculty. Study areas range from estuarine and near-shore systems to remote areas of the Pacific, Atlantic and Indian Oceans, as well as the Arctic and Antarctic. Additional information on faculty research and facilities is available at the CMS web site (http://www.marine.usf.edu) and from the college upon request.

The college’s location on St. Petersburg’s Bayboro Campus allows immediate access to Tampa Bay and the Gulf of Mexico. Bayboro Harbor is home port to the R/V Bells (71 ft.) and the R/V Suncoaster (110 ft.). These vessels are operated by the Florida Institute of Oceanography (FIO) for the entire State University System. One of the college’s principal buildings is shared with FIO and is adjacent to the Florida Marine Research Institute (FMRI), the research arm of the Florida Fish and Wildlife Conservation Commission. A newly occupied research building is shared by CMS and FMRI and houses a remote-sensing, satellite data-acquisition center. The U.S. Geological Survey (USGS) center for Coastal Geology and Regional Studies, the office of the Tampa Bay National Estuary Program, FMRI, and the College of Marine Science are all located on the Bayboro Campus. Consequently, St. Petersburg is home to one of the largest concentrations of marine scientists in the southeastern United States; many of these scientists serve on advisory committees of CMS graduate students.

Marine Science Faculty
The College of Nursing is committed to the advancement of nursing and the promotion of health care through its education, research and service endeavors. To fulfill its commitment to nursing education, the college offers an upper division program that leads to a Bachelor of Science degree with a major in nursing.

Mission
The mission of the College of Nursing is congruent with the mission of the University of South Florida. The College is dedicated to being the premier institution for those striving to achieve leadership in nursing. The mission is (1) to provide excellent nursing education, (2) to advance the profession through research, and (3) to contribute to society through practice and service.

Philosophy
The College of Nursing is committed to improving the health and well-being of all people by anticipating and responding to changing professional, social, technical and economic demands. Nurses address professional and community needs by assuming multiple collaborative and cooperative relationships and roles.

Nursing is a humanistic profession that enhances the quality of life by promoting health, preventing illness, supporting rehabilitation following illness, and providing care for persons at the end of life. All individuals are entitled to health care and the right to participate in making health care decisions.

Nursing is a continually evolving discipline with a unique body of knowledge. Nursing knowledge is advanced through the application of critical thinking, the development and testing of theories, and the conduct and utilization of nursing research.

Intellectual growth and professional autonomy are fostered through the continuum of educational programs in nursing. The Bachelor of Science degree offers an upper division program that prepares students to enter professional practice and provides a foundation for graduate education. The Master's Program prepares students for advanced specialty practice, nursing education, and leadership. The Doctoral Program prepares nurse scientists to advance the discipline of nursing through the development and dissemination of knowledge.

The College strives to provide opportunities for students and faculty to engage in common inquiry into the values of society and give them an understanding of the need to accept and appreciate differences among people. Diverse and pluralistic learning communities foster culturally competent and sensitive practice. The College supports community, national and international partnerships in practice, education, and research to enhance the health of all people.

Education is a dynamic, interdependent and collaborative process that occurs through the interaction of faculty and students in a wide variety of learning environments. Faculty design learning environments and resources that employ diverse educational strategies and technologies. Various instructional methods, including web and video conference courses, provide educational access for a geographically dispersed student body. Learning is a life-long process. Students are active and engaged participants in the teaching/learning process that involves the continuous development and refinement of critical thinking.

Undergraduate Nursing Program
General Information
To fulfill its commitment to nursing education, the college offers an upper division program that leads to a Bachelor of Science degree with a major in nursing. The undergraduate program in nursing is a limited access upper division major at the University of South Florida. The program has two sequences: one for qualified basic students with no previous preparation in nursing and one for qualified registered nurse students who are graduates of an associate degree or diploma programs in nursing. For further information about programs, scholarships, financial aid, faculty, and courses, consult the College of Nursing website at http://www.hsc.usf.edu/nursing.

The program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006, (212) 363-5555 ext. 153, the Commission on Collegiate Nursing Education, One Dupont Circle, NW Suite 530, Washington, DC, 20036, (202) 887-6791, and approved by the Florida State Board of Nursing. Graduates of the basic sequence are eligible to write the qualifying examination for licensure as a registered nurse. Graduates may apply for licensure in Florida or other states and successful undergraduates have the educational background necessary for graduate study in nursing.

Undergraduate Admission to the College of Nursing
The College of Nursing encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. The College of Nursing uses selective criteria for the admission of students. Limitations on enrollments are determined on the basis of availability of sufficient qualified faculty, laboratory and classroom facilities, and clinical teaching resources.

There are two sequences in the undergraduate program, one for qualified students with no previous preparation in nursing (non-licensed students), and one for registered nurses, who are graduates of diploma or associate degree nursing programs.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

In order to be considered for full admission to the college, the applicant must:
1. Submit an application to USF by the appropriate deadline.
2. Submit a College of Nursing application and all supporting materials, including official transcripts, to the College by the appropriate deadline.
3. Complete, prior to enrollment, all state mandated common prerequisites with a grade of "C" or better.
4. Complete, prior to enrollment, all those Liberal Arts courses required for admission to the major (for non-licensed baccalaureate students only, completion by application deadline is advised).
5. Complete all courses required for admission with not more than two (2) repeated courses and not more than one (1) repeat of any given course.
6. Complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule).
7. Provide evidence of health insurance prior to enrollment.
8. Complete, prior to enrollment, the College of Nursing health form.
9. Provide evidence of current licensure in Florida if enrolling in the program as a registered nurse.

Nursing Advising
The College of Nursing Office of Student Affairs offers a comprehensive service for all College of Nursing degree programs and advice to non-majors who are interested in being admitted. The service includes Preview USF, Fantastic Friday, registration, academic advising, scholarships, graduation certification, mentorship programs, and referrals to other...
The goals of the office of Student Affairs are to:
- Help students develop their educational plans
- Help students select appropriate courses
- Help students interpret institutional requirements
- Facilitate total student development

Location/Phone(s): The Health Science Center for the College of Nursing (MDN) is located near Bruce B. Downs Blvd. and West Holly Drive on the Northwest corner of campus. The College office is in MDN, Room 1033, (813) 974-2191.

Advising Office: To schedule an advising appointment at a location where the College of Nursing offers courses call the College of Nursing Office of Student Affairs, (813) 974-9305; (888) 974-9488.

Office Hours: 8 a.m. – 5 p.m., Monday through Friday.

Program Application Requests: Applications for the nursing programs are available from USF College of Nursing, Office of Student Affairs, MDC Box 22, 12501 Bruce B. Downs Blvd., Tampa, Florida 33612-4766 and at the College of Nursing website: http://www.hsc.usf.edu/nursing.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College:
The University and the College of Nursing work closely with the community colleges within the 10 county USF service area. The University’s Liberal Arts requirements and College of Nursing’s prerequisite/support courses may be completed through the A.A. degree at the community college. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The A.A. degree satisfies admission requirements only if courses are carefully selected and include the required major prerequisite/support courses.

The College of Nursing requires certain courses within the Liberal Arts requirement for the natural, social and behavioral sciences, and mathematics as listed under the heading "Liberal Arts Requirements." Students must complete the prerequisite courses listed below prior to being admitted to the upper-division major. Students who do not complete these prerequisites can be admitted to the University, but not to the upper-division major. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

BSC X085C Human Anatomy & Physiology I or any Human Anatomy & Physiology I course, 3-4 semester hours
BSC X086C Human Anatomy & Physiology II or any Human Anatomy & Physiology II course, 3-4 semester hours
CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 semester hours
DEF X004 Human Growth & Development or any Human Growth & Development course, 3 semester hours
HUN X201 Human Nutrition or any Human Nutrition course, 3 semester hours, OR
MBB 1192
MCB X100C Microbiology or Any Microbiology course, 4 semester hours
PSY X012 Introduction to Psychology or any General Psychology course, 3 semester hours
STA X014 Statistics or any Statistics course, 3 semester hours
SYG X000 Introduction to Sociology or any Introduction to Sociology course, 3 semester hours

Liberal Arts Requirements
The College of Nursing requires certain courses within the Liberal Arts requirements for the natural, social and behavioral sciences, and mathematics. Students must complete 60 semester hours of college-level work. Credit received on the basis of CLEP or Advanced Placement examinations or other appropriate procedures may be included to meet some of these requirements. For all students, the required 60 semester hours includes completion of the University of South Florida Liberal Arts requirements and may be satisfied by the completion of the following courses with the corresponding credit:

- English: 6
- Math - Gordon Rule course: 6
- Algebra or Finite Math (preferred): 3
- Statistics: 3
- Fine Arts: 3
- Natural Science: 17-19
- Chemistry: 4
- Nutrition: 3
- Microbiology: 4
- Anatomy/Physiology: 6-8
- Social Sciences: 9
- Life Cycle: 3
- Psychology: 3
- Sociology: 3
- Historical Perspectives: 3
- Asian Perspectives: 3

Program Application Requests: Applications for the nursing programs are available from USF College of Nursing, Office of Student Affairs, MDC Box 22, 12501 Bruce B. Downs Blvd., Tampa, Florida 33612-4766 and at the College of Nursing website: http://www.hsc.usf.edu/nursing.

Preliminary Coursework for Nursing Students
The student must: 1) earn a grade of "C" or better in each state mandated common prerequisite course. 2) repeat no course more than once. 3) repeat no more than two (2) courses. Courses taken at another institution will be evaluated individually on the basis of content. Students in Florida community colleges can obtain information about equivalent courses from their counselors or by contacting the College of Nursing Office of Student Affairs (813-974-9305).

1. Mathematics/Quantitative Methods: completion of at least one course in mathematics that meets the Gordon Rule requirement and one course in statistics.

Mathematics - one Gordon Rule course must be completed. College Algebra or Finite Math preferred. CLEP subject exams are acceptable.

Statistics - one course in statistics must be completed with a grade of "C" or better. STA 2112 or any STA course

2. Natural Sciences: minimum of 16 semester credits (including anatomy, physiology, and microbiology). Each course (in "a" through "d" below) taken toward meeting the natural sciences requirement must have been completed with a grade of "C" or better. At least one course must include a laboratory or have a corequisite laboratory course.

- Chemistry - 4 semester credits. Courses should include content in 1) principles of chemistry, 2) structure of matter, 3) atomic and molecular structure, 4) states of matter, 5) chemical formulas and nomenclature, 6) solutions, 7) chemical kinetics and equilibrium, 8) theory and practice of quantitative analysis, 9) organic chemistry. *CHM 2030 (4 credits) or CHM 2045, 2045L can be met with CLEP. *Chemistry sequence for non-science majors.

- Microbiology - one course. MCB 2030C. The Regents examination in microbiology is acceptable for registered nurse students only.

- Anatomy and Physiology - 6 semester hours. The Regents examination in anatomy and physiology is acceptable for registered nurse students only.

- Nutrition - one course. HUN 2201. College of Nursing Challenge Examination or University of Florida correspondence course is acceptable.

3. Social Sciences: Each course taken toward meeting this requirement must have been completed with a "C" or better.
Psychology and Sociology - one introductory course in each area. CLEP is acceptable. Must be completed with a "C" or better.

Human Growth and Development (Life Span) - Must include birth through aging process to death. HUS 4020, DEP 4005 or DEP 3103 and GEY 3000. Must be completed with a "C" or better.

Students who enroll at USF in the lower division must meet the requirements for admission to the University and are advised by Academic Support and Achievement. These students may also wish to meet with a College of Nursing advisor. These students must also submit an application for admission to the College of Nursing for the upper division major.

Applicants for the major (the non-licensed sequence or the RN sequence) must submit applications to both the University and the College of Nursing by the appropriate deadline dates and complete the University’s Liberal Arts requirements and College of Nursing prerequisites/support courses. These can be completed on the Tampa campus by enrolling in the lower division, or at any community college, university, or college that offers equivalent courses prior to transfer to USF (see “Program of Study” information below).

**NURSING PROGRAM (NON-LICENSED)**

The non-licensed sequence is designed so that students who have completed the prerequisite/support courses can enroll in the nursing major and complete requirements for the degree in five semesters full-time study on the Tampa campus.

Non-licensed students are admitted in the Fall and Spring semesters. The deadline for application to the College is January 15 and May 1 respectively. The grade point average in all required courses determines admission. Successful students have had GPAs of 3.4 or higher. Priority will be given to individuals who have completed all prerequisites by the application deadline.

**Nursing Courses - NON-LICENSED Baccalaureate Sequence**

*Non-licensed Baccalaureate students meet the following courses in the five semester sequence:*

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3064</td>
<td>Physical Examination &amp; Assessment</td>
<td>2</td>
</tr>
<tr>
<td>NUR 3076</td>
<td>Fundamentals of Communication &amp; Psychosocial Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NUR 3114</td>
<td>Fundamentals of Nursing Practice</td>
<td>2</td>
</tr>
<tr>
<td>NUR 3114L</td>
<td>Nursing Fundamentals Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3125</td>
<td>Pathophysiology for Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester II</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3145</td>
<td>Pharmacology in Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3215</td>
<td>Medical-Surgical Nursing I</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3215L</td>
<td>Medical-Surgical Nursing I Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3525</td>
<td>Psychiatric/Mental Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3525L</td>
<td>Psychiatric/Mental Health Nursing Clinical</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester III</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3829</td>
<td>Ethical Legal Aspects of Nursing/Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4216</td>
<td>Medical-Surgical Nursing II</td>
<td>4</td>
</tr>
<tr>
<td>NUR 4216L</td>
<td>Medical-Surgical Nursing II Clinical</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester IV</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 4355</td>
<td>Child &amp; Adolescent Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4421</td>
<td>Women's Health Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NUR 4636</td>
<td>Community/Public Health: Population Focus Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4635L</td>
<td>Integrated Nursing Clinical: Community/Public Health, Children &amp; Adolescent, and Women's Health</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester V</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 4165</td>
<td>Nursing Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4838</td>
<td>Leadership and Management in Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4948L</td>
<td>Preceptorship</td>
<td>5</td>
</tr>
<tr>
<td>NUR 4948L</td>
<td>Nursing Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Students in the nursing major are required to complete upper level liberal arts exit credits. Planning with an advisor is recommended to ensure that all university graduation requirements are met.

**NURSING PROGRAM (FOR REGISTERED NURSES)**

The registered nurse sequence is designed so that registered nurses can enroll in the nursing major on a full-time or on a part-time basis. Registered nurses who enroll as full-time students may complete requirements for the bachelor’s degree in three semesters. If they enroll as part-time students, the degree requirements can be completed in six semesters.

Registered nurse students are admitted to the College each semester and may apply according to University admission deadlines. Registered nurse students desiring to transfer from other nursing programs are eligible for admission to the College on a space available basis. To be considered for transfer into the nursing major, applicants must meet University eligibility requirements. Registered nurse students are admitted to the College contingent upon completion of transcript evaluation and completion of admission requirements. For more specific information contact the College of Nursing, Office of Student Affairs for overall requirements (974-9305) or visit the College of Nursing web site at http://www.hsc.usf.edu/nursing.

Nursing Courses - Registered Nurse Sequence

Registered nurse students are required to take the following courses:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3806 Educational Transitions for RN</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3064 Physical Examination &amp; Assessment</td>
<td>2</td>
</tr>
<tr>
<td>NUR 3064L Clinical Experiences in Health Assessment - RN</td>
<td>1</td>
</tr>
<tr>
<td>NUR 3125 Pathophysiology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3145 Pharmacology in Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4636 Community/Public Health: Population Focus Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4636L Community/Public Health Nursing Clinical for the RN</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4838 Leadership and Management in Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3829 Ethical Legal Aspects Nursing/Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4165 Nursing Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to the requirements listed, the RN student must also meet all university graduation requirements as listed in the catalog.

**Conditional Admission Policy for Registered Nurses**

RN students may be admitted conditionally to the College of Nursing. Students may enroll in the appropriate sequence of selected courses while completing the prerequisite requirements. An academic advisor will assist students with selecting the courses.

**Undergraduate Program Objectives**

**Upon Graduation, Graduates Will . . .**

1. Use concepts, principles, theories, and models from the natural and social sciences; the arts and humanities; and the art and science of nursing to guide clinical practice.
2. Use critical thinking and clinical judgment as the basis for nursing practice in providing and coordinating care for individuals, families, and communities across the lifespan in health promotion, disease prevention, health restoration and rehabilitation.

3. Demonstrate understanding of the research process by integrating clinical data and research findings into nursing practice.

4. Interact with other health care professionals, clients and consumers as advocate, teacher, collaborator, communicator, manager, and professional leader to plan, provide, and evaluate essential health services for culturally diverse and vulnerable populations.

5. Examine the impact of health care policy on the health care delivery system within a variety of settings.

6. Practice within the ethical/legal parameters of professional nursing.

7. Demonstrate the potential for leadership within the profession and health care delivery system.

8. Demonstrate accountable behavior in the professional nursing role.

CLEP Examinations

In accordance with University policies, College Level Examination Program (CLEP) general and subject examinations may be taken in several areas and according to the University or community college policies related to CLEP. The CLEP general examinations apply toward the distribution requirements at USF, and successful performance results in credit for any or all of the required areas. In addition, credit may be earned for a number of College of Nursing support courses, including: English Composition ENC 1101, 1102; General Chemistry CHM 2030 or CHM 2045, 2045L. Additional information may be obtained from the Office of Evaluation and Testing, University of South Florida, (813-274-9305).

Excelsior and College of Nursing Examinations

Successful completion of the following examination(s) can be used to fulfill course requirements as designated below:

Registered nurses who are graduates of diploma programs may receive up to 26 semester general elective credits through successful completion of the Excelsior (formerly Regents) examinations in nursing.

Registered nurses who are graduates of Florida associate degree programs will receive up to 26 semester upper level credits for their previous nursing education. Registered nurse students should contact the Office of Student Affairs for advisement prior to enrollment. Graduates of other associate degree nursing programs may receive up to 26 credits after individual evaluation of their transcripts.

Registered nurse students may earn up to 6 semester credits and fulfill the college's requirement in anatomy and physiology through successful completion of the Excelsior examination in anatomy and physiology, and up to 3 credits in microbiology through successful completion of the Excelsior examination in microbiology. Excelsior examination information may be obtained from the Office of Student Affairs, College of Nursing.

Degree Requirements

Students will be certified for the Bachelor of Science degree with a major in nursing upon completion of 124 semester hours composed of Liberal Arts requirements, science support courses (natural, social/behavioral), required nursing courses, and upper level electives or exit requirements.

A minimum grade of "C" or better must be attained in each course in the major and cumulative grade point ratio of 2.0 or better must be maintained throughout the program. At least 40 semester hours must be upper level work (courses numbered 3000 or above).

ASN/MS Program

Registered nurses with an ASN degree have the option of selecting the ASN to MS degree program. Support/prerequisite courses are the same as for the ASN to BS option. Admission is through the undergraduate program. Planning with an RN advisor will determine the nursing course requirements and progress through the program. The BS application process will be followed. Contact the Office of Student Affairs for further information (813-974-9305).

Nursing Faculty

As we enter the new millennium, public health looms large at the forefront of the world’s concerns. Population pressures, environmental problems, maternal and child health care, disaster management, new emerging diseases, behavioral challenges, health care management and cost containment demand solutions from the public health professional.

To meet these challenges, the mission of the College of Public Health combines excellence in research, education, and service to lead in health promotion and disease prevention in Florida and the global community. The USF College of Public Health is one of 33 public health colleges in the nation and is fully accredited by the Council on Education for Public Health.

Undergraduate students who are seeking a career in public health can select to major in a broad range of Bachelor degree programs including engineering, business, social sciences, biological sciences, nursing, social work, pre-medicine, other allied health specialties or interdisciplinary degrees in order to be prepared for graduate work in the College. Pre-medical students seeking admission to medical school may want to consider completing a Master’s degree in public health prior to application or admission to medical schools or as an alternative to clinical degrees. Undergraduate students may consider the Undergraduate Accelerated Entry Program for Master’s degree in Public Health Education that bypasses the Bachelor’s four years for a Master’s degree.

A new Fast Track for Honor BMS, ISS and INS students is available. Students in this track may select programs within one of the College’s four departments: Community and Family Health, or Epidemiology and Biostatistics, or Environmental and Occupational Health, or Health Policy and Management. Two college-wide areas of study include Global Health and Public Health Practice (PHP). PHP requires a minimum of 3 years of health-related work experience.

The course of study and field experiences are designed to prepare health professionals with skills to develop, implement, manage and evaluate programs which focus on health, behavioral, legal, medical and economic factors. Interdisciplinary areas include the mapping and control of infectious and chronic diseases, environmental factors that affect populations, and the methods of providing care to targeted populations including those faced with geographic, financial, cultural and other access barriers. Public health is also concerned with finding cost-effective ways to keep health care costs down while assuring quality. Career opportunities are available in a variety of work settings including hospitals and ambulatory care facilities, managed care organizations, voluntary health agencies, public and private school systems, colleges and universities, local, federal and state health agencies, private industry and international health organizations.

Undergraduate students seeking careers in public health should refer to the College website: publichealth.usf.edu, or contact the College advisor: advisor@hsc.usf.edu to request the College of Public Health Career Guide. Review the broad range of professions and plan an undergraduate program that will meet the College’s admission requirements for graduate work. Learning opportunities are provided through traditional classroom methods, distance learning via satellite, web weekend programs, learning institutes, certificate and continuing education courses. The College offers undergraduate courses to prepare students for the graduate criteria required for admission. USF undergraduate courses HSA 4120 “Introduction to Public Health” and HSC 4933 “Survey of Human Disease” (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health.

PHC 4542 Stress, Health and College Life that addresses the relationship between stress, as a multi-causal concept, health and disease and the recognition and prevention of an unhealthy level of stress;

HSC 4933 Special Topics in Public Health, targets public health concerns and issues. Current Special Topics undergraduate courses include:

Health Care Market Place examines the evolution, structure, financing and provision of medical and health services.

Introduction to Water Resources Management that explores water quality, supply and the management and regulatory options for their control.

Medical Terminology whose purpose is to familiarize the basic principles and vocabulary of medical terminology.

Introduction to SAS for Public Health

Undergraduate Accelerated Entry Program for Master’s Degree in Public Health Education

The Department of Community and Family Health offers an accelerated entry program that enables qualified undergraduate students to enter the Master of Public Health (MPH) degree program with a concentration in Public Health Education following the completion of 90 semester hours of undergraduate study (usually the end of the junior year). It is recommended that students enroll in undergraduate programs related to the field of public health as noted above. The program emphasizes a multidisciplinary approach of developing strategies for the efficient utilization of health services, the adoption of self-care practices, and the promotion of healthier lifestyles. Full-time students are able to complete Master’s degree requirements in 2 to 2-1/2 years. Interested individuals are encouraged to contact a health education faculty advisor during the term in which they expect to complete 60 undergraduate semester hours.

Students seeking admission to the MPH accelerated degree program must have completed undergraduate semester hours, achieved at least a 3.0 GPA or a combined verbal and quantitative score of at least 1000 on the GRE, and satisfied the CLAST and Gordon Rule 6A-10.30 requirements. Students interested in this program or other public health graduate fields should contact the Office of Student Services at the College of Public Health for a career guide and college catalog, (813) 974-6665 or e-mail advisor@hsc.usf.edu and refer to the College Website at publichealth.usf.edu.

Fast Track for Honors BMS, ISS and INS Students

Undergraduate students in Honors programs will be eligible to apply for admission to selected graduate degree programs in public health during their senior year. This fast track format will allow eligible seniors to complete up to 20 graduate credits in public health which will count toward the Bachelor’s degree as well as a Master of Public Health (MPH) or Master of Science in Public Health (MSPH). These graduate degrees vary from 39-44 credits (excluding field experience).

Application for the Honors ISS and INS Students

Application deadline for these programs is July 1 for guaranteed consideration. Applications will be accepted during the junior year. A minimum score of 1000 on the combined Q and V of the GRE, good standing in Honors program, senior status, and 2 letters of recommendation from undergraduate faculty.
Certificate Programs

Students who have completed their bachelor’s degree may register for certificates in Disaster Management, Health Management and Leadership, Infection Control, Social Marketing, Safety Management, Violence and Injury: Prevention and Intervention, and Clinical Epidemiology.

The GRE is not required for Certificate programs. However, Certificates may have other specific requirements. Refer to the College of Public Health website: for flyers describing certificate programs.

Contact the USF Office of Graduate Certificates, (813) 974-2442 www.outreach.usf.edu/gradcerts for application forms.

Public Health Advising

Potential applicants should prepare at the undergraduate level for careers in public health. Undergraduate public health courses present a broad range of public health issues and are offered on campus and by on the web. These undergraduate courses can be selected as part of the student’s approved planned program or as electives to prepare students for graduate classes. Except for the undergraduate student selecting the Accelerated Health Education program or the Fast Track for Honor program, all applicants should have completed or be in their last semester of completing the Bachelor’s degree prior to applying to this College. All departments accept the MCAT score in lieu of the GRE for admission. The GMAT may be submitted for the Department of Health Policy and Management. Advisors in the College assist undergraduate students with career planning and selecting undergraduate coursework. For specific information, request a College of Public Health Catalog and Career Guide followed by an appointment with the College advisor.

Advising Office: The College of Public Health is located facing Bruce B. Downs Boulevard at the Northwest corner of the USF Campus near the Fletcher Avenue intersection. Advising office is in the College of Public Health (CPH) Room 1011.

Call toll free 1-888-USF-COPH or locally (813) 974-6665 for the Public Health Career Guide, a copy of the upcoming Schedule of Classes which can also be found on the web at: publichealth.usf.edu/academicaffairs/

Non-Degree Registration: Students who have completed the Bachelor’s degree may register for up to 12 hours as “non-degree” students while in the process of preparing to apply to the College. Consult publichealth.usf.edu/nondegree.html the College’s Director of Student Services, (813) 974-6665 for options, course selection and enrollment process.

Address: 13201 Bruce B. Down Blvd, Tampa, FL 33612-3805; Mailpoint - MDC 56

Office Hours: 8am–5pm, Monday through Friday. Walk-ins are welcome but an appointment is recommended.

Email: advisor@hsc.usf.edu

Web Address: publichealth.usf.edu
The Bachelor of Science in Applied Science (BSAS) has been developed by USF under certain provisions of Florida legislation to remove constraints from the transfer process, recognize past work as transferable credit to the university, and afford exciting new opportunities for A.S. degree holders to pursue and acquire a distinctive USF Bachelor’s degree.

The BSAS program is a “capstone” degree offering A.S. degree holders an efficient pathway to a Bachelor’s degree. It provides Florida A.S. transfer students with a broad educational experience and a unique academic area of concentration. The various concentrations allow students to somewhat tailor their degree to match their academic interests and career ambitions. To achieve this end, BSAS students will plan their program in ongoing consultation with an advisor who will help students design their individualized program of study.

Requirements for the Major in Bachelor of Science in Applied Science

Recommended Prerequisites (State Mandated Common Prerequisites)

This degree program is available ONLY to Associate in Science (A.S.) graduates from a Florida public community/junior college. There are no State Mandated Common Prerequisites for this degree program.

Students wishing to transfer to USF must complete the A.S. degree with an overall “C” average in all college-level courses accepted for transfer credit to USF. Students are encouraged to complete at least 18 credit hours of the General Education Requirements as part of their A.S. degree, and it is highly recommended that students select Gordon Rule communication and computation courses to fulfill these requirements while at the community college.

The A.S. degree will transfer as a complete “60 credit hour package” to USF (applicable only to the BSAS program). Technical coursework will transfer as a 42 credit hour technical block. The remaining 18 credit hours of General Education coursework from the A.S. will be matched against USF requirements to determine which courses remain outstanding for fulfillment of the university’s 36 credit hour General Education Requirement.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Community College Block Credit
(Transferred from A.S.)

- Community College General Education (Transferred from A.S.)
- USF General Education
- USF Exit Courses
- USF Area of Concentration
- USF Electives

Total BSAS Credit Hours

*Note that all BSAS Areas of Concentration are at least 18 credit hours (some require 21 credit hours).

** Elective credit hours may vary slightly, but will not require students to exceed a total of 120 credit hours for completion of the BSAS degree.

Within the 60 credit hours of USF/upper-level coursework beyond the A.S., BSAS students will also complete:

- a minimum of 48 credit hours of upper-level (3000-4000) courses
- at least 30 hours of the last 60 credit hours at USF
- CLAST requirements
- foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language)

Bachelor of Science in Applied Science (APS)

The Dean of Undergraduate Studies has overall responsibility to enhance the quality of the learning experience in undergraduate programs across all colleges and campuses of the University. The Dean supervises several units and undergraduate academic programs that are not the purview of a single school or college including the offices of Evaluation and Testing, Air Force ROTC Program, Army ROTC Program, and Navy ROTC Program and acts on recommendations from the Undergraduate Council, the Academic Regulations Committee, the Council on Academic Advising, and the Faculty Committee on Student Admissions. As the Director of Community College Relations, the Dean develops articulation agreements with community colleges, area school boards, and area high schools.

The Dean’s Office is the University Student Ombudsman for undergraduate academic matters. The function of the Student Ombudsman is to handle student appeals concerning access to courses and credit granted toward the student’s degree. Students who wish to make an appeal should contact the Office of the Dean of Undergraduate Studies at SVC 2002, 974-4051 for further information.

The Dean is committed to providing vision and leadership in undergraduate education and to serving the needs of all undergraduate students including those with non-traditional and diverse backgrounds.

Evaluation and Testing

Location/Phone: SVC 2054; (813) 974-2742
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://www.usf.edu/testing

The Office of Evaluation and Testing serves four principal functions:

1. Admissions, Academic and Placement Testing: Tests required for admission to colleges, graduate and professional schools as well as many other special tests are administered by this office. Examples are the SAT, ACT, CPT, CLAST, GRE, MCAT, and LSAT.
2. Scanning and Scoring Services: Analysis and advisory services aid in construction and validation of tests used in classes; survey design and data analysis are also available for research purposes as well as test scoring and analysis by machine. In addition, this office coordinates the student assessment of instruction process.
3. Credit-By-Examination: The College-Level Examination Program (CLEP) is administered through this office. Information on other programs such as the Advanced Placement Test (AP) is available.
4. College Level Academic Skills Test (CLAST): This office, in addition to administering the CLAST, implements many of the rules and policies of the College Level Academic Skills Program (CLASP).

Bachelor of Science in Applied Science (APS)

Location/Phone: SVC 2002; (813) 974-4051
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://www.ugs.usf.edu/ugs.htm

Workforce projections for the 21st century indicate that there will be an ongoing need for people with specific skills and abilities to fill Florida’s growing number of specialized, scientific, industrial and technological positions. Florida’s two-year colleges offer many exceptional programs that meet these demands through their Associate in Science (A.S.) degrees. Although these applied and technical degrees provide excellent preparation for students seeking jobs that require specific knowledge, skill and ability, they have not generally transferred efficiently into most four-year Bachelor’s degree programs.

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### Requirements for the Behavioral Healthcare Area of Concentration (ABH)

**BSAS - Behavioral Healthcare Concentration (ABH) consists of 18 credit hours:**
- MHS 3411 Multidisciplinary Behavioral Healthcare Services (3)
- MHS 4002 Behavioral Health Systems Delivery (3)
- MHS 4407 Exemplary Practices in Behavioral Healthcare Treatment (3)
- MHS 4820 Field Experience in Behavioral Healthcare (3)
- SOC 4930 Clinical Case Management in Community Care (3)

**PLUS ANY ONE OF THE FOLLOWING:**
- MHS 4931 Selected Topics in Behavioral Healthcare (3)
- MHS 4906 Directed Study/Readings (3)

### Requirements for the Criminal Justice Area of Concentration (ACJ)

**BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:**
- CCJ 3024 Survey of Criminal Justice (3)
- CCJ 3610 Theories of Criminal Behavior (3)
- CJC 3110 Substantive Criminal Law (3)
- CJC 4010 American Correctional Systems (3)
- CJC 4934 Seminar in Criminology (3)
- CJE 4144 American Law Enforcement (3)

### Requirements for the General Business Area of Concentration (ABU)

**BSAS - General Business Concentration (ABU) consists of 18 credit hours:**
- ACG 3074 Managerial Accounting for Non-Business Majors (3)
- ECO 1000 Basic Economics (3)
- FIN 3403 Principles of Finance (3)
- MAN 3025 Principles of Management (3)
- MAN 4XXX Managerial Applications (3)
- MAR 3023 Basic Marketing (3)

### Requirements for the Gerontology Area of Concentration (AGR)

**BSAS – Gerontology Concentration (AGR) consists of 21 credit hours:**
- GEY 2000 Introduction to Gerontology (3)
- GEY 3263 Aging in the 21st Century (3)
- GEY 3601 Physical Changes and Aging (3)
- GEY 3625 Sociocultural Aspects of Aging (3)
- GEY 4612 Psychology of Aging (3)

**Plus any three of the following:**
- GEY 3323 Community Services of Older Adults (3)
- GEY 4322 Cast Management (3)
- GEY 4327 Long-Term Care Administration I (3)
- GEY 4340 Housing for the Elderly (3)
- GEY 4360 Gerontological Counseling (3)
- GEY 4608 Alzheimer’s Disease Management (3)
- GEY 4635 Business Management in an Aging Society (3)
- GEY 4641 Death and Dying (3)
- GEY 4647 Ethical and Legal Issues in Aging (3)

### Requirements for the Public Administration Area of Concentration (APU)

**BSAS - Public Administration Concentration (APU) consists of 18 credit hours:**
- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4419 Personnel and Supervision in Today’s Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- POS 3182 Florida Politics and Government (3)

**PLUS ANY ONE OF THE FOLLOWING:**
- PUP 4002 Public Policy (3)
- PAD 5035 Issues in Public Administration and Public Policy (3)
- PAD 5044 Environment of Public Administration (3)
- PAD 5159 Urban Policy Analysis (3)
- PAD 5333 Concepts and Issues in Public Planning (3)
- PAD 5605 Administrative Law and Regulation (3)
- PAD 5700 Research Methods in Public Administration (3)
- PAD 5807 Urban and Local Government Administration (3)
- PAD 5836 Comparative Public Administration (3)

### Requirements for the Urban Studies Area of Concentration (AUR)

**BSAS – Urban Studies Concentration (AUR) consists of 18-21 credit hours:**
- URS 3002 Introduction to Urban Studies (3)
- Plus any of five of the following:
  - ARC 4784 The City (3)
  - AMS 3700 Racism in American Society (3)
  - AMH 3423 Modern History (4)
  - IDS 4942 Community Internship (1-4)
  - ECP 3613 Economics of Urban Environment (3)
- ISS 3930 ST Community Studies (1-4)
- SYA 4930 ST Urban Life (3)
- GEO 3602 Urban Geography (4)
- GEO 4604 Advanced Urban Geography (4)
- PAD 3003 Introduction to Public Administration (3)
- POS 3142 Introduction to Urban Politics and Government (3)
- SOW 3203 American Social Welfare System (3)
- SPC 3710 Communication and Cultural Diversity (3)
- SYD 3700 Racial and Ethnic Relations (3)
- URP 4050 City Planning and Community Development (3)
- URP 4052 Urban and Regional Planning (4)

Contact the BSAS Program for additional BSAS Concentrations that may have developed since the publication of this catalog.

### Bachelor of Science in Hospitality Management

**Program Email:** hospitality@sar.usf.edu  
**Location:** Sarasota/Manatee Campus, PMD 223

The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social growth of Florida and the Nation.

The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management prepares individuals for entry-level management and supervisory level positions in the hospitality industry. A general business education with specialized hotel and restaurant management courses equips the students to approach problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations that are directly involved with the review...
Bachelor of Science in Information Technology

The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus.

Specifically the program aspires to:
1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives

The Information Technology program graduates will:
1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.

The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industry such as: programmer analyst, systems analyst, database administrator, network administrator, computer resource manager, systems development manager, and information technology management, to name a few.

In addition to the University's graduation requirements, the program has the following policies:
1. Mandatory academic advising of each student each term,
2. Exit interviews as a graduation requirement for all students, and
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.
Four-Year Curriculum in Information Technology

<table>
<thead>
<tr>
<th>Semester I</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>CGS 2100 Computers in Bus.</td>
<td>3</td>
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<tr>
<td>ENC 1101 Composition I</td>
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<tr>
<td>MAC 1147 Coll. Alg. and Trig.</td>
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<td>Gen. Ed.</td>
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<td>Total</td>
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<tr>
<td>Semester II</td>
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<tr>
<td>COP 2510 Programming Concepts</td>
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<tr>
<td>ENC 1102 Composition II</td>
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</tr>
<tr>
<td>MAD 3100 Discrete Math</td>
<td>3</td>
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<tr>
<td>ECO 2013 Economic Principles (Macro.)</td>
<td>3</td>
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<tr>
<td>PSY 2012 Psychological Science I</td>
<td>3</td>
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<tr>
<td>Total</td>
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<tr>
<td>Semester II</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
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</tr>
<tr>
<td>COP XXXX OO Programming (e.g., C++)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
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<tr>
<td>Total</td>
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</tr>
<tr>
<td>Semester IV</td>
<td></td>
</tr>
<tr>
<td>STA 2023 Introductory Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2020 Conceptual Physics</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Total</td>
<td>15</td>
</tr>
<tr>
<td>Semester V</td>
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</tr>
<tr>
<td>COP 3515 Program Design for Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>CDA 3101 Computer Organization for Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ENC 3211 Communication for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>INR 3033 International Political Cultures</td>
<td>3</td>
</tr>
<tr>
<td>CEN 3722 Human Computer Interfaces for IT</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

| Semester VI |  |
| EEL 4854 Data Structures and Algorithms for IT | 3 |
| COP 4610 Operating Systems for IT | 3 |
| ENC 4260 Advanced Technical Writing | 3 |
| COP 3451 IT Concepts | 3 |
| IT Approved Electives | 3 |
| Total | 15 |
| Semester VII |  |
| CIS 4703 Database Systems for IT | 3 |
| CEN 4031 Software Engineering Concepts for IT | 3 |
| EEL 4782 Computer Information Networks for IT | 3 |
| IT Approved Electives | 6 |
| Total | 15 |
| Semester VIII |  |
| COP 4930 Information Technology Seminar | 1 |
| CIS 4935 Senior Project in IT | 3-5 |
| CIS 4253 Ethical Issues for Information Technology | 3 |
| IT Approved Electives | 6 |
| Total | 13 - 15 |

POST-BACCALAUREATE CERTIFICATE PROGRAMS

IN INFORMATION TECHNOLOGY (IT)

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor's degrees in fields other than IT, but do not seek either a master's degree or a complete undergraduate degree in IT.

The **IT Management Certificate** (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor's degree plus some prerequisites are required to enter the IT Management Certificate Program.

The **IT Professional Certificate** (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate, will only need 15 additional hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

**IT MANAGEMENT CERTIFICATE**

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. **MACxxxx** Pre-Calculus 3 hrs.
2. **STA2023** Intro. To Statistics 3 hrs.
3. Any Basic Computer Skills Course 3 hrs.

(Water Processing, Spreadsheets, Windows, etc.)

**NOTE:** The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

- **ETG 3931** ST: IT Electronic Commerce 3
- **CEN 3722** IT Human Computer Interface 3
Figure 1. Required courses for the IT Professional Certificate (12 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 4930</td>
<td>IT Seminar</td>
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<tr>
<td>CIS 4925</td>
<td>IT Senior Project</td>
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</tr>
<tr>
<td>ENC 4260</td>
<td>Advanced Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>CIS 4361</td>
<td>IT Security Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 4412</td>
<td>IT Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>CDA 3200</td>
<td>IT Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>EEL 4854</td>
<td>IT Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>ETG 4931</td>
<td>IT Web Page Design &amp; Adm.</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

Aerospace Studies

AFR 1101 The Air Force Today: Organization and Doctrine

AFR 1120 The Air Force Today: Structure and Roles

AFR 2130 U.S. Air Power: Ascension and Doctrine

AFR 3220 Air Force Leadership and Management

AFR 4201 National Security Forces in Contemporary American Society

AFR 4211 National Security Forces in Contemporary American Society

Minor in Aerospace Studies

In order for the student to minor in Aerospace Studies a minimum GPA of 2.0 is required in all courses used to satisfy the minor. A minimum of 12 semester hours of the 16 semester hours required must be earned at USF. Grades less than “C” (GPA of 2.0) or “S” grades will not be accepted. Students will not be able to use credit through exam or independent study for application to the minor. This program will provide the student an understanding of management and leadership concepts as they relate to military officers. In addition, students will analyze the evolution of American defense policy and strategy. Special emphasis is placed on developing the student’s communication skills.

Specific Course Requirements for the Minor:

a. Total credit hours required: 16
b. Required courses:

AFR 3220 Air Force Leadership and Management
AFR 3231 Air Force Leadership and Management
AFR 4201 National Security Forces in Contemporary American Society
AFR 4211 National Security Forces in Contemporary American Society

AFR 1101 The Air Force Today: Organization and Doctrine
AFR 1120 The Air Force Today: Structure and Roles
AFR 2130 U.S. Air Power: Ascension and Doctrine
AFR 2140 U.S. Air Power: Key to Deterrence
AFR 2940 Basic Aerospace Internship

Optional Courses:

MSL 1001C Fundamentals of Office Pol
MSL 1002C Basic Leadership
Aerospace Studies Faculty
Professor: Robert J. Butler; Assistant Professors: Bob Ingraham, Honoré Spencer, Michael Wilson.

Military Science
Army Reserve Officer's Training Corps (ROTC)

Location/Phone: BEH 336/(813) 974-4065
Office Hours: 8 a.m. - 5 p.m., Monday through Friday
Web Address: http://web.usf.edu/~usfarotc/
Email Address: armyrotc@arotc.usf.edu

The Department of Military Science for Army Reserve Officers Training Corps (ROTC) was established to select and prepare students to serve as officers in the Regular and Reserve components of the United States Army. The curriculum is designed to develop students' leadership potential and improve students' planning, organizational, and managerial skills.

Army ROTC training is divided into two phases: the first two years constitute the Basic Course; the last two the Advanced Course. The Department offers both a four- and a two-year program, each leading to a commission as a Second Lieutenant in the United States Army. The four-year program requires completion of the Basic Course, a five-week field training course, and the Advanced Course. Students with prior active military service or previous training at military schools may be exempt from some or all of the Basic Course. Students with questions concerning the various options should contact the Professor of Military Science for more information. Enrollment is open to qualified students at all levels, including graduate students. Offers are published each semester.

Army ROTC training provides scholarships, pay, free uniforms and textbooks. Scholarships are awarded on a competitive basis in all academic majors. The scholarship pays full tuition, books, lab and mandatory fees, and certain other academic expenses. All Advanced Course and scholarship students receive a monthly subsistence payment that ranges from $250.00 as a freshman to $350.00 as a senior. This is in addition to the pay of approximately $700.00 while attending the five-week field training course at the National Advanced Leadership Training Course at Fort Knox, Kentucky during the summer of the student's sophomore year.

Additional skills training: Airborne School, Air Assault School, and the Northern Warfare School are available to both Basic and Advanced Course students during semester breaks. Additional skills training is also available during the academic year to include first aid, rappelling, orienteering, etc.

Basic Course: The Basic Course consists of four semesters of classroom instruction of one hour each week and a leadership lab. Students incur no military commitment by participating in the Basic Course. In lieu of attending the basic course classroom instruction, a student may attend the four-week Leadership Training Course at Fort Knox, Kentucky during the summer of the student's sophomore year.

Advanced Course: The Advanced Course consists of four semesters of classroom instruction of three hours each week, a leadership lab, physical fitness and field training exercises, and a five-week training phase at National Advanced Leadership Course. The Advanced Course is designed to prepare the student who desires to be a Professional Army Officer for duty in the Army Reserve or National Guard. Additional follow-on training is available to selected cadets at both US based and overseas active Army units.

Job Opportunities: The newly commissioned officer can be guaranteed Reserve or National Guard duty, or compete for an Active Duty commission. Prior to commissioning the student may request to serve in a number of career fields to include aviation, engineering, medical, law, law enforcement, logistics, and personnel administration.

Requirements for an ROTC Commission: Students who desire to earn a commission as a Second Lieutenant in the United States Army must meet the following requirements: four semesters of the ROTC Advanced Course, successful completion of the Professional Military Education Courses (written communication skills, computer literacy, and military history), attendance at National Advanced Leadership Course, maintain and graduate with a minimum of a 2.0 GPA, successful completion of the Army Physical Readiness Test, compliance with the Army height and weight standards, and other requirements of the United States Army.

Minor in Military Science

The minor in Military Science entails a 18-hour program organized and coordinated through the Department of Military Science. A minimum of 14 of the 18 hours must be earned at USF. The student must maintain a 2.0 GPA in the minor, A minimum grade of "C" or better must be maintained in each course. "S" grades will not be accepted. This program is designed to provide the student with an in-depth understanding of Army leadership doctrine and the fundamental principles by which Army leaders act to accomplish their mission. This minor lays out a leadership framework that allows students to apply leadership concepts learned in the classroom. Additional emphasis is placed on character development, oral and written communication, physical and mental fitness, and military small unit operations.

Required courses: (Total of 14 Credit Hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL 2901C</td>
<td>Army Physical Readiness</td>
<td>1</td>
</tr>
<tr>
<td>MSL 3201C</td>
<td>Leadership and Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>MSL 3202C</td>
<td>Leadership and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MSL 4301C</td>
<td>Leadership and Management</td>
<td>3</td>
</tr>
<tr>
<td>MSL 4302C</td>
<td>Officership</td>
<td>3</td>
</tr>
<tr>
<td>MSL 2101C</td>
<td>Leadership and Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>MSL 2102C</td>
<td>Leadership and Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>MSL 3212C</td>
<td>Leadership and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MSL 3202C</td>
<td>Leadership and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MSL 4302C</td>
<td>Officership</td>
<td>3</td>
</tr>
</tbody>
</table>

Other specifications: combination of 4 credit hours from any of the military elective courses below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL 1001C</td>
<td>Foundations of Officership</td>
<td>2</td>
</tr>
<tr>
<td>MSL 1002C</td>
<td>Basic Leadership</td>
<td>2</td>
</tr>
<tr>
<td>MSL 2101C</td>
<td>Individual Leadership Studies</td>
<td>2</td>
</tr>
<tr>
<td>MSL 2102C</td>
<td>Leadership and Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>MSL 2901</td>
<td>Basic Leader Training</td>
<td>4</td>
</tr>
<tr>
<td>MSL 4930</td>
<td>Advanced Directed Study</td>
<td>(1-3)</td>
</tr>
<tr>
<td>AFR 1101</td>
<td>The Air Force Today: Organization</td>
<td>(1)</td>
</tr>
<tr>
<td>AFR 1120</td>
<td>The Air Force Today: Structure and</td>
<td>(1)</td>
</tr>
<tr>
<td>AFR 2130</td>
<td>U.S. Air Power: Ascension to</td>
<td>(1)</td>
</tr>
<tr>
<td>AFR 2140</td>
<td>U.S. Air Power: Key to Deterrence</td>
<td>(1)</td>
</tr>
<tr>
<td>AFR 3220</td>
<td>Air Force Leadership and Management</td>
<td>(3)</td>
</tr>
<tr>
<td>AFR 3231</td>
<td>Air Force Leadership and Management</td>
<td>(3)</td>
</tr>
<tr>
<td>AFR 4201</td>
<td>National Security Forces in</td>
<td>(3)</td>
</tr>
<tr>
<td>AFR 4211</td>
<td>Contemporary American Society I</td>
<td>(3)</td>
</tr>
<tr>
<td>AFR 4211</td>
<td>Contemporary American Society II</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Military Science Faculty

Professor: Joseph M.J. Kools; Assistant Professors: Daniel Eadens, Jason Miller, Richard Lexvold; Instructor: James Lang.
Naval Science
Naval ROTC

Location/Phone: BEH 301
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://www.ugs.usf.edu/nrotc/nrotc.htm
Email Address: naval@nrotc.usf.edu

The Naval Science Program at the University of South Florida is administered by the Naval Reserve Officers Training Corps (NROTC) Unit. This program affords selected men and women the opportunity to receive instruction in Navy specified courses which, in conjunction with the baccalaureate degree, will qualify them for a commission in the United States Navy or Marine Corps. Students enrolled in the university who are physically and mentally qualified are eligible to apply for the NROTC program. As naval officers, USF NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines in the nuclear power programs, at naval installations all over the world, or in the numerous sub-specialties as an officer of the Marine Corps. With the consent of the professor of naval science, any student, although not enrolled in the NROTC program, is eligible for enrollment in naval science courses. The USF NROTC Unit offers participation through four programs: (1) the Navy-Marine Corps Scholarship Program, (2) the Navy-Marine Corps College Program, (3) the Two-Year NROTC College Program, and (4) the Two-Year NROTC Scholarship Program.

The Navy-Marine Four-Year Scholarship Program—The NROTC Scholarship Program is open to young men and women of all races, creeds, and national origin who are United States citizens. Students are selected on their own merit to become officers in the United States Navy and Marine Corps. Scholarship students are appointed Midshipmen, U.S. Navy Reserve. The Navy pays for tuition, fees, textbooks, uniforms, and a monthly subsistence allowance of up to $400.00 for four years. Scholarship students are normally selected through national competition during their senior year in high school. Each year, ten professor of naval science scholarships are available through a competitive selection process to Black and Hispanic students with academic potential who have yet to demonstrate their performance in a college environment or who have completed at least one, but not more than two semesters of course work at the university with a cumulative GPA of 3.0 or better and with no grade below "C." Although it is not a requirement, a student in the NROTC Scholarship Program is encouraged to pursue a major in engineering, mathematics, chemistry, or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted, with the approval of the professor of naval science. Regardless of the major, every scholarship student must complete one year of physics and one year of calculus.

Students must include certain Navy specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation, and successful completion of the naval science curriculum, the midshipman will receive a reserve commission as Ensign in the U.S. Navy or Second Lieutenant in the U.S. Marine Corps Reserve and serve on active duty for a minimum of four years.

The Navy-Marine Corps College Program—The NROTC College Program is designed to train and educate well-qualified young men and women for commissioning. Selected students are appointed as midshipmen in the Naval Reserve prior to commencement of the advanced course in the junior year. The Navy pays for uniforms and naval science textbooks all during the four-year period, and during the junior and senior years, pays the midshipman up to $400.00-per-month subsistence allowance. Each student is selected for enrollment in the program on the basis of past academic performance, potential, personal interviews, and a physical examination. A college science institute in Newport, Rhode Island, in the summer prior to commencing the junior year of study. Students in a five-year engineering curriculum may attend the institution between their third and fourth years. The six-week summer course qualifies the student for enrollment in the NROTC program at the junior level. During the student’s attendance at the Naval Science Institute, the Navy provides room and board, books, uniforms, and transportation from home and return, as well as pays the student approximately $365.00 month. Upon successful completion of the course, the Navy pays for uniforms, naval science textbooks, and up to $400.00 subsistence allowance.

Two-Year NROTC Scholarship Program—The two-year scholarship program is administered in the same manner as the two-year non-scholarship program, except that a student who has excelled in a math, physical science, or engineering major and who has demonstrated above average performance in integral calculus may be selected for a two-year full tuition scholarship, to be awarded upon successful completion of the six-week period of training at the Naval Science Institute. In addition to the full-tuition scholarship, the student will receive up to $400.00 subsistence per month, books, and lab fees.

Summer Training—The NROTC Scholarship Program student is required to complete training of approximately four weeks during each of the three summer recesses. The second summer training will be performed aboard operational ships of the U.S. Fleet. During the first summer period, each scholar-ship student will receive instruction in aviation training, marine combat training, surface warfare indoctrination, and submarine indoctrination either in Norfolk, Virginia or San Diego, California. During the third summer, candidates for U.S. Navy commissions will perform training aboard operational ships as a junior officer. The student who qualifies for nuclear propulsion training may elect to cruise on nuclear powered ships or submarines. Some midshipmen cruise with allied navies through the Midshipman Foreign Exchange Program. Transportation costs to and from the training sites, subsis-tence, quarters, and pay of approximately $365 per month will be paid to every participating student. The candidates for U.S. Marine Corps commissions will perform training at the U.S. Marine Corps Base, Quantico, Virginia. The Marine Option NROTC Summer Training Program, “Bulldog,” is designed to prepare midshipmen for appointment to commissioned grade by providing basic military instruction and physical training. An evaluation of midshipmen is made to ensure that they possess the leadership, academic, and physical qualifications required for the leadership, academic, and physical qualifications required.
for appointment to commissioned grade in the Marine Corps Reserve. Female midshipmen participate in all NROTC curriculum requirements and activities, including cruises aboard selected ships. A woman who has qualified for Marine Option Summer Training at Quantico attends the Woman Officer Candidate Course at Officer Candidates School in Quantico, Virginia.

Specified University Courses: In addition to satisfying requirements for a baccalaureate degree, the student must satisfactorily complete the following four-year curriculum guide, including required naval science courses and specified university courses.

**Freshman Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NSC 1110 Introduction to Naval Organization</td>
<td>3</td>
</tr>
<tr>
<td>NSC 1140 Seapower and Maritime Affairs</td>
<td>3</td>
</tr>
<tr>
<td>NSC 1101 Naval Science Lab</td>
<td>0</td>
</tr>
</tbody>
</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NSC 2121 Naval Ships System I</td>
<td>3</td>
</tr>
<tr>
<td>NSC 4231 Principles of Naval Management I</td>
<td>3</td>
</tr>
<tr>
<td>NSC 2213 Naval Operations (Note 1)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 2221 Evolution of Warfare (Note 2)</td>
<td>3</td>
</tr>
<tr>
<td>MAC 3311, 3312 Calculus I, II (Note 3)</td>
<td>8</td>
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</table>

**Junior Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NSC 3214, 3213 Navigation I, II (Note 4)</td>
<td>3</td>
</tr>
<tr>
<td>Amer. Military History/International Relations (Note 5)</td>
<td>3</td>
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<tr>
<td>Computer Science Elective (Note 5)</td>
<td>3</td>
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<tr>
<td>PHY 3048, 3049 Physics I, II (Note 3)</td>
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**Senior Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NSC 3122 Naval Ships Systems II (Note 4)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 4232 Principles of Naval Management II (Note 4)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 4224 Amphibious Warfare (Note 2)</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOTES:**

1. Undergraduate naval sciences required to be completed for a scholarship student before Fall Semester junior year.
2. Required of Marine Option midshipmen only.
3. One year each of calculus and calculus based physics is required for every Navy, option scholarship student. Recommended but optional for College Program and Marine Options.
4. Upper division Naval Sciences required of Navy Options are not required of Marine Options.
5. The following courses may be used to meet the American Military History/National Security Policy and Computer Science requirements:
   - AMH 3540 American Military History
   - INR 3002 International Relations
   - INR 4102 American Foreign Policy
   - COP 1215 and 1215L Fundamentals of Programming
   - CGS 1160 Microcomputer Applications
   - CGS 2120 Introduction to Computing with Programming

*Indicates recommended courses

**Furnished Items**—All uniforms, textbooks, and equipment needed by the student for naval science courses are furnished by the Navy.

**Use of Navy Science courses as University Electives**—Academic departments within the university may, according to their own policies, accept naval science courses as electives to fulfill requirements in their academic program.

**Naval Science Minor**—Upon successful completion of the four-year Naval Science Program, a student may be awarded a minor in naval science. Specific requirements should be arranged with the student’s academic department.

**Naval Science Laboratory**—The naval science curriculum includes a weekly two-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

**Naval Science Faculty**

Professor: Richard L. Dick; Assistant Professor: Henry Allen, John Sarao.

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**STUDENT LEADERSHIP MINOR**

The minor in Leadership Studies consists of a minimum of 18 credit hours with a "B" average (3.0). All students shall complete the first courses in the sequence and select four additional courses from the list of approved courses for the program. The series of courses is designed to help students develop personal and organizational leadership skills. The program is interdisciplinary in nature and should be of significant benefit to students in all areas of study.

The seven courses are designed to give students a practical and theoretical grasp of leadership. The basic assumption is that leadership can be learned and, therefore, taught. This program has a unique approach to leadership education that combines practical theories of leadership and learning to develop opportunities for students to study the nature of authority, leadership, social and role dynamics, political processes and the values that orient their careers. Students learn personal, diagnostic, operational, and tactical skills. In these classes, students are challenged to investigate self, context, and strategy.

**Required Courses (6 hours):**

- SLS 2260 Leadership Fundamentals 3
- SLS 4272 Survey of Leadership Readings 3

**Elective Courses (12 hours):**

- SLS 3948 Community Leadership Practicum 3
- SLS 4271 Organizational Theories and Processes 3
- SLS 4273 Theories of Leadership 3
- SLS 4274 Ethics and Power in Leadership 3
- SLS 4276 Images of Leadership in Print and Film 3
The College of Visual and Performing Arts exists in the context of a dynamic, contemporary, urban, research university setting, characterized by its cultural diversity. The College provides opportunities for students to develop their interests and talents to the fullest whether they wish to pursue a creative or performing career, a teaching career, or life-long artistic enrichment.

Mission

The mission of the College of Visual & Performing Arts is to conduct creative research and to educate, challenge, and inspire students for leadership in the arts. The College provides an environment that is imaginative, significant, and contemporary, and engages with local, national and international communities in arts initiatives.

The College of Visual and Performing Arts is a unique entity housing the School of Art and Art History, the School of Music, and the School of Theatre and Dance. The Institute for Research in Art includes the Contemporary Art Museum, Graphicstudio, and the program for Public Art. All serve multiple academic purposes within the College of Visual and Performing Arts as well as enrich the cultural environment within the university community. More information about each program is available on the College website at http://www.arts.usf.edu/.

College Activities and Events

The College of Visual and Performing Arts arranges a full schedule of concerts, plays, lectures, films, and workshops featuring students, faculty, and visiting artists. Events are open to the general public and are presented both during the day and in the evening. Special ticket privileges are available to USF students. For more information, contact the College of Visual and Performing Arts Events Office.

Visiting Artist Program and Artist-in-Residence

The College of Visual and Performing Arts is committed to creating and cultivating an artistic environment to enhance the total learning experience of its students and the community at large. Each year performing groups and internationally recognized visual artists are invited to the campus for a period of residency. The visiting artists provide opportunities for students, faculty, and the community to participate in their teaching, creative, and performing abilities.

Institute for Research in Art

USF’s Institute for Research in Art houses the Contemporary Art Museum, Graphicstudio and the program for Public Art. The IRA is dedicated to an international artists’ residency program that brings to the University and Tampa Bay community today’s most accomplished and influential artists working in the international arena. Exhibitions, collection development, publication of limited edition graphics and sculpture multiples, commissioned public art works, lectures, symposia, workshops and special events are designed to foster awareness about the role of contemporary artists in shaping our culture and society.

Contemporary Art Museum

The Contemporary Art Museum presents exhibitions that focus on contemporary art and also showcase the work of faculty, students and alumni. The exhibitions and art collection serve as an integral part of the studio and art history curriculum of the School of Art and Art History. Educational programs are offered to the University and Tampa Bay community. The Contemporary Art Museum houses the USF art collection that is composed of original graphics, drawings, photographs, and African and Pre-Columbian artifacts.

Graphicstudio

Graphicstudio was founded in 1968 as an experimental, research-oriented collaborative workshop in the College of Fine Arts. Over sixty leading international artists have created more than 400 limited-edition fine art works at Graphicstudio, in intaglio, photogravure, lithography, relief, serigraphy, sculpture, and artist books. Graphicstudio’s works are archived at the National Gallery of Art in Washington, D.C., the only university-based workshop so honored. Graphicstudio offers unique opportunities for graduate students to work and learn in a professional environment. Offers include classes, conferences, internships and graduate assistantships in printmaking, sculpture fabrication, curation, education and arts administration.

Contemporary Arts Program

In conjunction with the Endowed Chair and program in Contemporary Art History, the College promotes understanding of contemporary art practice and provides opportunities for persons interested in a critical and research oriented engagement with contemporary discourse.

The British International Theatre Program

The BRIT program provides residencies for major British theatre artists to work from two to eight weeks each year in master classes and Theatre productions. This private/public-endowed partnership creates a rich learning and performing environment for theatre students.

The John W. Holloway Endowed Chair in Theatre and Dance

The Holloway endowment provides residencies for major dance and theatre artists to work from two weeks to one semester in master classes and on productions in dance and theatre. This program fosters original, contemporary, and traditional dance compositions and theatre works enhanced by visiting artists working in collaboration with faculty and students.

SYCOM (Systems Complex for the Studio and Performing Arts)

SYCOM offers facilities for all different fields of professional audio, from analog synthesis to MIDI to digital recording. Through a wide range of courses, students learn techniques of the professional recording studio and the skills to record and produce live music, as well as modern digital audio editing and mastering.

Music Festivals

The School of Music sponsors a variety of Festivals for high school students. Among these are the Festival of Winds which enjoys a tradition of more than 25 years on the USF campus, the Festival of Voices which brings talented high school vocalists to campus to experience choral singing under the direction of USF faculty and guest conductors, and the Festival of Strings that features orchestral and chamber music experiences. All the Festival programs provide an opportunity for participants to experience an intensive and high level musical experience while enjoying the fellowship of other talented musicians in the context of a supportive and educational atmosphere provided by the faculty and students of the School of Music. For details about each program, contact the Coordinator of Admissions in the School of Music.

BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Visual and Performing Arts offers four undergraduate degrees:

Bachelor of Arts (B.A.) in Art (concentrations in Studio Art or Art History), Dance, and Theatre

Bachelor of Music (B.M.) in Music

Bachelor of Fine Arts (B.F.A) in Studio Art, Theatre Design, or Dance Performance
Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) in Music Education

Undergraduate Admission to the College of Visual and Performing Arts

Admission to the College of Visual and Performing Arts is contingent on acceptance into the university through the USF Office of Admissions. Additionally, students who wish to major or minor in art, dance, music, or theatre should contact the respective School. Admission is open for Theatre majors. Auditions are required for admission to the Dance program and the School of Music and must occur on specific dates as posted by those programs. The School of Art and Art History requires the completion of a core curriculum (ART 2201C, ART 2203C, ARH 2050 or 2051, and ART 2301C) and a satisfactory portfolio review of all candidates seeking admission to the B.A. in Studio Art or the B.F.A. in Studio Art. Specific dates will be posted by the program. Students who have not presented an acceptable portfolio on the posted date prior to orientation and registration will not be admitted into the School. The B.A. in Art History does not require a portfolio review. Please note, however, that Art History majors may take only those studio courses mandated by the state for their degree program. Art History students who wish to take other studio courses, or to double major, must successfully fulfill the requirement for portfolio review at the regularly scheduled time. Transfer students who wish to major in Studio Art must complete the equivalent core curriculum and pass a regularly scheduled portfolio review prior to admission to the School of Art and Art History. All prospective students in the College of Visual and Performing Arts must complete the necessary forms in the Office of Student Services and Advising in FAH 120 in order to be on file as majors or minors.

Although the Theatre program is an open admission program, transfer students and current USF students who request admission to this program must be placed according to their abilities. Theatre students wishing to concentrate in performance or design must audition or have a portfolio review for acceptance into the upper-division concentration courses. Dance and music students must complete successful auditions prior to Orientation and registration for their home unit’s core courses. Art students must successfully complete a scheduled portfolio review prior to Orientation and registration.

Students with previously earned college credit, who request admission to the College of Visual and Performing Arts, are required to provide copies of their transcripts to their advisors for the purpose of deciding which credits can apply to their degree program at USF. Copies of catalog pages with course descriptions from previous institutions are needed for each course being transferred for degree requirements. A minimum grade of "C" is usually necessary for courses in the concentration.

Visual and Performing Arts Advising

The College of Visual and Performing Arts (CVPA) Office of Student Services and Advising, located in the Fine Arts building, offers a comprehensive service to all students in CVPA and advice to non-majors who are interested in taking CVPA courses. The service includes Preview USF, Fantastic Friday, registration, academic advising, scholarships, graduation certification, mentorship programs, and referrals to other university and community-based services and career-related opportunities. Three major-field advisors (art, music, theatre/dance), Advising Coordinator, Visual and Performing Arts Project Thrust Advisor, and support staff work with students toward their matriculation and graduation. Students must remember that he or she is ultimately responsible for meeting all graduation requirements.

The goals of the office of Student Services and Advising are to:

- Help students interpret institutional requirements
- Evaluate student progress toward established goals
- Facilitate total student development
- Foster the development of individual student’s talent to the fullest

Advising Office

Tampa Campus: College of Visual and Performing Arts (FAH), Room 120, (813) 974-3660.

Office Hours

Usual office hours are 8 a.m. - 5 p.m., Monday - Friday.

General Requirements for B.A. Degrees Within the College of Visual and Performing Arts

1. All degree programs require 120 credit hours, with the exception of the Music Education degree.
2. General Education Requirements may be satisfied by (1) completing the university’s General Education Requirements, (2) completing the A.A. degree from a Florida Junior or Community College, or (3) completing the general education requirements from another Florida state university. General education courses transferred from other accredited institutions will be evaluated based on USF General Education equivalencies. The A.A. degree is in no way a requirement for acceptance into the College of Visual and Performing Arts or into any one of its upper-level degree programs, or a requirement for graduation from the university.
3. Students admitted to the College of Visual and Performing Arts with transfer credits, or former students returning with credits dating ten or more years prior to admission (or readmission), will have those credits reviewed by the College and department/school and may be required to take specified competency tests in their major area.
4. All majors in the College of Visual and Performing Arts, at the discretion of the disciplines, must take six fine arts credit hours in a field other than the major discipline. Transfer of degree fine arts credits must be evaluated by an advisor. Fine Arts courses for this requirement may be taken as S/U grading at the discretion of the instructor.
5. A maximum number of ROTC credits totaling no more than the maximum allowed in the Free Elective Area for each major may be counted toward all degrees.
6. A maximum of four credit hours of elective Physical Education credits taken at USF may be counted as general elective credit toward all degrees.
7. Students must satisfactorily meet the College Level Academic Skills Test CLAST requirement and the writing and computation course requirement of 6A-10.30 (Gordon Rule).
8. Students applying for a B.A. degree must demonstrate competency in a foreign language as described under Foreign Language Competency Policy of this catalog.
9. For degree programs, see requirements listed under each School.
10. A minimum of 20 credit hours in the major unit must be earned in residence. This requirement, however, may be waived by the school based on examination (e.g., portfolio review, audition). A student must also earn 30 of the last 60 hours of credits in residence at USF. However, any course work to be taken and any credits to be earned outside of the university must have prior approval from the appropriate school and the college in order to apply these credits toward graduation.

Waiver of prerequisite course work totaling no more than 12 credit hours in the major or Visual and Performing Arts College requirements is possible by demonstration of competence. Unless credit is awarded by approved official tests, i.e., A.P., CLEP, the credit hours must be made up according to school or college recommendations. A faculty committee conducts waiver reviews. Specific questions concerning program requirements for all degrees in the College or other related
problems should be directed to the College of Visual and Performing Arts Coordinator of Advising.

College Policy for Academic Progress
The following criteria will serve as the bases for disenrollment from a major in the College of Visual and Performing Arts:
1. Grade point average below 2.0 in the major.
2. Recommendation by major applied (studio) art, dance, music or theatre faculty with approval of respective school director.
3. The school may recommend probationary status (rather than disenrollment) for one semester when academic progress is not maintained.

Contracts and Permission Procedures
Directed Studies Contracts
All Directed Studies and other variable credit courses in the College of Visual and Performing Arts require contracts between students and instructors describing the work to be undertaken by the student and specifying the credit hours. These contracts are to be completed in quadruplicate and appropriately signed. It is the student’s responsibility to obtain the necessary signatures and make the required distribution of all copies. Important: the student must have his/her signed copy of a contract at the time of registration.

S/U Grade Contracts
The College of Visual and Performing Arts requires that any S/U grading agreement entered into between student and instructor be formalized by a contract in quadruplicate signed by the student and the instructor and distributed according to instructions.

“I” Grade Contracts
Incompletes must be contracted for by mutual agreement between student and instructor, with the contract describing specifically the amount and nature of the work to be completed for the removal of the incomplete grade. This contract additionally clearly specifies the date that the work will be due (within legal limits) for grading. Both the student and the instructor must sign this contract and the four copies must be distributed according to instructions. A student must not register for a course again to remove an “I” grade.

Permission Procedures
Admission into some courses is possible only by consent of instructor (CI), consent of chairperson (CC), consent of advisor, or by audition or portfolio review. When such special permission is required, it will be the student’s responsibility to obtain any required permission prior to registration.

S/U Grading in the College
1. Non-majors enrolled in courses in the College of Visual and Performing Arts may undertake such courses on an S/U basis with instructor approval. See Contracts and Permission Procedures for information concerning S/U Grade Contracts.
2. Credits earned by a non-major student with an “S” grade will not count toward the student’s minimum major course graduation requirement should that student ultimately decide to become a major student in one of the four arts disciplines in the College. Instead, such credits earned with an “S” grade will be assigned to the student’s Free Elective category (with the exception of music, which will become non-countable).
3. Although Visual and Performing Arts majors may take coursework in their major as Free Electives, they are not entitled to the S/U grading option for these courses taken in their major subject area, even when specifically used or intended to be used as Free Electives.
4. In the College of Visual and Performing Arts, the only S/U graded courses available to a major student in his/her major subject area are those curriculum allowable courses designated S/U (that is, S/U only).

5. A maximum of 9 credit hours of S/U grades in non-major courses may apply towards a degree in the College of Visual and Performing Arts.

Please refer to Academic Policies section for more information concerning the university’s S/U Grading policy.

Dean’s List Honors
See Academic Policies and Procedures, Programs and Services.

Interdisciplinary Study
There is no formal interdisciplinary arts degree offered in the College of Visual and Performing Arts. However, it is possible for a student to pursue such a program of study in the College by utilizing free electives allowed in the major program. A student may also choose a double undergraduate major in two units or arts disciplines within the College of Visual and Performing Arts as a means of interdisciplinary study. See the major advisor in the programs of particular interest.

Minor Programs
The College of Visual and Performing Arts offers minor programs in Art, Dance, Music, and Theatre. Majors in the College of Visual and Performing Arts may pursue a minor in any certified minors program at USF except within the same arts discipline as the major. The requirements for these programs are located under the school academic program descriptions and also require that a minimum of eight hours be taken at USF. For university minor policy, consult that section in the catalog. Please note that the minor in Studio Art has been temporarily suspended.

SCHOOLS AND PROGRAMS

• ART (ART)

The School of Art and Art History offers the Bachelor of Fine Arts degree in Studio Art, the Bachelor of Arts degree in Studio Art, and the Bachelor of Arts degree in Art History. The two studio curricula (BA - studio concentration and BFA) are designed to develop the student’s consciousness of aesthetic and ideological aspects of art and its relationship to life and to assist students in the realization of personal ideas and imagery. Many students interested in college teaching, museum or gallery work, fine or commercial studio work pursue the extended discipline and experience offered at the graduate level.

Although the Studio Art programs allow many possible courses of study, most art major students will select one area of emphasis chosen from the course offerings listed. The major areas of emphasis, available to Tampa campus undergraduate art studio students are Drawing, Painting, Sculpture, Ceramics, Electronic Media (Computer Imaging, Video), Printmaking and Photography. A new BFA concentration in Graphic Design (junior and senior years only) is now available on the USF St. Petersburg campus. This is a limited access program.

Transfer studio credit will be accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History will accept all Florida state programs that are part of the “Common Prerequisites.”

The Art History program (BA - Art History) reflects the faculty’s belief that strong liberal arts study, supplemented with internships and travel, is the most appropriate preparation for students who desire further study at the graduate level or professional work in the fields of art history research, teaching or galleries and museums. Students who pursue the BA in Art History will acquire a broad, thorough knowledge of art from prehistory to the present.

For additional requirements see Graduation Requirements, College of Visual and Performing Arts.
Prerequisites (State Mandated Common Prerequisites) The School of Art and Art History encourages students who wish to transfer from Florida Community Colleges to complete their A.A. prior to transfer. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program, however, candidates for admission into the two studio programs must successfully complete the core curriculum and a portfolio review at a posted review date in order to be admitted.

Students may complete the prerequisite courses listed below prior to entering the university. However, it is not required that the student complete the core courses and portfolio review prior to being accepted into the School of Art and Art History. If these courses are not taken at the community college, they must be completed before the student is admitted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. The following prerequisite courses will be accepted as meeting lower level requirements.

ART 1201/1202 Design I and Design II or ART 2201
ART 1300/1301 Drawing I and Drawing II
ART 2050/2051 Art History Survey I and Art History Survey II
ART 2XXX Any 2-3 introductory media course, 6-9 semester hours or 12 hours of ART 2XXX

Note: It is recommended that transfer students complete both Design I and Design II prior to transfer. If a student does not complete Design I and Design II prior to transfer they should wait and enroll in ART 2201 (Fabrications I) and ART 2203 (Fabrications II) at USF.

Requirements for the B.A. Degree in Studio Art

The following courses apply to the B.A. degree in Art Studio:

I. Art Preparation (All coursework in the School of Art and Art History must have a grade of “C” or better to satisfy program requirements.)

ARH 2050 History of Visual Arts I* (3)
ARH 2051 History of Visual Arts II* (3)
ART 2201C Fabrications I** (3)
ART 2203C Fabrications II** (3)
ART 2300C Beginning Drawing (3)
ART 3301C Intermediate Drawing (3)

Total 18 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

All studio courses, other than those designed as core, require the completion of the following core courses (ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, and ART 2301C or equivalent) and a satisfactory portfolio review. Refer to our web site at www.arts.usf.edu for the scheduled review date.

II. Beginning Studio Workshops

A minimum of 12 hours from the following Beginning Studio Workshops is required. These courses may not be repeated. These courses are pre-requisites to the intermediate level Studio Courses. Students must take at least one two-dimensional and one three-dimensional studio course.

ART 2400C Beginning Printmaking (3)
ART 2510C Beginning Painting (3)
ART 2710C Beginning Sculpture (3)
ART 2110C Beginning Ceramics (3)
ART 2222C Beginning Electronic Media (3)
PGR 2401C Beginning Photography (3)

Total 12 hours

III. Intermediate Studio Workshops

A minimum of 6 hours from the following: 3000 Level Studio (6)

B.A. students may take advanced courses if they have the prerequisite 3.25 Major G.P.A. and course prerequisites. This would represent work in excess of degree requirements.

IV. Expanded Context Courses

A minimum of 3 hours of your studio work must be from selected expanded context courses. Expanded context courses include ART 4806 Theme Studio, cross-media classes and/or ART 4930 special topics studio classes.

V. Art History

A minimum of 12 hours in the following history courses:

ARH 4100 Prehistoric & Ancient (4)
ARH 4170 Greek & Roman (4)
ARH 4200 Medieval (4)
ARH 4301 Renaissance (4)
ARH 4350 Baroque and Rococo (4)
ARH 4430 19th Century (4)
ARH 4450 20th Century** (4)
ARH 4520 African (4)
ARH 4530 Oriental (4)
ARH 4796 Critical Studies (4)

Total 12 hours

*4 hours may be taken in either critical studies seminar ARH 4796 or Directed Reading ART 4900.

**ARH 4450 is required of all majors.

VI. Additional Requirements

Extended Studies* (2)

Total 7-2 hours

*Paris Program, Public Art, Museum Internships, Community Art, Artists Internships/Apprenticeships, London Middlesex Program, and Johannesburg Program.

VII. Recommendations

Students are encouraged to take additional credits in the Studio Workshops and Theme Studio Courses to fulfill art electives.

Total Art 53 hours

Total Semester Hours for the B.A. degree in Art Studio:

Please note under General Education that the Historical Perspectives must be satisfied with History of Visual Arts I, ARH 2050 and History of Visual Arts II, ARH 2051, and that Fine Arts Perspectives must be satisfied with Fabrications I, ART 2201 or Fabrications II, ART 2203.

General Education* (27)
Exit Requirements (9)
Art Requirements (53)
Special Requirements (5)
Free Electives (Maximum Art 9 hours) (25)

Total 120 hours

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

Note: All Students earning a B.A. degree in Studio Art or Art History must complete the Foreign Language Exit Requirement.

Requirements for the B.F.A. Degree in Studio Art

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. The accelerated studio experiences provided for students meeting the requirements of the Bachelor of Fine Arts degree will better prepare them for professional participation in the visual arts.

All studio courses, other than those designed as core, require the completion of the following core courses (ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, and ART 2301C or equivalent) and a satisfactory
VII. Additional Requirements

VI. Art History

V. Expanded Context Courses

IV. 4000 Level Studio

cross-media classes and/or ART 4930 special topics studio classes.

Total 3 hours

VI. Art History

ARH 4450 20th Century

ARH 3454 Contemporary Issues in Art

4000 Level Period Art History

ARH 4796 Critical Studies

Total 20 hours

VII. Additional Requirements

ART 3939 Real World

Extended Studies**

ART 4970 Senior Thesis**

Total 7 hours

Total Art 84 hours


**Senior Thesis is to be registered for by contract with the instructor of the final advanced studio course in the student’s specialization.

Total Semester Hours for the B.F.A. degree in Art Studio:

General Education* (27)
Exit Requirements** (3)
Art Requirements (84)
Special Requirement (6)

Total 120 hours

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

**Please note that 6 hours of Exit requirements must be completed in the Art School or in the College of Visual and Performing Arts and satisfy either B.F.A. program requirements or a portion of the special requirement. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

Requirements for the B.F.A. Degree in Studio Art with a Concentration in Graphic Design

Available only at USF St. Petersburg, the Graphic Design Program includes a series of courses in design, history and theory of art and graphic design, as well as the technical approaches to creative visualization. Courses cover typography, layout, digital media, graphics, video technology, print and digital reproduction processes and professional practices. The goal of creative and professional development focuses upon challenging students with projects that demand creative content, structure, management of complexity, and exploration into visual solutions involving information, design limitations, and budget restrictions.

The graphic design curriculum will expose students to graphic design foundation, principles, and techniques most often used in successful visual communication for both print and digital media.

The B.F.A. Studio Art Degree with a concentration in graphic design is a limited access, upper-level program. Each fall a cohort will follow a sequential course schedule. Specific equipment requirements for this program are delineated on the university’s website at www.usf.edu/gd.

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. Student competency will be evaluated individually and based upon criteria such as GPA, writing skill, and a portfolio of work indicative of: (1) concept, execution and presentation of studio artwork, (2) conceptual understanding of art and design standards, (3) application of art and design concepts, (4) examples of drawing methods and materials, and (5) historical knowledge of art and design as evidenced by previous assignments in visual problem solving.

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History accepts transfer credit from all Florida programs that are part of the “common course prerequisites”.

The following courses are necessary for completing a B. F. A. degree in Studio Art with a Concentration in Graphic Design:

I. Art Foundation (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)

I. Art Foundations

ARH 2050 History of Visual Arts I* (3)

ART 2201C Fabrications 1** (3)

ART 2203C Fabrications II** (3)

ART 2300C Beginning Drawing (3)

ART 3301C Intermediate Drawing (3)

Total 18 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.

II. 2000 Level Studio

2000 Level 2-D Studio (3)

2000 Level 3-D Studio (3)

2000 Level Specialization (3)

2000 Level Elective Studio (3)

Total 12 hours

III. 3000 Level Studio

3000 Level Specialization (9)

3000 Level Non-Specialization (3)

3000 Elective Studio (3)

*Total 15 hours

IV. 4000 Level Studio

4000 Level Specialization (6)

4000 Level Elective (3)

Total 9 hours

V. Expanded Context Courses

A minimum of 3 hours of your Intermediate or Advanced Studio work must be from selected expanded context courses.

Expanded context courses include ART 4806 Theme Studio, cross-media classes and/or ART 4930 special topics studio classes.

Total 3 hours

VI. Art History

ARH 4450 20th Century (4)

ARH 3454 Contemporary Issues in Art (4)

4000 Level Period Art History (8)

ARH 4796 Critical Studies (4)

Total 20 hours

VII. Additional Requirements

ART 3939 Real World (3)

Extended Studies* (2)

ART 4970 Senior Thesis** (2)

Total 7 hours

Total Art 84 hours

*History of Visual Arts I and II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

**Fabrications I or II must be used to satisfy the General Education Fine Arts requirement if the student is to remain within 120 hours for the degree.
II. Additions to the Art Foundation requirements:
- 2000 level studio elective (3)
- 2000 level courses the areas of Computer Language and/or Media (3)
- MMC 3602 Mass Com and Society (program requirement) (3)
Total 9 hours

Graphic Design Program Requirements

III. Fall Semester
- ART 2280CTypography (3)
- VIC 3001 Intro to Visual Communications (3)
- GRA 3545 Graphic Design I (3)
- GRA 3549 Multimedia Systems I (3)
- ARH 4430 19th Century Art (4)
Total 16 hours

IV. Spring Semester
- GRA 3548 Computer Graphics (3)
- PGY 3801C Digital Media I (3)
- ART 4925 Media Workshop: Design Production (3)
- Support Course (4)
Total 16 hours

V. Fall Semester
- PGY 4420C Digital Media II (3)
- ART 4929C Visual Designs for the Internet (3)
- ART 4243C Graphic Design: Senior Studio (3)
- ARH 4450 20th Century Art (4)
Total 16 hours

VI. Spring Semester
- ART 4955C Senior Project: Portfolio (3)
- ART 4974 Professional Practicum (3)
- GRA 4940 Internship (2)
Total 12 hours

Total 87 Art hours

Total Semester Hours for the B.F.A. degree in Art Studio with a Concentration in Graphic Design:
- General Education* (30)
- Exit Requirements (9)
- Art Requirements (50)
- Free Elective (Maximum Art 9 hours) (25)
Total 120 hours

*Please note that 9 hours of General Education requirements are satisfied by the Art School curriculum and that the actual total hours in General Education remains 36 as state-mandated.

**Please note that 6 hours of Exit requirements must be completed in the Art School or in the College of Visual and Performing Arts and satisfy either B.F.A. program requirements or a portion of the special requirement. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

Requirements for the B.A. Degree in Art History:

I. Art Preparation (All coursework in The School of Art and Art History must have a grade of “C” or better to satisfy program requirements.)
- ARH 2050 History of Visual Arts I* (3)
- ARH 2051 History of Visual Arts II* (3)
- ART 2201C Fabrications I (3)
- ART 2300C Beginning Drawing (3)
Total 12 hours

II. Art History Required Courses
- ARH 4937 Seminar in the History of Art History** (4)
Total 4 hours

**Offered only once per year.

Plus: Minimum of 16 hours in the following history courses:

III. Art History Survey
- ARH 4100 Prehistoric & Ancient (4)
- ARH 4170 Greek & Roman (4)
- ARH 4200 Medieval (4)
- ARH 4301 Renaissance (4)
- ARH 4350 Baroque and Rococo (4)
- ARH 4430 19th Century (4)
- ARH 4450 20th Century (4)
- ARH 4520 African (4)
- ARH 4530 Oriental (4)
Total 16 hours

Total 50 hours

Total semester Hours for the B.A. degree in Art History
- General Education* (30)
- Exit Requirements (9)
- Art Requirements (50)
- Free Elective (Maximum Art 9 hours) (25)
Total 120 hours

*General Education “Historical Perspectives” will be satisfied by ARH 2050, History of Visual Arts I and ARH 2051, History of Visual Arts II.

Note: All Students earning a BA degree in Art History must complete the Foreign Language Exit Requirement.

The Minor in Art is suspended pending further notice. The Minor in Art History remains active.

Requirements for the Minor in Art

Studio Concentration: Total of 24 minimum hours required

I. Art Area Preparation
- ARH 2050 History of Visual Arts I (3)
- ARH 2051 History of Visual Arts II (3)
- ART 2201C Fabrications I (3)
- ART 2300C Beginning Drawing (3)
Total 15 hours

II. Art Studio
- Beginning Studio Workshop (6)
- Intermediate Studio Workshop (6)
Total 9 hours

Art History Concentration: 24 minimum hours required

I. Art History Preparation
- ARH 2050 History of Visual Arts I (3)
- ARH 2051 History of Visual Arts II (3)
- ART 2201C Fabrications I (3)
- ART 2203C Fabrications II (3)
Total 9 hours

All Students earning a BA degree in Art History must complete the Foreign Language Exit Requirement.

The Minor in Art is suspended pending further notice. The Minor in Art History remains active.
The presentation of dance in concert is essential to the educational mission, and provides students and the community with numerous opportunities for expanding aesthetic experiences.

Through intensive study in dance technique, creative studio studies and dance theory, students are prepared for careers in performance, choreography, and education. Additionally, these degree programs may help prepare students for graduate work in Dance Sciences/Medicine, Dance Therapy, Arts Management, Performance, Choreography, or Interdisciplinary Studies.

Admission to the Dance program is contingent upon acceptance by the university and successful completion of a placement audition. Students must complete the audition prior to Orientation and registration for Dance courses.

Prospective majors must contact the School of Theatre and Dance for audition dates prior to being permitted to register for classes. Acceptance into major technique classes is by faculty audition. Acceptance into each of the degree programs (B.F.A., B.A.) requires acceptable technical proficiency, academic standards commensurate with USF guidelines, and recommendation of the faculty.

**Prerequisites (State Mandated Common Prerequisites)**

The College of Visual and Performing Arts encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following required courses and/or electives (if available) during the program of study at the community college. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

**Prerequisites for B.F.A. in Dance Performance and B.A. in Dance Studies:**

Any 24 credit hours from the following 30 hours will be accepted toward the major.

- **DAN 2610** (3) or **DAN 2600** (3)
- **DAN 2611** (3) or **DAN 2601** (3)
- **DAA 2610** (2)
- **DAA 2611** (2)
- **DAA 2680** (2) - or any lower level Repertory course in the X400-X400 series up to 4 credit hours.
- **DAA 2681** (2) - or any lower level Repertory course in the X400-X400 series up to 4 credit hours.
- **DAA X200-X209** (8) - Up to 8 credit hours of any lower level Ballet Technique courses within the X200-X209 taxonomy.
- **DAA X100-X109** (8) - Up to 8 credit hours of any lower level Modern Technique courses within the X100-X109 taxonomy.

Although credit toward the major will be given for these courses, placement in upper level technique classes will continue to be based on individual proficiency. Other technique courses in other styles of dance may be accepted toward the major on a case-by-case basis at the discretion of the university. Transfer dance credits must be evaluated by faculty and dance advisor at time of entrance.
Requirements for the B.F.A. Degree in Dance

The BFA in Dance Performance (Ballet or Modern emphasis) offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies and Dance Theory. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers. Beyond the expectations for continuing opportunities for performance, students selecting the BFA will develop and present solo and group Senior Choreographic Projects.

The BFA is a limited access program. Students must participate in a selective admissions procedure. At the end of their third semester, students will be assessed by Dance faculty to determine eligibility. Dancers must continue to take technique courses throughout their degree program.

Modern Dance Focus

Studio Technique (28 semester hours)
- DAA 3209 Ballet III (6)
- DAA 3109 Modern III (6)
- DAA 4111 Modern IV (8)
- DAA 3394 World Dance (2)
- Elective Dance Technique (6)

Creative Studio (17 semester hours)
- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I (2)
- DAA 3615 Choreography II (2)
- DAA 4616 Choreography III (2)
- DAA 4617 Choreography IV (2)
- DAA 3686 Jr. Performance Project* (1)
- DAA 3686/3654 Performance/Repertory (5)
- DAA 4694 Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique

Dance Theory (27 semester hours)
- DAN 2160 Entry Seminar (2)
- DAN 3584 Practicum in Dance Production (1)
- TPA 2200 Introduction to Technical Theatre I (3)
- DAN 3614 Music for Dance I (2)
- DAN 3615 Music for Dance II (2)
- DAN 4404 Laban Movement Analysis (3)
- DAN 3714 Dance Kinesiology (3)
- DAN 4134 Dance History Through the 19th Century (3)
- DAN 4135 20th Century Dance History (3)
- DAE 4310 Dance Pedagogy: Pre-school and Elementary Methods (3)

or
- DAE 4340 Dance Pedagogy: Secondary Curriculum and Methods (3)
- DAN 4181 Dance Senior Seminar (2)
- Non-Dance Electives: (7)

Ballet Focus

Studio Technique (30 semester hours)
- DAA 3209 Ballet III (6)
- DAA 4211 Ballet IV (8)
- DAA 3294 Ballet Variations/Pointe (2)
- DAA 3109 Modern III (6)
- DAA 3394 World Dance (2)
- Elective Dance Technique: (6)

Creative Studio Studies (17 semester hours)
- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I (2)
- DAA 3615 Choreography II (2)
- DAA 4616 Choreography III (2)
- DAA 4617 Choreography IV (2)
- DAA 3686 Jr. Performance Project* (1)
- DAA 3686/3654 Performance/Repertory* (5)
- DAA 4694 Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique

Dance Theory (27 semester hours)
- DAN 2160 Entry Seminar (2)
- DAN 4930 Tech Theatre in Dance (4)
- DAN 3614 Music for Dance I (2)
- DAN 3615 Music for Dance II (2)

Coursework to be taken at USF

Studio Technique (20 semester hours)
- DAA 3108 Modern II (6)
- DAA 3208 Ballet II (6)
- DAA 3109 Modern III (6)

or
- DAA 3209 Ballet III (6)
- DAA 3394 World Dance (2)

Creative Studio Studies (13 semester hours)
- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I (2)
- DAA 3615 Choreography II (2)
- DAA 4616 Choreography III (2)
- DAA 4617 Choreography IV (2)
- DAA 3686 Performance (1-2)
- DAN 4906 Independent Research Project (1)

*Concurrent enrollment in Dance Technique

B.S. Degree in Dance Education

The Dance Education Curriculum is currently suspended. See the Director of the School of Theatre & Dance for further information. It is recommended that students seeking to become teachers obtain a B.A. in Dance Studies with specialization in Education.
Requirements for the Dance Minor

The Dance Minor is designed to provide students with a scope of experiences in dance that include studio technique, creative studio studies and dance theory. The student selecting a Dance Minor should arrange to meet with the academic advisor in dance prior to enrolling for classes.

Studio Technique (10 semester hours)

Select 10 credits from:

- DAA 2205 Ballet I (2)
- DAA 3208 Ballet II (3)
- DAA 3209 Ballet III (3)
- DAA 4211 Ballet IV (4)
- DAA 2105 Modern Dance I (2)
- DAA 3108 Modern Dance II (3)
- DAA 3109 Modern Dance III (3)
- DAA 4111 Modern Dance IV (4)
- DAA 2500 Fundamentals of Jazz Dance (2)
- DAA 4930 Special Topics in Dance (2)

(Studio Dance courses may be repeated once toward the Dance Minor.)

Creative Studio Studies (4 semester hours)

Select 4 credits from:

- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I* (2)
- DAA 3615 Choreography II* (2)

*Music for Dance is a pre-requisite for Choreography and instructor approval.

Dance Theory (6 semester hours)

Select 6 credits from:

- DAN 2100 Introduction to Dance (3)
- DAN 4134 Dance History Through the 19th Century (3)
- DAN 4135 20th Century Dance History (3)

Dance Electives (4 semester hours)

TOTAL 24

Critiques

1. All students will be evaluated periodically by the faculty and critiqued each semester and will participate in progress conferences with the faculty.
2. If a student evidences deficiency in some area or in continuing progress toward the degree, the student may be placed on probation within the Dance program.
3. Failure to make satisfactory progress after being placed on probation shall constitute grounds for program recommendation to drop and discontinue the major.

Minimum Grade for Dance Courses

A student must receive a "C" grade or better in required courses for Dance Majors. Should a student fail to do so, the course(s) in which the student receives a "D" or "F" must be repeated and a "C" grade or better earned. Note: The student choosing a Dance Minor must achieve a "C" or better in all courses applied to the minor in dance.

Additional Standards

In addition to meeting the specific requirements and standards discussed above, the student and advisor will periodically evaluate the student's general progress. Students are required to meet with the Academic Advisor in Dance each semester. An unsatisfactory rating in one or more of the following areas could place the student on probation. A student on probation is given a specific amount of time to achieve a satisfactory rating before being dropped from the major program. The criteria include:

1. Appropriate academic progress.
2. Adequate technical skills and adaptability.
3. "B" average in major studio classes.
4. Physical conditioning that includes: nutrition, flexibility, strength, and healthful weight management necessary to facilitate safe technical and artistic expression.
5. Class probation and program probation require review, i.e., reinstatement in good standing or recommendation to drop major.

For other non-major requirements see both Visual and Performing Arts College requirements and the university's General Distribution and graduation requirements.

Visiting Artists and Artists-in-Residence

The School of Theatre & Dance believes in the ongoing influence of guest artists as choreographers, teachers for master classes, residencies and performers. The programs provide numerous opportunities to enhance the students' artistic awareness of professional possibilities.

- MUSIC (MUS)

The music curriculum is designed for students gifted in the performance and/or composition of music. Applicants for a major in music are required to pass an entrance audition in their respective performance areas. Composition applicants are required to submit appropriate scores and/or tapes of their compositions for faculty appraisal.

Academic programs offered in the Bachelor of Music degree include the areas of Performance (voice, piano, piano pedagogy, and orchestral instruments), Composition, and Jazz Studies (composition and performance).

The B.M. degree in Music Education is designed to serve students who wish to develop a high level of musical expertise and have a commitment to help develop musical potentials in other people.

The B.A. degree in Music Studies is a liberal arts degree with a greatly reduced number of credit hours in music. It allows students to pursue a double major and/or a minor in another field. The B.A. is offered with a choice of emphasis in performance, composition, music history, or music theory.

Acceptance into the School of Music

Students must apply for acceptance into the USF School of Music if they are an incoming freshman, transfer student, or part-time student and plan to (1) major in any undergraduate or graduate music degree program; (2) minor in music; or (3) take applied lessons as a non-major for more than one credit hour. Contact the Coordinator of Auditions.

Applying for acceptance by audition into the School of music is a separate procedure from the University admissions process. Students must audition each year during December juries. Taped auditions may be considered, but must be heard by the faculty committee or ensemble director as above. Composition students must submit appropriate scores and/or tapes of their respective performance areas. Composition applicants major in music are required to pass an entrance audition in Performance to be admitted to the School of Music but is denied acceptance into the University, he or she must apply for acceptance into the USF School of Music.

Auditions

Audition Procedure: All students must audition before a committee consisting of the appropriate music faculty members or must audition directly before a major ensemble conductor and the prospective studio instructor. Campus audition dates are scheduled each year during February and March for Fall admission to the School of Music. Auditions for Spring admission are scheduled during December juries. Taped auditions may be considered, but must be heard by the faculty committee or ensemble director as above. Composition students must submit a portfolio as well as arrange an audition. Note that scholarship consideration will be given for live auditions only.

Music Theory Placement Examination

All freshmen and transfer music students are required to take a Music Theory Placement Examination. For placement in the Written and/or Aural Theory sequence, placement tests are given on the first day of classes each semester from 9:00 to 10:30 a.m. in FAH 133. This test is evaluated by the Theory Coordinator and an appropriate score for placement is determined. The results of the exam will indicate the level of theory to which the student will be assigned.

An advanced placement into the second semester of the Theory sequence is available with a score of 4 or 5 on the
Advanced Placement Program conducted by the College Entrance Examination Board.

Transfer Policy

USF evaluates and transfers credits from other institutions the student has attended. To insure that transfer credits are properly applied toward the degree program, the issue should be discussed with the music advisor (CVPA advising office, FAH 120). Personal copies of transcripts (in addition to those sent to USF) of all past course work and a copy of a catalog from the institution(s) at which the credits were earned should be shown to the advisor. This will help to credit the maximum application of course work completed at other institutions to a USF degree. Credits applicable to the degree will be transferred only if they have grades of "C-" or better.

All incoming students must audition for acceptance into the School of Music and for placement in the applied music studio. Additionally, they must take placement tests in written theory, aural theory, and keyboard skills in order to receive advice for appropriate registration.

Theory courses taken in Florida public community colleges and the Florida State University System automatically transfer and substitute for the equivalent courses at USF.

Community college students are encouraged to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

This is a non-limited access program with the above courses referred only if they have grades of "C-" or better.

Applied Music Requirement Policy

The following degree requirements must be completed in applied music:

B.M. in Performance (including Piano Pedagogy emphasis)
Minimum of 24 hours, including a minimum of two semesters (6 hours) at the 4000 level.

B.M. in Composition
Minimum of 8 hours of applied music principal, including a minimum of two semesters at the 2000 level or higher.

B.M. in Music Education
Minimum of 12 hours of applied music principal, including a minimum of two semesters at the 3000 level.

First-time-in-college (FTIC) students generally will be placed at the 1000 applied music level; transfer students will be evaluated by the faculty Audition Committee and placed at the appropriate level. All students will be promoted to their next level of instruction upon the recommendation of their applied music teacher and successful completion of a performance examination (jury) by area applied music faculty. This examination may be scheduled at the conclusion of any semester, but definitely will occur at the end of spring semester.

Where it is appropriate for the degree, the student is required to complete a minimum of one semester, but no more than three semesters at the 2000 or 3000 applied music levels. Failure to complete the 2000 or 3000 applied music level, by the recommendation of the applied teacher and jury members, within the three semester maximum brings automatic dismissal from the music program.

Music Education majors may repeat the 3000 applied music level until the junior recital is given, and performance majors may repeat the 4000 applied music level until the senior recital is given and the necessary amount of applied credits have been earned.

Performance majors may repeat the 4000 applied music level as necessary to fulfill the 24 credit hour requirement. No more than two semesters of study at the freshman, sophomore, or junior levels will be counted toward credit hour requirements for an undergraduate degree in performance.

Applied music courses consist of private lessons (time to be arranged between the student and faculty member) as well as scheduled studio meetings. All undergraduate students enrolled in applied music are required to be enrolled concurrently in at least one appropriate major ensemble corresponding to the applied major.

Piano Proficiency Requirement Policies

All Music Majors (other than Piano Performance and Jazz Studies majors) must demonstrate proficiency on the piano, as established by the syllabi for Keyboard Skills I-IV, in order to graduate. They may do this in one of three ways:

1. A Piano Proficiency Placement Exam, whereby students are expected to demonstrate technical and musical skills through performance of repertoire, scales, arpeggios, harmonization, improvisation and sight-reading. (Sign-up sheets for this exam are posted outside FAH 217 during the first week of classes.) For students who do not pass this exam, the School of Music offers four levels of Keyboard Skills courses as electives. Students will be placed in the level indicated by their exam performances. Ultimately, a grade of "C-" or better in Level IV satisfies the Piano Proficiency Requirement.

2. If the music advisor determines that a student does not have a background to be placed beyond Keyboard Skills Level I, they will advise the student to register for Level I and no exam will be necessary.

3. A student who feels that he or she has acquired the necessary skills to meet the Piano Proficiency Requirement (either through accelerated practice or private lessons) may also sign up for the Piano Proficiency Placement Exam the first week of any semester and demonstrate their acquired skills to the Keyboard Skills Coordinator. If a student passes this exam, the Piano Proficiency Requirement will be met.

Jazz Studies majors must satisfy the Jazz Piano Proficiency requirement through a placement test administered by the jazz faculty after completing the Jazz Theory and Improvisation II.

Recital Attendance Requirement

All music majors and minors are expected to attend recitals throughout the duration of their degree program. Performance (jazz and traditional) majors and composition majors are required to attend a minimum of 80 recitals. Music education majors are required to attend a minimum of 60 recitals. Music minors are required to attend a minimum of 20 recitals. It is recommended that students attend an average of 10 to 15 recitals each term. Transfer students will have the attendance requirement pro-rated according to their studio level placement, allowing for 10 recitals to be credited for every term waived.

Students should sign programs they attend and turn them in to the upstairs music office with their name and student I.D. number on each program. The purpose of this requirement is to ensure that music students hear a variety of student, faculty and other professional-level performances. Students should register for MUS 2010, Recital Attendance, in the term in which they expect to complete the requirement. The course is graded S/U and is required for graduation.

Major Performing Ensembles

To fulfill major ensemble requirements, music majors and minors may use the ensembles listed below:
Minimum Grade for Music Courses
All music majors and minors must earn at least a “C-” in every music course required for their degree program. Music education students must earn at least “C-” in all required music, music education, and education courses. Registration in required music courses resulting in grades of “D” or “F” must be repeated. Sequel courses may not be taken until prerequisites are satisfied with appropriate grades or waivers.

Standardized Tests
All music students must complete an appropriate standardized test as a part of their senior seminar experience. Presently, all composition, jazz studies, music education, and performance students take the ETS Major Field Test in Music.

The B.M. Degree (Performance, Composition and Jazz Studies)
Prerequisites (State Mandated Common Prerequisites)
Transfer Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at a Florida community college, they must be completed before the degree is granted. If these courses are not taken at a Florida community college, the following prerequisite courses will be accepted as meeting lower level requirements.

MUT 1111 Music Theory
or MUT 1112 Music Theory
or MUT 1121, 1122, 2126, or 2127
MUT 2116 Music Theory
or MUT 2117 Music Theory
or MUT 2121, 2122, 2126, or 2127
MUT 1241 Aural Theory
or MUT 1242 Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 2261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2246 Advanced Aural Theory
or MUT 2247 Advanced Aural Theory
or MUT 1221, 1222, 2226, 2227, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MVX 1X1X Secondary Applied Music Courses, 2-4 semester hours
MVX 2X2X Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination
or MVK 1111, 1112, and 2122
or MVK 1111r, 1112r, 2121r, and 2121r
or MVK 1211 and 2221

Electives: Music credits beyond those required may be used as program electives.

Core Requirements for all Performance, and Composition Concentrations
Music Theory (22)
MUT 1111 (3) MUT 2116 (3) MUT 4571 (3)
MUT 1112 (3) MUT 2117 (3) MUT 4411 (3)
MUT 1241 (1) MUT 2246 (1) or MUT 1242 (1) MUT 2247 (1) MUT 4421 (3)
Music Literature (3)
MUL 2111 (3)*
*This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.
Music History (8)
MUH 3301 (3)* MUH 3302 (3)*
MUH 3300 (2) or MUH 4058 (3)* or MUH 4801 (3)
*This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.
Conducting (2)
MUG 3104
Senior Seminar (1)
MUS 4935 (1)
MUS 2010 Recital Attendance (0)
Ensemble Performance Majors (8), Composition (4)
All undergraduate students enrolled in applied music for 3 or 2 credit hours are required to be enrolled in a major ensemble appropriate to their performing medium.
Music Electives (12-13 hours)
Fine Arts Requirement (6 hours)
All majors should take one 3-hour CVPA course certified in Historical Perspectives and one 3-hour CVPA course certified in the Fine Arts section of the Liberal Arts Requirements in order to graduate within 120 semester credit hours. These courses must be taken in the Schools of Art and Art History and/or Theatre and Dance, not in the School of Music.

Core Requirements for Jazz Studies
Music Theory (26)
MUT 1111 (3) MUT 2116 (3) MUT 2641 (2)
MUT 1112 (3) MUT 2117 (3) MUT 2642 (2)
MUT 1241 (1) MUT 2246 (1) MUT 3353 (3)
MUT 1242 (1) MUT 2247 (1) MUT 3354 (3)
Music Literature (3)
MUL 2111 (3)*
*This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.
Music History (9)
MUH 3301 (3)* MUH 3302 (3)* MUH 4801 (3)
*This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.
Conducting (2)
MUG 3104
Senior Seminar (1)
MUS 4935 (1)
MUS 2010 Recital Attendance (0)
E elective in Music (10-12)
Ensemble:
Performance (8), Composition (8)
*All students enrolled in applied music for 3 or 2 hours are required to enroll in a major ensemble appropriate to their performing medium.

Additional Requirements for Specific Concentrations
Performance Concentration
All performance majors are required to take a total of 24 credit hours of applied music major with a minimum of 6 hours to be completed at the 4000 level.
Voice performance majors must enroll in a USF choir (MUN) for six semesters and in USF opera (MUG) for two semesters, concurrent with enrollment in applied voice (MVK). They also...
must enroll in MUS 2201 for a total of 3 credits as part of their Music Electives.

Voice performance majors are required to be competent at the beginning level of French, German, and Italian languages in addition to taking foreign language diction classes offered in the School of Music. Proficiency tests are administered by the Department of World Language Education. If needed, courses 1120 (4 credit hours) and 1120L (lab for 1 credit hour) in each language may be taken in the College of Arts for Sciences for up to 15 credit hours to meet the foreign language proficiency requirement.

Performance majors in piano are required to enroll in MVK 4640 for 4 credits as a part of the Music Electives.

The following requirements for the piano pedagogy emphasis are to be taken as a part of the Music Electives: MVK 4640 (4) MVK 4641 (4)

Recital Scheduling Procedures and Policies

JUNIOR RECITAL/APPLIED MUSIC: A public recital, either solo or shared, will be given during the student’s junior year. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music, which would normally occur during a student’s third year of study. Credit may be granted to transfer students for junior recitals completed at other institutions. This recital should have been completed during the student’s junior year at that institution and a request for recognition of that recital should be made in writing to the applied music coordinator. No studio teacher is under any obligation to accept these transfer recitals.

SENIOR RECITAL/APPLIED MUSIC: A public recital will be given during a student’s senior year. The student should have achieved senior classification as defined by the university and should be enrolled at the 4000 level in applied music, which would normally occur during a student’s fourth year of study. A senior recital performed at another institution will not satisfy graduate requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital unless written permission to deviate from this policy is obtained from the School of Music Director.

GRADUATING RECITAL/MUSIC EDUCATION: A public recital will be given during the student’s last year of applied music study. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 or 4000 level in applied music. A recital performed at another institution will not satisfy graduation requirements for USF. The recital must be performed on the USF campus and the student must be enrolled in the studio of a USF faculty member during the term of said recital. Exceptions may be made by the Director of the School of Music when deemed appropriate.

A RECITAL APPROVAL FORM MUST BE COMPLETED FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC STUDENT’S ADVISING FOLDER IN ORDER FOR DEGREE CERTIFICATION PROCEDURES TO BE COMPLETED.

Jazz Studies Concentration

Performance Emphasis

The following courses are required in addition to the core requirements:

MUT 3663 (2) MUT 3664 (2)

Applied music (major) through the 3000 level (min. of 18 hours).

The Basic Jazz Theory Exam must be successfully completed before a student is allowed to enroll in MUT 2641, Jazz Theory/Improvisation I class. The exam is offered on the first day of each Fall semester.

All Jazz Studies majors must successfully complete the Improvisational Competency Exam before they are permitted to present their Junior Recital or be admitted to MUT 3663, Advanced Jazz Improvisation. The exam is offered each semester during Final Exams (juries) and is adjudicated by the Jazz Studies faculty. Each student must demonstrate competency in the art of improvisation on repertoire drawn from the Jazz Chamber Ensemble Tune List and materials taught in MUT 2641-2642, Jazz Theory and Improvisation I-II.

(See Piano Proficiency Requirement Policies)

Composition Emphasis

The following courses are required in addition to the core requirements:

MUC 2221 (6) MUC 4403 (3) MUC 4404 (3)

Elective Composition (6)

Applied music (principal) with a minimum of 4 hours at the 2000 level.

Jazz piano proficiency required.

Composition Concentration

All students seeking a degree in music with a composition concentration are required to fulfill the senior composition requirements (with the approval of the entire composition faculty) in one of the following ways: (a) a complete public performance of works by the student composer, (b) the public performance of several compositions in various concerts throughout the composer’s senior year, (c) the formal presentation to the composition faculty of an extensive portfolio of compositions plus the public performance of at least one of these works during the senior year, or (d) in other ways designated by the composition faculty.

Applied Music (Principal) (8)

A minimum of 8 credit hours of applied music is required with a minimum of 4 credit hours at the 2000 level.

Composition Courses (24)

MUC 2301 (3) MUC 2221 (3,3) MUC 3231 (3)

MUC 3401 (3) MUC 3402 (3) MUC 4241 (3)

MUT 4511 (2) MUT 4512 (2)

For other degree requirements for all the above concentrations, see the College of Visual and Performing Arts requirements and the university’s General Education and graduation requirements.

• MUSIC EDUCATION concentration

Requirements for the B.M. Degree in Music Education (MEU)

This concentration for the B.M. degree requires 121 credit hours, including a full internship. It does not provide Florida teacher certification upon graduation. However, alternative certification (permanent) can be earned while working as a full-time teacher with provisional certification (up to three years). The growing requirements in the State of Florida for teacher preparation and certification are not applicable to this degree, thus eliminating the requirements for many courses to be taken outside the School of Music. Many supervisors of music in public school districts have expressed strong approval for this program and will readily employ our graduates.

Music Theory

MUT 1111 Music Theory I 3

MUT 1112 Music Theory II 3

PR for MUG 3104 and MUL 2111

MUT 2116 Advanced Music Theory III 3

MUT 2117 Advanced Music Theory IV 3

Aural Theory

MUT 1241 Aural Theory I 1

MUT 1242 Aural Theory II 1

MUT 2246 Advanced Aural Theory III 1

MUT 2247 Advanced Aural Theory IV 1
### Liberal Arts Requirements: General Education and Exit

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gordon Rule Communication (12) and Computation (6)</td>
<td>33 (+12)</td>
</tr>
<tr>
<td>CLAST (College Level Academic Skills Tests)</td>
<td>(6)</td>
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<tr>
<td>must be satisfied by exemption or by testing for USF degree.</td>
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<tr>
<td>GKT (General Knowledge Test) and FTCE (Florida Teacher Certification Exam: PEd and SAE subtests) must be successfully completed for Florida teacher certification.</td>
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</table>

### Requirements for the B.A. Degree in Music Studies (MSU)

#### Prerequisites (State Mandated Common Prerequisites)
Transfer students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at a Florida community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C-" is the minimum acceptable grade. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

- **MUT x111 Music Theory**
  - or **MUT x121, x122, x126, or x127**
- **MUT x112 Music Theory**
  - or **MUT x121, x122, x126, or x127**
- **MUT x116 Music Theory**
  - or **MUT x121, x122, x126, or x127**
- **MUT x117 Music Theory**
  - or **MUT x121, x122, x126, or x127**
- **MUT x241 Aural Theory**
  - or **MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277**
- **MUT x242 Aural Theory**
  - or **MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277**
- **MUT x246 Advanced Aural Theory**
  - or **MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277**
- **MUT x247 Advanced Aural Theory**
  - or **MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277**
- **MUN XXXX Secondary Applied Music Courses**, 2-4 semester hours
- **MVXXx2X Secondary Applied Music Courses**, 2-4 semester hours
- **Secondary Piano Proficiency by Examination**
  - or **MVK x111, x112, and x122**
  - or **MVK x111r, x112r, and x122r**
  - or **MVK x111, x112, and x122**
  - or **MVK x111r, x112r, and x122r**
  - or **MVK x111, x112, and x122**
  - or **MVK x111r, x112r, and x122r**
  - or **MVK x211 and x221**

#### Core (36 credit hours)

- **Applied Studies in Music**
  - Completion of sophomore level in studio (Principal, not Major)
  - Four terms in major ensemble
  - Two terms of keyboard skills
  - Two terms of theory (written and Aural).

#### Music Studies (MSU)

- **MUS 1111, 1121, 2111, 2121** (0-8)
- **PR for MUE methods / conducting**
- **Music Literature and History**
  - **MUL 2111 Introduction to Music Literature**
  - 3
  - **PR for 3301/3302 (Gen Ed HP or FA)**
  - 3
  - **MUH 2051 Folk and Traditional Music of World Cultures**
  - 3
  - **Gen Ed ALAMEA**
  - 3
  - **MUH 3301 Baroque and Classic LA Exit MW/MI**
  - 3
  - **MUH 3302 Romantic through Contemporary LA Exit MW/MI**
  - 3
- "Waived for Florida community college transfer students who did an MUL Gordon (6A) course / ALAMEA course for the AA degree."
- **Applied Principal (Studio)**
  - **MV? 131X, 232X, 333X (2 terms Each level)**
  - 12
  - **Culminating in Junior Recital**
- **Major Ensemble (MUN 3XXX)**
  - 6
  - **Concurrent registration with studio**
- **Recital Attendance (MUS 2101)**
  - 0
  - **Attendance at minimum 60 programs**

#### TEACHING PROFICIENCY

All music education students must demonstrate teaching proficiency upon completion of MUE 2090 in order to continue in the program. In order to graduate with the B.M. degree in music education, the GPA in music courses must be at least 2.5.

- **Music Education**
  - **MUE 2090 Theoretical Bases of Music Education**
  - (includes school observations)
  - 3
  - **MUE 3421 Choral Techniques and Pedagogy**
  - 2 (1 + 1)
  - **MUE 3423 String Techniques and Pedagogy**
  - 1
  - **MUS 4930 Guitar Class**
  - 1
  - **MVP 1211 Percussion Class**
  - (percussion principals exempt)
  - 1
  - **MUN 3313 University Singers**
  - 1
  - **EME 2040 Introduction to Educational Technology**
  - or other computer technology course, e.g., MUS 6525, Computer Applications in Music
  - 3
  - **MUE 3930 Music Education Forum**
  - (minimum 4 terms)
  - (1 x 4)
  - (includes educational law, professional ethics, and school safety)
  - 4
  - **MUE 4311 K-12 General Music Methods and Practicum**
  - (includes pre-internship)
  - 4
  - **MUE 4331 Choral Methods in the Secondary School**
  - (includes pre-internship)
  - 3
  - **MUE 4332 Instrumental Methods in the Secondary School**
  - (includes pre-internship)
  - 3
  - **MUE 4480 Special Ensemble Methods**
  - (may be repeated to enroll in other sections)
  - [001-Marching Band Methods; 002-Jazz in the Public Schools; 003-World Music Methods]
  - 2-6
  - **MUE 4936 Senior Seminar**
  - (includes taking the ETS field test in Music)
  - 2
  - **MUE 4940 Internship**
  - 6-10

- **Liberal Arts Requirements:**
  - **General Education and Exit**
  - (12 credits satisfied in music)
  - 33 (+12)
  - **Music Composition (MUC)**
  - Three additional courses: MUC 2221 (twice) and MUC 2301
Music History (MUH)
Three additional courses: MUH 2051 or 2632, MUH 3301 or 3302, and MUH 4058 or 4801 9
Music Theory (MUT)
Three additional courses of written theory: MUT 2117, 4421, 4571 9

MUSIC ELECTIVES (4-6 credit hours)
Excluding non-major music courses 4-6
May be selected from applied music (including conducting, ensembles, keyboard skills, and studio), music composition, music education, music history, music literature, and music theory.

RE bât ITAL ATTENDANCE
Students register for Recital Attendance (MUS 2010) only in the semester in which they will complete a minimum total of 60 to receive an “S” grade (0 credit hours). Students keep records with upstairs music office. 10-15 recitals per term.

Requirements for a Minor in Music
Students seeking a minor in music may choose from three concentrations, each with a minimum of 19-23 semester hours required: (1) History-Theory-Literature, (2) Applied Medium and (3) Composition. Each of the concentrations will include the same core curriculum consisting of 11 hours. A minimum of 8 hours for the minor must be earned at USF.

1. Core Curriculum:
   Music Theory (8)
   Introduction to Music Literature or
   Music History (3)
11 hours

2. Optional Concentrations:
   a. History-Theory-Literature
      An audition is not required.
      Music History and/or Theory and/or Literature (7-8)
      Performance Studio courses which may include up to 2 semester hours of class-studio (6-8)
      Music Ensembles (2-4)
      MUS 2010 Recital Attendance (0)
      Faculty jury recommendations for sophomore-level studio study (minimum)
      Acceptance by audition into the School of Music is required.
      Composition (9 hours)
      Acceptance by audition into the School of Music is required.
      Composition Studio courses which may include one course of orchestration (6)
      Music Ensemble (1)
   b. Applied Music (Principal)
      Acceptance by audition into the School of Music is required.
      Performance Studio courses which may include up to 2 semester hours of class-studio (6-8)
      Music Ensembles (2-4)
      MUS 2010 Recital Attendance (0)
      Faculty jury recommendations for sophomore-level studio study (minimum)
      Composition (9)
      Acceptance by audition into the School of Music is required.
      Composition Studio courses which may include one course of orchestration (6)
      Music Ensemble (1)
   c. Composition
      Acceptance by audition into the School of Music is required.
      Composition Studio courses which may include one course of orchestration (6)
      Music Ensemble (1)
   d. Admission
      to all composition and studio applied music courses is by audition and/or permission of the instructor.
      Studio courses may be repeated for credit as stipulated in the catalog.

Requirements for a Minor in Electronic Music
Students seeking a minor in electronic music must be proficient in basic music theory. They may establish their proficiency either by taking the Theory Placement Test and placing in Music Theory I, MUT 1111, or by completing Rudiments of Music, MUT 1001, with a minimum grade of “C-”. A minimum of 8 hours for the minor must be earned at USF.

STUDIES IN ELECTRONIC MUSIC (in the following sequence)
MUC 2301 Introduction to Electronic Music 3
MUC 3401 EM: Analog Synthesis I 3
MUC 3402 EM: Analog Synthesis II 3
MUC 3441 EM: Digital Synthesis I 3
MUC 3442 EM: Digital Synthesis II 3

ELECTIVES IN MUSIC (may be concurrent with EM courses)
Excluding non-major music courses 4-6
Taken from applied music (including ensembles), music composition, music education, music history, music literature, and music theory.

The Faculty
The music faculty is made up of outstanding musicians and scholars whose talents and achievements provide a unique educational resource for all students. Faculty ensembles such as the Faculty Chamber Players and the Faculty Jazz Combo provide an important musical contribution to campus and Tampa area cultural life, and many music faculty perform in professional music ensembles across west central Florida.

Student Organizations
The Music organizations of Sigma Alpha Iota, Phi Mu Alpha Sinfonia, and Pi Kappa Lambda, the honorary music organization, maintain active chapters in the School of Music. Additionally, chapters of the College Music Educators National Conference, American Choral Directors Association, Kappa Kappa Psi Band Fraternity and the International Association of Jazz Educators provide an important liaison with other professional musicians and teachers.

Visiting Scholars, Artists, and Artists-in-Residence
The School of Music utilizes guest composers, conductors, and performing musicians to enhance its offerings in terms of teaching faculty, forum appearances, and the conducting of musical programs, symposia, and clinics. Some prominent musicians and scholars who have appeared in the past are: Norman Dello Joio, Olly Wilson, Randall Thompson, Guarneri String Quartet, Virgil Thompson, Beaux Arts Trio, Walter Trampler, Boris Goldovsky, Fred Hemke, Gregg Smith, Lukas Foss, Norman Luboff, Maurice Andre, Phil Woods, Jean Pierre Rampal, David Baker, Adele Adison, John Cage, Byron Janis, Karel Hua, Louis Bellson, Leslie Bassett, David Samuels, Samuel Adler, Julius Baker, Gunther Schuller, Ransom Wilson, Robert Merrill, T. J. Anderson, Doc Severinsen, Hale Smith, Bethany Beardslee, George Russell, Robert Shaw, Art Blakey, Toshiko Akiyoshi, Andre Watts, Christopher Hogwood, Howard Gardner, Edwin Gordon, Peter Webster, Bennett Reimer, David Elliott, Elliot Eisner, Doreen Rao, Jo-Michael Scheibe, La Camerata Romeu, Libby Larsen, John Faddis, Evan Chambers, Elliot Antokoletz, Benjamin Suchoff, Peter Bartok, and Richard Cowell.

Financial Aid
Scholarship and Talent Award Guidelines
The School of Music offers a variety of financial aid programs to assist talented musicians in their musical studies. Two types of awards – Scholarships and Talent Awards – are in place, each with its own set of criteria. Scholarship awards will be automatically renewed every year (four years for entering Freshmen or until the anticipated graduation date of transfer students) upon the request of the student and maintenance of the standards (described below) established by the School of Music. Talent Awards must be renewed every semester via approval of the ensemble director. Awards typically are made on the basis of excellence in musicianship and/or personnel needs in a particular performance area. Financial assistance programs include up to four-year scholarship commitments and/or per-semester talent awards. All entering transfer, and returning students intending to participate in a major ensemble are eligible to apply and audition for a financial award.

The audition committees will make recommendations to the appropriate ensemble director. These recommendations may include a suggested award amount and/or simply a designation as to the eligibility level of the student.

Final recommendations on the amount of the award given will be made by the appropriate ensemble director to the Director of the School of Music. These decisions will be based upon a variety of factors including: available budget, proven
ability of student, ensemble/school needs, potential to succeed, letters of recommendation, and all academic records.

**Talent Award**

The student must enroll for credit and perform satisfactorily in the ensemble awarding the money. The student is not required to study in an applied studio, to be enrolled for 12 credit hours, to meet minimum academic standards or to be pursuing a music major or minor. All talent award recipients must request renewal directly from the ensemble director granting the award each semester. The director may request the student to re-audition or may choose not to renew the award.

**Scholarship Award**

- Student must be pursuing a music major or minor
- Student must maintain a minimum of 12 semester hours of course load in each semester
- Student must maintain a GPA of 2.5 overall and 3.0 in all music courses
- Student must enroll for credit in an applied music studio appropriate to the performing instrument
- Student must enroll for credit in the ensemble(s) appropriate to the performing instrument
- Students are often required to perform in two ensembles, depending upon the needs of the ensemble program.
- NOTE: All music students on scholarship will be required to perform up to two services per semester in reading/performing student composer projects as part of the expectations to maintain their music financial aid. These two services are not inclusive of rehearsals to prepare the student works should public performance be a part of the required services. The Coordinator of the Composition program or his/her designee will organize administration of the composition program and the student participation in required services.

Continuing Students Scholarship: All scholarship students who wish to continue to receive their awards must fill out a Continuing Scholarship Application Form in the Spring semester. Failure to do so may result in the reallocation of the scholarship to other students. Each student must also submit a performance evaluation sheet from their applied teacher and major ensemble director along with their request for renewal.

Duration of Awards: Scholarship awards are given to incoming freshmen for eight semesters. Length of award to transfer students will be determined after an evaluation of their transcript has projected a graduation date. Students may not continue to renew their scholarship beyond this point. They may, however, apply to an ensemble director for a talent award after this time. Talent awards may be renewed as many times as are deemed appropriate by the ensemble director.

Revocation of Awards: Scholarship awards may be revoked if students
- Fail to maintain full-time status (12 credit hours)
- Fail to maintain required GPA
- Fail to participate in appropriate ensembles (as determined by applied teachers and ensemble directors)
- Switch major area of study outside of music
- Fail to perform satisfactorily in applied lessons or major ensemble(s)

Repayment of award will be sought from any student who drops out of school, drops out of ensemble/applied music participation, or fails to maintain 12 credit hours during a semester in which they have received an award.

**THEATRE (TAR)**

TheatreUSF is fully accredited by the National Association of Schools of Theatre (NAST). Through its curriculum and production program, Theatre offers seriously interested students the opportunity to prepare within a liberal arts atmosphere for a professional career in the theatre or to continue their studies at the graduate level.

For over 30 years, our exclusively undergraduate program has prepared critically aware and skilled theatre practitioners. The school’s mission is to educate students in the art of theatre, to conduct original research, and to present challenging productions to the university and Tampa Bay communities.

Students may graduate with a broad based theatre arts degree, or they may specialize in performance or design.

**Special Features**

1. The endowed British International Theatre Program (BRIT) brings five or more professional artists from the UK to work with upper level students for 6-8 weeks each spring semester. The BRIT Program is available each spring semester to 16 advanced theatre students by audition. The program consists of master classes and/or production experience with select guest artists from the U.K. Advanced scene study students are eligible for tuition remission for the three-credit BRIT Program course.
2. The John W. Holloway endowed chair in theatre and dance provides funds annually for guest artist residencies. The Holloway Program provides classes and production experiences with internationally renowned artists in design, directing, acting, writing, and musical theatre.
3. USF's Theatre program has a formal student Exchange Program with Middlesex University in London, England.
4. The School Honors Program allows small select groups of upper-division students to work on special projects with faculty and guest artists for up to one year. The Honors Program is available to upper level majors who have a 3.5 GPA in the major and a 3.2 overall GPA and who have achieved a comparably high level of artistic or scholarly achievement. A 6-8 credit one-year sequence of courses is offered to students accepted into the Honors Program. The sequence progresses from a reading seminar to a guest artist practicum to a student thesis or project. With approval of director and instructor, the entire Honors sequence may substitute for one of the Theatre History/Literature requirements.

Guest artists have been working professionals from New York, San Francisco, Denver, Los Angeles, Munich, London, Tel Aviv.

**Visiting Artists and Artists-in-Residence**

TheatreUSF actively promotes guest artists on campus. A representative list of artist from the last ten years includes Maria Aitken, Peter Barkworth, Bill Bryden, Daniel Chumley, Russel Craig, Matthew Francis, George Froscher, Christopher Fry, John and Lisel Gale, Patrick Garland, Ronald Hanwood, Jeff Jones, Michal Kavash, Sam Mendes, Bob Mooy, Eric Overmeyer, Louise Page, Estelle Parsons, Olga Petrovna, Roni Pinkovitch, Denis Quilley, Gerlind Reinschagen, L. Kenneth Richardson, Lord Brian Rix, James Roose-Evans, Dorothy Tutin, Robert Wierzel, and Jose Yglesias. These and others have helped the department develop relationships with: UMO, London’s West End, The Royal National Theatre, The Royal Shakespeare Company, The Actors’ Studio, Broadway, San Francisco Mime Troupe, Free Theatre of Munich, The Chichester Festival, The Edinburgh Festival, The Spoleto Festival, Yale Repertory Theatre, and Habimah Theatre in Israel.

**Requirements for the B.A. Degree with a Major in Theatre**

**Prerequisites (State Mandated Common Prerequisites)**

For students transferring from a Community College: Students are encouraged to complete the A.A. degree at the
community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the courses below recommended. Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. However, admission to the upper-level Theatre Performance program is by audition and admission to the upper-level Design sequence is by portfolio review. If the student does not succeed in passing the audition or portfolio review certain Theatre program requirements may have to be repeated until successful completion of the audition or portfolio review can be achieved.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. A “C” average in the major is required for graduation. If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements:

- THE 2300 Introduction to Theatre
- or any introductory course from 001-035 at the 1 or 2 level
- THE 2305 Script Analysis, 3 semester hours
- or THE 2300
- TPA 1290 Production Involvement, 1 semester hour
- or THE X925, 1 semester hour
- TPA 2200 Introduction to Technical Theatre I, 3 semester hours
- or TPA 2210, 3 semester hours
- TPP 1190 Studio Theatre-Cast, 1 semester hour
- or TPP 2190, 1 semester hour
- TPP 2100 Voice-Body-Improvisation, 3 semester hours
- or TPA 2210, 3 semester hours
- PLUS nine hours of any combination of THE, TPA, and TPP courses.

The students may choose one of three areas for the B.A. degree: Performance, Design or Theatre Arts. Common to all is the following core, normally taken in the years indicated:

### Core Curriculum (33 hours)

**First Year (14 hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 2020</td>
<td>Introduction to Theatre</td>
<td>3</td>
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<tr>
<td>TPP 2110</td>
<td>Voice-Body Improvisation</td>
<td>3</td>
</tr>
<tr>
<td>TPA 2200</td>
<td>Intro to Technical Theatre I</td>
<td>3</td>
</tr>
<tr>
<td>TPP 2290L</td>
<td>Intro to Technical Theatre Lab I</td>
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<td>TPA 2211</td>
<td>Intro to Technical Theatre II</td>
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<tr>
<td>TPA 2291L</td>
<td>Intro to Technical Theatre Lab II</td>
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**Second Year (8 hours)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>THE 2305</td>
<td>Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Choice of:</td>
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</tr>
<tr>
<td>THE 3110</td>
<td>Theatre History I - XMW</td>
<td>3</td>
</tr>
<tr>
<td>THE 3111</td>
<td>Theatre History II - XMW and</td>
<td>3</td>
</tr>
<tr>
<td>TPA 2292</td>
<td>Production Involvement I</td>
<td>1</td>
</tr>
<tr>
<td>TPP 2190</td>
<td>Studio Theatre Performance I</td>
<td>1</td>
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</table>

**Third Year (8 hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Choice of two Theatre History/Literature:</td>
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</tr>
<tr>
<td>THE 3110</td>
<td>Theatre History I - XMW</td>
<td>3</td>
</tr>
<tr>
<td>THE 3111</td>
<td>Theatre History II - XMW</td>
<td>3</td>
</tr>
<tr>
<td>THE 4180</td>
<td>Theatre Origins -6A -XMW-XLW</td>
<td>3</td>
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<tr>
<td>THE 4320</td>
<td>Theatre of Myth and Ritual-6A-XMW-XLW</td>
<td>3</td>
</tr>
<tr>
<td>THE 4330</td>
<td>Shakespeare for the Theatre -6A-XMW-XLW</td>
<td>3</td>
</tr>
<tr>
<td>THE 4360</td>
<td>19th Century Theatre Revolution-6A-XMW-XMW</td>
<td>3</td>
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<tr>
<td>THE 4401</td>
<td>O’Neill and After -6A-XMW-XLW</td>
<td>3</td>
</tr>
<tr>
<td>THE 4434</td>
<td>Caribbean Theatre -6A-XMW-XLW</td>
<td>3</td>
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<tr>
<td>THE 4435</td>
<td>Theatre of Pluralism -6A-XMW-XLW</td>
<td>3</td>
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<td>THE 4442</td>
<td>Comedy of Classic &amp; Neoclassic Stage-6A-XLMW</td>
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<td>THE 4480</td>
<td>Drama Special Topics</td>
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**Fourth Year (3 hours)**

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<tr>
<td>THE 4562</td>
<td>Contemporary Performance Theory -6A-XMW-XLW</td>
<td>3</td>
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</table>

### Theatre Core:

- General Education: 36
- Language: 8-10
- Exit Courses: 9
- Fine Arts (Non-Theatre): 6
- Theatre Core: 33
- Total Hours: 120

### Performance Concentration (BA Degree)

<table>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPP 3020</td>
<td>Acting Studio I</td>
<td>8</td>
</tr>
<tr>
<td>TPP 3021</td>
<td>Acting Studio II</td>
<td>8</td>
</tr>
<tr>
<td>Additional TPP Courses</td>
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<td>9</td>
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<tr>
<td>Free Electives</td>
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<td>5-7</td>
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<tr>
<td>Total Hours</td>
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<td>26-28</td>
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</table>

### Design Concentration (BA Degree)

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<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>GENERAL EDUCATION</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>LANGUAGE</td>
<td></td>
<td>8-10</td>
</tr>
<tr>
<td>EXIT COURSES</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>FINE ARTS (NON-THEATRE)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>THEATRE CORE</td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>TOTAL HOURS</td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>

### Required Courses for Areas of Study in Theatre

**Theatre Arts Concentration (BA Degree)**

The Theatre Arts Concentration is intended for the student who, in consultation with the Theatre Advisor, wishes to construct his/her own degree program from a broad spectrum of theatre courses. In addition to courses in performance and design, areas of study available are Puppetry, Playwriting, Stage Management, Directing, Literature and Criticism.

### REQUIRED COURSES FOR AREAS OF STUDY IN THEATRE

- General Education: 36
- Language: 8-10
- Exit Courses: 9
- Fine Arts (Non-Theatre): 6
- Theatre Core: 33
- Total Hours: 120

### Performance Concentration (BA Degree)

- General Education: 36
- Language: 8-10
- Exit Courses: 9
- Fine Arts (Non-Theatre): 6
- Theatre Core: 33
- Total Hours: 120

### Design Concentration (BA Degree)

- General Education: 36
- Language: 8-10
- Exit Courses: 9
- Fine Arts (Non-Theatre): 6
- Theatre Core: 33
- Total Hours: 120
TPA 3007 Introduction to Design I 3
TPA 3008 Introduction to Design II 3
TPA 3208 Drafting and CAD I 3

Plus TWO
TPA 3231 Costume Construction 3
TPA 3221 Lighting Theory and Practice 3
TPA 3251 Drafting and CAD II 3

AND
THE 4283 Architecture and Decor 3
THE 4264 Costume History 3
TPA 4011 Design Studio I 3
Free Electives 2-4

Total Hours 26-28

**Requirements for a Minor in Theatre**

**THE 2020 Introduction to Theatre** 3
TPP 2110 Voice and Body Improvisation 3
TPP 2190 Studio Theatre Performance I 1
TPA 2292 Production Involvement I 1
TPA 2220 Intro to Technical Theatre I 3
TPA 2290L Intro to Technical Theatre Lab I 1
TPA 2291 Intro to Technical Theatre Lab I 3
TPA 2291L Intro to Technical Theatre Lab II 1

A minimum of 7 credits chosen from THE, TPP, TPA courses with the approval of the advisor. All audition and portfolio requirements apply. A minimum of 12 credits must be taken in the USF School of Theatre & Dance.

**VISUAL & PERFORMING ARTS FACULTY**

**Art and art history**

*Director:* W. Wilson; *Distinguished Professor - Dean Emeritus:* D. Saff; *Dean Emeritus - Professor Emeritus:* H. W. Covington; *Chair Emeritus-Professor Emeritus:* G. Pappas; *Professors:* J. M. Kronsnoble, C. P. Lyman, L. Marcus, M. A. Miller; *Associate Professors:* R. Beckman, E. A. Fraser, V. Hirt, T. E. McLaughlin, B. Shanks, H. Szepe, D. R. E. Wright, T. F. Wujcik; *Assistant Professors:* W. Babcox, R. Berg, R. Borcila, E. Condon, H. Elahi, R. Lawrence; *Instructor:* D. H. Elmeer; *Assistant in Media Technologies:* G. Maddison; *Assistant in Student Advising:* R. Olinger.

**Music and music education**


**Theatre and dance**

*Director:* B. Lee; *Emeritus Professor:* P. Massie; *Professors:* D. M. Calandra, P. Finelli, B. Lee, W. A. Lorenzen, C. Steele, G. W. Warren, L. Wimmer; *Associate Professors:* J. W. Belt, S. Robinson, G. B. Stephens, D. K. Williams; *Assistant Professors:* R. Gordon, F. Green, J. Travers; *Instructor:* D. Frankel; *Academic Advisor:* M. L. Morris.
USF Lakeland is the heart of Florida’s High Tech Corridor

Located 30 miles east of Tampa and 40 miles west of Orlando just off the newly developed Polk Parkway, the University of South Florida Lakeland (USF Lakeland) is located at the heart of the emerging Florida High Tech Corridor (FHTC). FHTC is attracting high tech industry in five sectors to include Information Technology, Medical Technologies, Microelectronics, Modeling, Simulation and Training, and Optics and Photonics. USF Lakeland leads the entire University in the field of Information Technology and brings to the FHTC and you, benefits including business partnerships, internships, research endeavors, and growth in economic development by providing an educated workforce attracting new companies to the area.

Beyond the FHTC initiative, USF Lakeland leads Central Florida as an innovator in education. With a focus on the needs of the community and its citizens, USF Lakeland has embraced opportunities to develop new academic and certificate programs responsive to the needs of local hospitals, businesses, and agencies. Fast track programs have been designed to fit your needs and those of employers. New full degree programs are continuously offered for your convenience. Furthermore, USF Lakeland goes beyond the walls of the primary campus and provides many full degree programs at off campus sites.

Our reputation for quality education is a promise - it delivers a pledge of satisfaction and accomplishment. As future leaders, our students will face challenges that haven’t been thought of. The ability to learn, communicate, think, create and innovate will determine success. Our commitment to integrity means we must prepare students for these challenges.

Education within your reach

According to the publication, “Top American Research Universities,” the University of South Florida is ranked one of the top 100 Universities in the entire nation. As a Doctoral/Research extensive institution, the highest educational ranking available, USF Lakeland is dedicated to serving the citizens of Central Florida, in a regional setting. The Lakeland campus is a distinctive, locally available University with premier research and instructional status.

USF Lakeland, established in 1986, USF Lakeland serves over 1,800 students, offering 20 complete undergraduate and graduate degrees through the colleges of Arts and Sciences, Business, Education, Engineering, Information Technology, and Nursing. The campus also supports a number of individual classes, electives, web-based courses, certificate programs and program partnerships with the main campus in Tampa.

USF Lakeland partners with the local community colleges including Polk Community College (PCC), South Florida Community College (SFCC), Valencia Community College - Osceola (VCC-Osceola), and Hillsborough Community College - Plant City (HCC-Plant City). Specifically, these partnerships provide a 2+2 educational opportunity by allowing you to obtain your first two years (A.A. or A.S.) from the local community college, then completing your baccalaureate and/or graduate degree through USF Lakeland. This collaboration allows you to obtain a 4-year degree, as well as a graduate degree, without leaving your community. In addition to the programs offered at USF Lakeland from a campus shared with PCC, USF Lakeland and SFCC have recently joined together to provide a complete undergraduate program in Elementary Education and a graduate program in Educational Leadership at the SFCC Avon Park campus. Plans are underway for additional courses and complete degree program offerings at various off-campus sites including HCC-Plant City.

List of Majors and Programs
Undergraduate Degrees
- Criminology
- Elementary Education
- Engineering Information Systems
- General Business Administration
- Industrial Engineering
- Information Technology
- Interdisciplinary Social Science
- Nursing, RN
- Psychology
- Special Education
- Teacher Certification

Graduate Degrees
- Business Administration, MBA
- Civil and Environmental Engineering*
- Counselor Education, M.A.
- Electrical Engineering*
- Engineering Management*
- Reading Education, M.A
- Social Work, MSW
- Special Education, M.A.T.

Undergraduate Academic Minor
Leadership Studies

*FEEDS = Florida Engineering Education Delivery System, televised courses

Certificate Programs
- Information Technology Management (15 credit hours)
- Information Technology Professional (30 credit hours)

Type
- Doctoral/Research Extensive, State University
- Offering upper-level undergraduate, graduate, doctoral and certificate programs

Enrollment
1,800 students

Student-Faculty Ratio
13:1

Average Age
28

Full-Time vs. Part-Time
- 33% Full-time
- 67% Part-time

Location
At the heart of the emerging Florida High Tech Corridor

Geographic Diversity
Students come from Polk, Highlands, Hardee, Eastern Hillsborough counties and other surrounding counties within a 100 mile radius of USF Lakeland.

Points of Pride
USF Lakeland’s Master’s in Educational Leadership is the most innovative program in the State of Florida. It provides fast-track options and alternative course delivery to counteract the affects of the state’s Drop Retirement Program leaving districts with many Principal vacancies.

USF Lakeland’s Information Technology Department is the only department of its kind for the University of South Florida, and is housed entirely on the Lakeland campus. In the University’s
history, this is a first for a regional campus to house and operate an entire department.

**ACADEMIC PROGRAMS OFFERED AT LAKELAND DEGREE REQUIREMENTS**

**CRIMINOLOGY (CCJ)**
The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

**Recommended Prerequisites (State Mandated Common Prerequisites)**
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

_There are no State Mandated Common Prerequisites for this degree program._

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in “on-campus” courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

**Requirements for the Major in Criminology**

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
   - CCJ 3024 (3)^
   - CCJ 3610 (3)^
   - CCJ 3701 (3)^*
   - CCJ 4934 (3)

2. At least two of the following substantive courses:
   - CJC 4010 (3)
   - CJE 4114 (3)
   - CJC 4100 (3)
   - CJE 4010 (3)

3. 18 semester hours of electives within the major.

*These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

**Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.**

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department’s “2 D” Rule.

**ELEMENTARY EDUCATION**

**Requirements for the B.S. Degree (BEE):** In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

**Elementary Education with ESOL Endorsement**
The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL 1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

**Prerequisites (State Mandated Common Prerequisites):** These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

- EDF 2005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)^*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.
Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

**Professional Education (35-36 credit hours):**
- EDF 3122 Learning and the Developing Child 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EGD 4620 Curriculum and Instruction 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 2-3
- FLE 4316 Language Principles and Acquisition 2
- FLE 4317 Teaching LEP Students K-12 3
- EDG 4909 Second Language Acquisition and Literacy 3
- EDE 4940 Internship 12

**Specialization (40 credit hours):**
- EDE 4301 Classroom Management, School Safety, Ethics, Law, and Elementary Methods 3
- EDE 4941 Childhood Education Internship Level I 3
- HLP 4722 Health and Physical Education for the Child 2
- EDE 4942 Childhood Education Internship Level II 6
- LAE 4314 Teaching Writing 3
- LAE 4414 Teaching Literature in the Elementary Schools 3
- MAE 4310 Teaching Elementary School Mathematics I 3
- MAE 4326 Teaching Elementary School Mathematics II 3
- RED 4310 Reading and Learning to Read 3
- RED 4511 Linking Literacy Assessment to Instruction 3
- SCE 4310 Teaching Elementary School Science 3
- SSE 4313 Teaching Elementary School Social Studies 3
- EDG 4909 Creative Experiences for the Child 3

**GENERAL BUSINESS (GBA):**

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

**Requirements for the B.A./B.S. Degree:** Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

*One exception:* A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

**Requirements for a Minor in Business Administration (Non-Business Majors Only):** Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business Administration by demonstrating competence in the use of computers.

1. The course requirements are as follows:
   - ACG 3074 Managerial Accounting for Non-Business Majors* 3
   - ECO 1000 Basic Economics** 3
   - FIN 3403 Principles of Finance 3
   - MAN 3025 Principles of Management 3
   - MAN 4XXX Managerial Applications (see advisor) 3
   - MKT 3023 Basic Marketing 3
   - Total 18

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.
**ECO 2013 & ECO 2033 can be substituted for ECO 1000.

**INDUSTRIAL ENGINEERING**

Departmental Policies

In addition to the College’s graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirements.
3. All graduating seniors must take the Fundamentals of Engineering Examination.

**Four-Year Curriculum in Industrial and Management Systems Engineering**

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

**Communications:**
- ENC 1101/1102 English I and II (6)

**Humanities & Social Sciences:**
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

**Mathematics:**
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)
- *or MAC 2281, MAC 2282, MAC 2283

**Natural Sciences:**
- CHM 2045 CHM 1045* (3)
- CHM 2045L CHM 1045L* (1)
- PHY 2048 PHY 2048 (3)
- PHY 2048L PHY 2048L (1)
- PHY 2049 PHY 2049 (3)
- PHY 2049L PHY 2049L (1)
Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

Industrial Engineering Admissions Requirements
Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

The schedule that follows indicates how a diligent student who can devote full time to coursework can satisfy requirements in four academic years. Students without a solid foundation or those who cannot devote full time to academics should plan a slower pace.

Semester I
CHM 2041 Chemistry I 3
CHM 2045L Chemistry I Lab 1
EGN 3000 Foundations of Engineering 1
ENC 1101 Composition I 3
MAC 2281 Engineering Calculus I 4
Social Science Elective 3
Total 15

Semester II
CHM 2042 Chemistry II 3
EGN 2031 History of Technology (or Historical Perspectives elective) 3
ENC 1102 Composition II 3
MAC 2282 Engineering Calculus II 4
PHY 2048 Physics I 3
PHY 2048L Physics I Lab 1
Total 17

Semester III
EGN 3443 Engineering Statistics 3
MAC 2283 Engineering Calculus III 4
PHY 2049 Physics II 3
PHY 2049L Physics II Lab 1
Historical Perspectives 3
Total 14

Semester IV
EGN 3311 Statics 3
EGN 3373 Electrical Systems Engineering I 3
EGN 4450 Linear Systems 2
MAP 2302 Differential Equations 3
Fine Arts Elective 3
Total 14

Summer Term
EGN 1113 Engineering Graphics 3
EGN 3613 Engineering Economy I 3
ALAMEA Elective 3
Total 9

Semester V
COP 2510 Programming Concepts 3
EGN 3365 Materials Engineering I 3
EIN 4312C Work Analysis 3
EIN 4411 Manufacturing Processes 3
ESI 4312 Deterministic OR 3
Total 15

Semester VI
EGN 3343 Thermodynamics 3
EIN 4333 Production Control 3
ESI 4221 Industrial Statistics/Quality Control 3
ESI 4313 Probabilistic OR 3
Tech Elective Engineering Science 3
Total 15

Semester VII
EIN 4364C Facilities Design I (MW/MI) 3
EIN 4933 Management Cost 3
ESI 4244 Design of Experiments 3
ESI 4523 Industrial Systems Simulation 3
Tech Elective Industrial Engineering 2
Total 14

Semester VIII
EIN 4313C Human Factors (6A) 3
EIN 4365 Facilities Design II 3
EIN 4601 Automation/Robotics 3
ENC 3211 Communication for Engineers (6A L&W) 3
Social Science Elective 3
Total 15

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3211 and EIN 4313 or by completing an AA degree at a Florida Community College. Exit Requirements in Major Works/Major Issues (MW/MI) and Literature and Writing (L&W) are fully met through ENC 3211 and EIN 4364.

Bachelor of Science in Information Technology

The Mission of the Information Technology Program is to provide high quality educational opportunities for students interested in pursuing careers in the broad range of fields that support our computer/information-based society and economy. Additionally to utilize the resources of the program to provide service to society; and to emphasize to students the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus. Specifically the program aspires to:

1. Lead to the advancement of Information Technology through nationally recognized education at the undergraduate level, as well as technology transfer to regional industries and businesses;
2. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning;
3. Educate undergraduates in the best practices of the field as well as integrate the latest research and practices into the curriculum;
4. Emphasize the development of problem solving and communication skills as an integral component of the educational process and the later practice of the discipline;
5. Provide quality learning experiences through highly interactive techniques of course delivery that will include the use of electronic support equipment as well as newly developing distance learning technologies.

Objectives
The Information Technology program graduates will:
1. Have the requisite education and skills to be immediately employable as professionals in our computer/information-based society
2. Be prepared to enter into graduate studies in a number of related graduate programs
3. Be ethical and responsible members of their profession and society as a whole
4. Be well founded in the variety of sub-disciplines that comprise Information Technology which include basic principles of computation, mathematics, science and engineering.
The Information Technology (IT) program is designed to bridge the gap between computer science and management information systems. The emphasis of the program is on knowledge-based computer and information technology, traditional computer science concepts, as well as more practical topics including programming, applications, and networking, systems administration and the management of a variety of computing environments (in an era of rapidly changing technology). IT students will take coursework in computer organization, human-computer interface, data structures, operating systems, networking, databases, and software engineering. Electives can include such application areas as: advanced database, advanced networking, web page design and administration, and e-commerce as well as a variety of other related areas. Through a broad based set of electives, IT students will be able to tailor their program to satisfy individual preferences and strengths.

Students completing the IT program will qualify for a broad range of positions in computer-intensive businesses and industries such as: programmer analyst, systems analyst, database administrator, network administrator, computer resource manager, systems development manager, and information technology management, to name a few.

In addition to the University’s graduation requirements, the program has the following policies:
1. Mandatory academic advising of each student each term,
2. Exit interviews as a graduation requirement for all students, and
3. Only grades of C and above in IT courses can be used to fulfill graduation requirements.

Four-Year Curriculum in Information Technology

| Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshmen requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. These courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

| PSY XXXX Any Psychology Course |
| STA X023 Intro to Statistics |
| ECO X013 Macroeconomics |
| CGS XXXX Any Database Course |
| COP 2XXX Any Computer Programming Course |
| COP 2XXX Any Object-Oriented Computer Programming Course |
| MAC XXXX Pre-Calculus Course |
| PHY XXXX Any Physics Course |
| M** XXXX Discrete Mathematics Course |

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

**Semester I**
- CGS 2100 Computers in Bus. 3
- ENC 1101 Composition I 3
- MAC 1147 Coll. Alg. and Trig. 3
- Gen. Ed. 6
- Total 15

**Semester II**
- COP 2510 Programming Concepts 3
- ENC 1102 Composition II 3
- MAD 3100 Discrete Math 3
- ECO 2013 Economic Principles (Macro.) 3
- PSY 2012 Psychological Science I 3
- Total 15

**Semester III**
- Natural Science 3
- COP XXXX OO Programming (e.g., C++) 3
- Electives 9
- Total 15

**Semester IV**
- STA 2023 Introductory Statistics I 3
- PHY 2020 Conceptual Physics 3
- Fine Arts 3
- Electives 6
- Total 15

**Semester V**
- COP 3515 Program Design for Information Technology 3
- CDA 3101 Computer Organization for Information Technology 3
- ENC 3211 Communication for Engineers 3
- INR 3033 International Political Cultures 3
- CEN 3722 Human Computer Interfaces for IT 3
- Total 15

**Semester VI**
- EEL 4854 Data Structures and Algorithms for IT 3
- COP 4610 Operating Systems for IT 3
- ENC 4260 Advanced Technical Writing 3
- COP 3451 IT Concepts 3
- IT Approved Electives 3
- Total 15

**Semester VII**
- CIS 4703 Database Systems for IT 3
- CEN 4031 Software Engineering Concepts for IT 3
- EEL 4782 Computer Information Networks for IT 3
- IT Approved Electives 6
- Total 15

**Semester VIII**
- COP 4930 Information Technology Seminar 1
- CIS 4935 Senior Project in IT 3-5
- CIS 4253 Ethical Issues for Information Technology 3
- IT Approved Electives 3
- Total 13 - 15

**POST-BACCALAURATE CERTIFICATE PROGRAMS IN INFORMATION TECHNOLOGY (IT)**

There are two Post-Baccalaureate Information Technology (IT) Certificates available. Both Certificates are designed for students who hold bachelor’s degrees in fields other than IT, but do not seek either a master’s degree or a complete undergraduate degree in IT.

The IT Management Certificate (15 semester hours) is designed to provide the student an application-oriented managerial background in IT. The typical student pursuing this certificate is not looking to change careers, but rather looking to enhance their technical abilities in their existing job. A four year Bachelor’s degree plus some prerequisites are required to enter the IT Management Certificate Program.

The IT Professional Certificate (30 semester hours) is designed to help students change careers, i.e. begin a new career as an IT Professional. All classes (15 hours) taken in the IT Management Certificate directly apply toward the IT Professional Certificate. Therefore, each student having completed the IT Management Certificate will only need 15 additional
hours to complete the IT Professional Certificate. However, certain additional prerequisites may be required of the student prior to taking the advanced technically oriented classes contained in the IT Professional Certificate.

Students wanting to enter one of the IT Certificate programs, need to fill out an application to apply and have an official transcript sent from the College or University where they completed their undergraduate degree. The transcript is used to first verify that the student completed their undergraduate degree and second to identify if any additional prerequisite classes that may be required.

**IT MANAGEMENT CERTIFICATE**

The prerequisites to enter the IT Management Certificate program is a four year undergraduate degree plus the following:

1. **MACxxxx** Pre-Calculus 3 hrs.
2. **STA2023** Intro. To Statistics 3 hrs.
3. **Any Basic Computer Skills Course** 3 hrs.

(Word Processing, Spreadsheets, Windows, etc.) NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

- **ETG 3931 ST: IT Electronic Commerce** 3
- **CIS 3722** IT Human Computer Interface 3
- **ETG 4931** IT Web Page Design & Adm. 3
- **COP 4930** IT Seminar 3
- **CIS 4925** IT Senior Project 3
- **ENG 4260** Advanced Technical Writing 3
- **CIS 4361** IT Security Management 3
- **CIS 4412** IT Resource Management 3
- **IT Current Topics** 3
- **IT Approved Elective** 3

**IT PROFESSIONAL CERTIFICATE**

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. **STA 2023** Intro. To Statistics 3 hrs.
2. **CGS xxxx** Any Data Base 3 hrs.
3. **COP 2xxx** Computer Programming 3 hrs.
4. **COP 2xxx** OO Programming 3 hrs.
5. **MAC xxxx** Pre-Calculus 3 hrs.
6. **xxxx** Discrete Mathematics 3 hrs.

**NOTE:** The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 3515</td>
<td>IT Program Design</td>
<td>3</td>
</tr>
<tr>
<td>COP 4610</td>
<td>IT Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>COP 4610L</td>
<td>IT Operating Systems Lab</td>
<td>1</td>
</tr>
<tr>
<td>CDA 3200</td>
<td>IT Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>EEL 4854</td>
<td>IT Data Structures and Algorithms</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

- **Electives (18 credit hours):**

  - **ETG 3931** ST: IT Electronic Commerce 3
  - **CIS 3722** IT Human Computer Interface 3
  - **CIS 4500** IT Database Systems 3
  - **CEN 4031** IT Software Engineering 3
  - **EEL 4782** Computer Information Networks for IT 3
  - **EEL 4782L** Computer Information Networks for IT Lab 1
  - **ETG 4931** IT Web Page Design and Administration 3
  - **COP 4930** IT Seminar 3
  - **CIS 4935** IT Senior Project 3
  - **ENC 4260** Advanced Technical Writing 3
  - **CIS 4361** IT Security Management 3
  - **CIS 4412** IT Resource Management 3
  - **IT Current Topics** 3
  - **IT Approved Elective** 3

**Total** 30

- **INTERDISCIPLINARY SOCIAL SCIENCES (ISS)**

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

**Recommended Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of “C” is the minimum acceptable grade.

- **AFA 2000** Introduction to the Black Experience (3)
- **AMH 2010** American History I (3)
- **CIS 3010** Introduction to Social Sciences (3)
- **CIS 3020** Advanced Technical Writing (3)
- **CIS 4935** IT Senior Project (3)
- **ENC 4260** Advanced Technical Writing (3)
- **CIS 4361** IT Security Management (3)
- **CIS 4412** IT Resource Management (3)
- **IT Current Topics** (3)
- **IT Approved Elective** (3)

**Interdisciplinary Core Courses**

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

**Coursework required for Interdisciplinary Social Sciences Majors**

1. **Required core courses for the major are:**

   - **ISS 3010** Introduction to Social Sciences (3)
   - **ISS 4935** Seminar in the Social Sciences -MW (3)
   - **STA 2122** Social Sciences Statistics -6A QM (3)
2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.

3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed will automatically count toward the ISS degree.

4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.

5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.

6. ISS majors must satisfy two semesters of a foreign language in order to graduate.

7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

Cognate Areas - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

- Africana Studies, American Studies, Anthropology, Communication Sciences and Disorders, Criminology, Economics, Environmental Science and Policy, Gerontology, Geography, History, Humanities, International Studies, Latin American Studies, Library and Information Science, Political Science; Psychology; Public Administration, Religious Studies, Social Work, Sociology, and Woman’s Studies.

Nursing Program (for Registered Nurses)

The registered nurse sequence is designed so that registered nurses can enroll in the nursing major on a full-time or on a part-time. Registered nurses who enroll as full-time students may complete requirements for the bachelor’s degree in three semesters. If they enroll as part-time students, the degree requirements can be completed in six semesters.

Registered nurse students are admitted to the College each semester and may apply according to University admission deadlines. Registered nurse students desiring to transfer from other nursing programs are eligible for admission to the College on a space available basis. To be considered for transfer into the nursing major, applicants must meet University eligibility requirements. Registered nurse students are admitted to the College contingent upon completion of transcript evaluation and completion of admission requirements.

For more specific information contact the College of Nursing, Office of Student Affairs for overall requirements (974-9305) or visit the College of Nursing web site at http://www.hsc.usf.edu/nursing.

Nursing Courses - Registered Nurse Sequence

Registered nurse students are required to take the following courses:

- **NUR 3064** Physical Examination & Assessment 2
- **NUR 3064L** Clinical Experiences in Health Assessment - RN 1
- **NUR 3125** Pathophysiology for Nursing Practice 3
- **NUR 3145** Pharmacology in Nursing Practice 3
- **NUR 4636** Community/Public Health: Population Focus Nursing 3
- **NUR 4636L** Community/Public Health Nursing Clinical for the RN 3
- **NUR 4838** Leadership and Management in Professional Nursing Practice 3
- **NUR 3829** Ethical Legal Aspects Nursing/Health Care 3
- **NUR 4165** Nursing Inquiry 3
- **NUR Elective** 3

In addition to the requirements listed, the RN student must also meet all university graduation requirements as listed in the catalog.

Student Leadership Minor

The minor in Leadership Studies consists of a minimum of 18 credit hours with a “B” average (3.0). All students shall complete the first courses in the sequence and select four additional courses from the list of approved courses for the program. The series of courses is designed to help students develop personal and organizational leadership skills. The program is interdisciplinary in nature and should be of significant benefit to students in all areas of study.

The seven courses are designed to give students a practical and theoretical grasp of leadership. The basic assumption is that leadership can be learned and, therefore, taught. This program has a unique approach to leadership education that combines practical theories of leadership and learning to provide opportunities for students to study the nature of authority, leadership, social and role dynamics, political processes and the values that orient their careers. Students learn personal, diagnostic, operational, and tactical skills. In these classes, students are challenged to investigate self, context, and strategy.

- **SLS 2260** Leadership Fundamentals 3
- **SLS 4272** Survey of Leadership Readings 3
- **SLS 3948** Community Leadership Practicum 3
- **SLS 4271** Organizational Theories and Processes 3
- **SLS 4273** Theories of Leadership 3
- **SLS 4274** Ethics and Power in Leadership 3
- **SLS 4276** Images of Leadership in Print and Film 3

Psychology (PSY)

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to a concentration in Applied Behavioral Analysis, or to the Honors Program. The graduate faculty of the Psychology Department are divided into three broad program areas: Clinical, Cognitive and Neural Sciences, and Industrial/Organizational. Each of these program areas offers Ph.D.-level training as well as instruction at the undergraduate level.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable
credit, the students must meet the university’s entering freshmen requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C-” is the minimum acceptable grade.

- PSY 1012 Introduction to Psychology
- any other lower level Psychology course within the Psychology inventory
- STA XXXX Any level Statistics course (X000 - X099)
- BSC XXXX Any level General Biology course (or BSCX200-209, or ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of “C” or better must be attained in each course in the major, except for PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a grade of “C” or better must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

PSY 1012 Introduction to Psychology and any other lower level Psychology course within the Psychology inventory

Majors must complete at least 34 semester hours in the field. A minimum grade of “C” or better must be attained in each course in the major, except for PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a grade of “C” or better must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- PSY 2012 Psychological Science I (if not already taken at a community college)
- PSY 3044 Psychological Science II

2. Methods Course Requirement (7 semester hours)
- PSY 3213 Research Methods

and one of the following:
- CLP 4433 Tests and Measures
- PSY 4205 Experimental Design and Analysis
- or another methods course approved by the undergraduate advisor in Psychology.

3. 4000 Level Requirement (21 semester hours)
- Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

   **Group I**
   - EXP 4204C Perception
   - EXP 4404 Psychology of Learning
   - PSB 4013C Physiological Psychology
   - EXP 4304 Motivation
   - EXP 4523C Cognitive Psychology

   **Group II**
   - CLP 4143 Abnormal Psychology
   - INP 4004 Industrial Psychology
   - SOP 4004 Social Psychology
   - DEF 4055 Developmental Psychology
   - PPE 4004 Personality

   and any 3 additional courses numbered at the 4000 level.

**Note:** No more than a total of 3 hours of the following courses may count toward the major:
- PSY 4913 Directed Study
- PSY 4970 Honors Thesis
- PSY 4932 (Supervised Practicum) count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Requirements for the Minor in Psychology

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a “C” or better in any college-level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a “C” or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.

Concentration in Applied Behavior Analysis

Undergraduate majors working toward the B.A. in psychology may complete a structured sequence of coursework and practicum in Applied Behavior Analysis. Students are admitted to the program in the junior or senior year, after completing EXP 4404, Psychology of Learning and CLP 4414, Behavior Modification with a grade of B or better. Admission requirements further include a minimum overall USF GPA of 3.0 or better, GPA of 3.2 for Psychology coursework, completion of at least 75 hours, and three letters of recommendation. Admissions are made in the fall of each academic year. Successful completion of the concentration prepares students for employment opportunities in a variety of settings, for advanced study in Applied Behavior Analysis, and eligibility for completion of the Florida Certification Examination for Associate Behavior Analysis. Detailed information regarding the program and the admission process may be obtained from the undergraduate advisor or the program secretary.

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of an honors thesis. Application for the program will take place during the second semester of the student’s junior year or, typically, prior to completion of 90 semester credits. Admission to the program is competitive and based on the student’s overall academic record, performance in psychology courses, and a letter of recommendation from a member of the Psychology Department faculty. Successful completion of the program requires a GPA of 3.5 in major coursework, an overall GPA of 3.25 at USF, and, typically, completion of 43 hours in Psychology including PSY 4932, Honors Seminar (6) and PSY 4970, Honors Thesis (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

- **SPECIAL EDUCATION with ESOL Endorsement**

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.
Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education Core (31 credit hours):
The required courses in the professional education core are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4941 Practicum in ESE</td>
<td>6</td>
</tr>
<tr>
<td>EDF 3122 Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>EDF 3214 Human Development and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604 Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430 Measurement for Teachers</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLE 4316 Language Principles and Acquisition</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4317 Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4940 Internship: Exceptional Student Education</td>
<td>9</td>
</tr>
<tr>
<td>EEX 4936 Senior Seminar in Exceptional Student Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Area of Specialization

Varying Exceptionalities (BPX)
Students seeking the B. S. degree with certification in Varying Exceptionalities are required to take the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4011 Foundations of Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4054 Perspectives on Learning and Behavioral Disorders</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4221 Educational Assessment of Exceptional Students</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4243 Education of the Exceptional Adolescent and Adult</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4604 Behavior Management for Special Needs and at Risk Students</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4846 Clinical Teaching in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EME 4011 Mental Retardation and Developmental Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4314 Teaching Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310 Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310 Early Literacy Learning</td>
<td>3</td>
</tr>
<tr>
<td>RED 4511 Linking Literature Assessment to Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>
USF Sarasota-Manatee
A Source of Economic Development and Community Pride

USF’s Sarasota-Manatee campus is located on the county line about 60 miles south of Tampa. Situated on the beautiful Sarasota Bay and adjacent to the Sarasota-Bradenton Airport, the campus is a convenient and easily accessible location for students coming from the surrounding counties. USF Sarasota-Manatee offers upper division (junior and senior) undergraduate, graduate, and certification programs including the new School of Hotel and Restaurant Management. Full and part-time students are provided with a flexible schedule of daytime, evening, and weekend classes to accommodate commitments to work, family and community.

USF has always been on the forefront of economic development in Sarasota and Manatee counties. Leading in the production of teachers, nurses, accountants, business people and community leaders, USF Sarasota-Manatee is training a workforce that is tremendously important in this economy and community.

In 1974, USF began offering evening courses in education, business and liberal arts at some of the public schools in Sarasota and Manatee counties. In less than a year, the USF Sarasota-Manatee campus opened, providing courses for upper level undergraduates, graduates, and continuing education students. Nearly 30 years later, USF Sarasota-Manatee attracts more than 2,700 students annually to an expanded and growing schedule of offerings that includes 34 degree programs. In recognition of its strategic location, USF decided to locate its School of Hotel and Restaurant Management on this campus.

A defining moment for USF Sarasota-Manatee:
Now offering more degree programs, more scholarships, with more students graduating with honors, and with a retention rate of 92% from fall to spring semester, our students are happy with their experience. Many say the reasons for choosing USF were small class size and convenient close-to-home location. USF has expanded the market to finish degrees here on the Sarasota-Manatee campusthus more effectively serving the needs of the community.

New programs include the school of hotel and restaurant management, master’s degrees in social work, special education, and criminal justice administration. The first graduates of the MBA program have completed their studies and the MA in educational leadership now meets 100 percent of the local needs for school principals and assistant principals.

New USF Sarasota-Manatee South County classes offered at MCC Venice:
USF Sarasota-Manatee will offer classes at Manatee Community College (MCC) Venice for the first time starting in January 2004, thanks to a grant given by the Gulf Coast Community Foundation of Venice. USF Sarasota-Manatee will offer classes in business, elementary education and interdisciplinary social science to students who will now be able to obtain a bachelor’s degree.

List of Majors and Programs:
Undergraduate Degrees
- College of Arts and Sciences
  - Criminology
  - English and American Literature
  - History

- College of Business
  - Accounting
  - Finance
  - General Business Administration
  - Information Technology

- College of Education
  - Early Childhood Education
  - Elementary Education
  - Secondary English Education
  - Secondary Social Science

- College of Nursing
  - RN to BSN Nursing

- College of Undergraduate Studies
  - School of Hotel and Restaurant Management
  - Hospitality Management
  - Information Technology

- College of Nursing
  - MA Nurse Practitioner

Endorsement (Certificate):
- Reading Education

2002-2003 Enrollment
2,536 Students
Average Age (Mean Age-Fall 2003)
Undergraduate: 29
Graduate: 36

Full-Time vs. Part-Time (Fall 2003)
45 % Full-Time
55 % Part-Time

Location
Fastest Growing Area on the Southwest Coast of Florida

Geography Diversity
Students come from Sarasota, Manatee, DeSoto, Charlotte, Lee, southern Hillsborough counties and other surrounding counties.

Points of Pride:
- USF Sarasota-Manatee is producing a trained workforce of teachers, principals, accountants, nurses, and community leaders.
- The first state school to offer a Hotel and Restaurant Management program in Florida.
- Partnerships with local business and economic development councils to remain attuned to community needs.
- Partnership with local community colleges to offer 2+2 degrees easier and convenient to home.

ACADEMIC DEGREE PROGRAM REQUIREMENTS

College of Arts and Sciences

- **CRIMINOLOGY (CCJ)**
The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in “on-campus” courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology
A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:
1. Each of the following core courses:
   - CCJ 3024 (3)*
   - CCJ 3610 (3)*
   - CCJ 3701 (3)**
   - CCJ 4934 (3)
2. At least two of the following substantive courses:
   - CJL 3110 (3)
   - CJL 4114 (3)
   - CJ 4410 (3)
   - CJ 4010 (3)
3. 18 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.
** Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of “D” or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology
The Department of Criminology offers a minor in Criminology. The minor consists of:
1. Two required courses:
   - CCJ 3024 (3)
   - CCJ 3610 (3)
2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
   - CJL 3110 (3)
   - CJL 4114 (3)
   - CJ 4410 (3)
   - CJ 4010 (3)

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department’s “2 D” Rule.

- **ENGLISH (ENG)**

Requirements for the Major in English
Prerequisites (State Mandated Common Prerequisites)
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.
The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C-” is the minimum acceptable grade.

- ENC 1101 Composition
- ENC 1102 Composition II

or

Six semester hours earned in courses taught in the English Department, EACH with 6,000 words of evaluated writing for a TOTAL of 12,000 words.

Suggested electives:
- AMH 2010 American History I
- AMH 2020 American History II
- EUH 2021 Medieval History I
- EUH 2022 Medieval History II

Upper-level coursework in the English Major:

- The program in English provides three areas of specialization (divided into three degree-options below):
  - English and American literature - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.
  - Creative writing - The creative writing option includes training in writing fiction and poetry and study of English and American literature.
  - Professional and technical writing - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

- The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of “D” will not be counted toward fulfilling the major requirements. Grades of “D” or “F” in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study courses from Group 2, and one course from Group 3 and/or Group B.

Option I: English and American Literature

Twelve courses (36 hours) as follows:

1. Two of the following:
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945

2. Four of the following:
   - ENL 3015 British Literature to 1616
   - ENL 3230 British Literature 1616-1780
   - ENL 3251 British Literature 1780-1900
   - ENL 3273 British Literature 1900-1945
   - ENL 3331 Early Shakespeare
   - ENL 3332 Late Shakespeare

3. Five of the following, at least two of which must be from Group A:

   Group A:
   - AML 4111 19th Century American Novel
   - AML 4121 20th Century American Novel
   - ENL 4122 British Novel through Hardy
   - ENL 4132 British Novel: Conrad to the present
   - ENL 4311 Chaucer
   - ENL 4338 Advanced Studies in Shakespeare
   - ENL 4341 Milton
   - LIT 3101 Literature of the Western World Through the Renaissance
   - LIT 3102 Literature of the Western World Since the Renaissance

- The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

- Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours and, in some cases, receive compensation from their employers for their duties.

OPTION II: PROFESSIONAL AND TECHNICAL WRITING

This 36-hour program allows undergraduates to concentrate their studies in professional writing, wherein they will master special writing skills demanded by industry, business, government, and the professions. The English Department may arrange semester-long internships with local businesses, industries, and professional organizations. Interns will earn three credit hours and, in some cases, receive compensation from their employers for their duties.

Students choosing this concentration will also assure themselves of a core of liberal arts studies since they must take 21 credit hours of literature courses in addition to 15 hours of composition courses.

1. Composition requirements:
   - Five of the following:
     - CRW 2100 Narration and Description
     - ENC 2210 Technical Writing
     - ENC 3213 Advanced Composition
     - ENC 4311 Advanced Composition
     - ENC 4931 Selected Topics in Professional and Technical Writing

2. Literature requirements:
   - The student must select seven literature courses from those listed in OPTION I. Two courses must be from Group 1, four courses from Group 2, and one course from Group 3 and/or Group 4.

- HISTORY (HTY)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke and to challenge our students to a higher level of understanding of the past. History at South Florida offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Group B
- AML 3031 American Literature to 1860
- AML 3032 American Literature 1860-1912
- AML 3051 American Literature 1912-1945
- AML 3604 African-American Literature
- AML 4261 Literature of the South
- AML 4330 Selected American Authors
- ENG 4060 History of the English Language
- ENL 3015 British Literature to 1616
- ENL 3230 British Literature 1616-1780
- ENL 3251 British Literature 1780-1900
- ENL 3273 British Literature 1900-1945
- ENL 3331 Early Shakespeare
- ENL 3332 Late Shakespeare
- ENL 4303 Selected British Authors
- LIN 4671 Traditional English Grammar
- LIN 4680 Structure of American English
- LIT 3022 Modern Short Novel
- LIT 3043 Modern Drama
- LIT 3073 Contemporary Literature
- LIT 3144 Modern European Novel
- LIT 3374 Bible as Literature
- LIT 3410 Religious and Existential Themes
- LIT 3700 Survey of Poetry
- LIT 4930 Selected Topics in English Studies
- ENG 4013 Literary Criticism

(Required for Literature majors)
Requirements for the Major in History

A minimum of 32 semester hours is required for a major in history. A minimum grade of "C" or better must be attained in each course used toward the 32-hour requirement. However, grades of "D" or "F" in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a "C." These courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Lower-level Course Requirements for the Major

A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major

A minimum of 20 hours of course work from the 3000-4000 level is required to fulfill the 32-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 12 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, "Expository Writing," SPC 2600, "Public Speaking," and LIS 2937, "Library/Internet Research Skills." Additional hours can be profitably drawn from the following disciplines: Africana Studies, American Studies, Anthropology, Classics, Economics, Geography, Government and International Affairs, Psychology, Philosophy, Religious Studies, Sociology, Women's Studies, Literature, the Humanities, and the Fine Arts. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for major field credit.

Requirements for the Minor

The minor in History entails a 15-hour program organized and contracted by the student and the department around the specific needs of the student's major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of "C" or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled "Issues in History" (HIS 3938) and "War and Society" (HIS 3308) are not eligible for minor field credit.

INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of "C" is the minimum acceptable grade.

AFA 2000 Introduction to the Black Experience

AMH 2010 American History I

AMH 2020 American History II

ANT 2000 Introduction to Anthropology

Eco 2013 Economic Principles (Macroeconomics)

Eco 2023 Economic Principles (Microeconomics)

GEA 2000 World Regional Geography

POS 2041 American National Government

POS 2112 State and Local Government

SYG 2000 Introduction to Sociology

WST X015 Introduction to Women's Studies

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
   - ISS 3010 Introduction to Social Sciences (3)
   - ISS 4935 Seminar in the Social Sciences - MW (3)
   - STA 2122 Social Sciences Statistics - 6A GM (3)

2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.

3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed will automatically count toward the ISS degree.
4. The completion of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.
5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
6. ISS majors must satisfy two semesters of a foreign language in order to graduate.
7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:
- Africana Studies, American Studies, Anthropology, Communication Sciences and Disorders, Criminology, Economics, Environmental Science and Policy, Gerontology, Geography, History, Humanities, International Studies, Latin American Studies, Library and Information Science, Political Science; Psychology; Public Administration, Religious Studies, Social Work, Sociology, and Woman’s Studies.

**PSYCHOLOGY (PSY)**

Psychology involves the scientific study of behavior and mental processes. Because of this focus, psychology is relevant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to a concentration in Applied Behavioral Analysis, or to the Honors Program. The graduate faculty of the Psychology Department are divided into three broad program areas: Clinical, Cognitive and Neural Sciences, and Industrial/Organizational. Each of these program areas offers Ph.D.-level training as well as instruction at the undergraduate level.

**Requirements for the Major in Psychology**

**Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshmen requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- **PSY X012 Introduction to Psychology** and any other lower level Psychology course within the Psychology inventory
- STA XXXX Any level Statistics course (X000 - X099)
- BSC XXXX Any level General Biology course (or BSC X200- X209, or ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of “C-” or better must be attained in each course in the major, except for PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

**Requirements for Psychology Majors**

1. **2000/3000 Level Requirement (6 semester hours)**
   - PSY 2012 Psychological Science I (if not already taken at a community college)
   - PSY 3044 Psychological Science II

2. **Methods Course Requirement (7 semester hours)**
   - PSY 3213 Research Methods
   - and one of the following:
     - CLP 4433 Tests and Measures
     - PSY 4205 Experimental Design and Analysis
     - or another methods course approved by the undergraduate advisor in Psychology.

3. **4000 Level Requirement (21 semester hours)**
   - Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:
     - **Group I**
       - EXP 4204C Perception
       - EXP 4404 Psychology of Learning
       - PSB 4013C Physiological Psychology
       - EXP 4304 Motivation
       - EXP 4523C Cognitive Psychology
     - **Group II**
       - CLP 4143 Abnormal Psychology
       - INP 4004 Industrial Psychology
       - SOP 4004 Social Psychology
       - DEP 4005 Developmental Psychology
       - PPE 4004 Personality

and any 3 additional courses numbered at the 4000 level.

**Note:** No more than a total of 3 hours of the following courses may count toward the major:
- PSY 4913 Directed Study
- PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of “C” or better in both PSY 3044 and PSY 3213, not “C-”. For students minoring in Psychology, a grade of “C” or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of “C” or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

**Requirements for the Minor in Psychology**

A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a “C” or better in any college-level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a “C” or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the Psychology Department Undergraduate Advisor for suggested minor programs for students majoring in various fields.
Concentration in Applied Behavior Analysis

Undergraduate majors working toward the B.A. in psychology may complete a structured sequence of coursework and practicum in Applied Behavior Analysis. Students are admitted to the program in the junior or senior year. After completing EXP 4404, Psychology of Learning and CLP 4414, Behavior Modification with a grade of B or better. Admission requirements further include a minimum overall USF GPA of 3.0 or better, GPA of 3.2 for Psychology coursework, completion of at least 75 hours, and three letters of recommendation. Admissions are made in the fall of each academic year. Successful completion of the concentration prepares students for employment opportunities in a variety of settings, for advanced study in Applied Behavior Analysis, and eligibility for completion of the Florida Certification Examination for Associate Behavior Analysis. Detailed information regarding the program and the admission process may be obtained from the undergraduate advisor or the program secretary.

Psychology Honors Program

The purpose of the Honors Program is to provide a select group of undergraduate Psychology majors an opportunity to undertake an intensive individualized research experience. The culmination of the Honors Program is the completion and defense of a written thesis. Application for the program takes place during the second semester of the student’s junior year or, typically, prior to completion of 90 semester credits. Admission to the program is competitive and based on the student’s overall academic record, performance in psychology courses, and a letter of recommendation from a member of the Psychology Department faculty. Successful completion of the program requires a GPA of 3.5 in major coursework, an overall GPA of 3.25 at USF, and, typically, completion of 43 hours in Psychology including PSY 4932, Honors Seminar (6) and PSY 4970, Honors Thesis (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

SPECIAL WORK (SOK)

The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to

1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, intervention methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environ-

ment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one’s obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program after having satisfied the admission criteria described below.

However, the completion of the prerequisites does not guarantee the student’s admission to the program. Limited funding places constraints on the size of the social work faculty and in order to maintain a high quality of instruction, it is necessary to achieve an appropriate faculty-student ratio. This means that it may be necessary to deny full admission to the B.S.W. program solely on the basis of no available space. Any student applying for full admission to the program should be aware of this possibility.

A student must maintain a GPA of 2.75 minimum in social work courses while enrolled in the program and demonstrate behaviors that are congruent with professional standards and values as described above in order to proceed in the major. Any student who fails to maintain at least a 2.75 GPA in the social work major and/or demonstrates behaviors that are incongruent with the standards and values of the profession may not proceed in the major.

A social work major receiving a grade of less than "C" in a core course will be required to repeat the course. A grade of "C-" is not considered acceptable and a student receiving a "C-" in a core course must repeat the course. Furthermore, no student will be allowed to enter field placement with a "C-" grade or below in any SOW core courses, even if the student’s GPA is 2.75 or above with the inclusion of the a "C-" grade of below. Admission to the B.S.W. program is a three-stage process, i.e., common prerequisites, provisional courses, and core curriculum. Any student who holds a minimum of sophomore status and is completing common prerequisite work in biological science, biology, economics, psychology and sociology (see specific requirements below) may declare a social work major. At this stage, students may file a declaration of major form with the College of Arts and Sciences, Office of Graduate and Undergraduate Studies. All majors will be assigned to an advisor within the School who will assist the student in selecting courses. Many students will have already taken most of the common prerequisite courses as part of general education at USF or in their course of study at a community college. After completion, a student will be ready for courses in the provisional social work major, a final step in applying for full admission to the B.S.W. program as a full major. It is necessary to be admitted as a full major before taking core social work courses.

Admission requirements for the social work full major are as follows:

1. A student must have completed a minimum of one semester as a provisional social work major.
2. A student must have completed required common prerequisite and provisional courses (see listing).
3. A student must complete an application for full admission and file it with the School of Social Work before the beginning of the semester in which admission is sought; dates will be announced in provisional courses.
4. A student may be asked to complete an admission interview with a favorable action from the Undergraduate Committee.

6. A student must have successfully completed CLAST.
A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

Requirements for the Major in Social Work

Prerequisites (State Mandated Common Prerequisites)

Social Work is a limited access program. Students wishing to transfer to USF may complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

If possible, students enrolled in community colleges should take their college equivalents of common prerequisite courses (P) and cross-cultural provisional course (P*) before entering USF. All courses must be passed with a “C” or better. A grade of “C-“ is not acceptable as a passing grade in any of the common prerequisite courses or the cross-cultural course.

SOW 3302 Introduction to Social Work and SOW 3203 American Social Welfare must be taken at USF or another accredited institution and must be completed, earning a grade of “B“ or better. A grade of “B-“ is not acceptable as a passing grade for either course.

State Mandated Common Prerequisite Courses (P)

A student must successfully complete the following courses, by earning a “C” or better. A grade of “C-“ is not acceptable as a passing grade.

One course in each of the following cognate areas

XXX XXXX American Government (American National Government or American Government) (3)
XXX XXXX Biology (Human Biology or Anatomy & Physiology) (3)
ECO XXXX Economics (Microeconomics or Macroeconomics) (3)
XXX XXXX Introductory Psychology (3)
XXX XXXX Introductory Sociology/Social Problems (3)

At USF, the following courses are recommended to meet this requirement (one course in each area):

American Government
POS 2041 American National Government (3)
POS 2112 State and Local Government and Politics (3)
POS 3182 Florida Politics and Government (3)

Biology
BSC 1005 Principles of Biology for Non-majors (3)
BSC 2022 Biology of Aging (3)
BSC 2025 Food: Personal & Global Perspectives (3)
BSC 2035 Sex and Today’s World (3)

Economics:
ECO 1000 Basic Economics (3)

Psychology:
PSY 2012 Psychological Science I (3)
PSY 3044 Psychological Science II (3)

Sociology:
SYG 2000 Introduction to Sociology (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)
SYO 3530 Poverty, Inequality, and Stratification (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)

SYO 3530 Poverty, Inequality, and Stratification (3)
SYD 4800 Gender and Society (3)
SYG 2010 Contemporary Social Problems (3)
SYD 4800 Gender and Society (3)
must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business
1. Before declaring a major in the College, students must satisfy the following criteria:
   a. Minimum of 60 semester hours of college credit earned.
   b. Minimum of a 2.5 cumulative grade point average on all college-level work and a minimum 2.0 on all credit attempted at USF, including any prior to renewal.
   c. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
      ACG X021 Financial Accounting
      (or ACG X011 & ACG X012)
      ACG X071 Managerial Accounting
      (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business Administration)
   d. General Education Requirements:
      STA X023 Introductory Statistics or QMB X100
      (or acceptable substitute)
   e. College of Business Administration prerequisites:
      ECO X013 Principles of Macroeconomics
      ECO X023 Principles of Microeconomics
      MAC X233 Elementary Calculus or MAC 2230
      STA X023 Introductory Statistics or QMB X100
   f. In computing entry grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
2. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890 provided they have completed 60 semester hours and have met course prerequisites.
3. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
4. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students
Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL
DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 ("Gordon Rule").

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

Degree Requirements

NON-BUSINESS (54 hrs. minimum) Semester Hours

1. General Education Requirements*
   a. English Composition
   b. Quantitative Methods (Calculus is required)
   c. Natural Sciences
   d. Social Sciences
   e. Historical Perspectives
   f. Fine Arts
   g. African, Latin American, Middle Eastern, or Asian Perspectives
   Total
   36

2. Liberal Arts Exit Requirements*
   a. Major Works and Major Issues
   b. Literature and Writing
   Total
   9

3. Speech/Writing Requirements for Business Majors
   a. SPC 2600 Public Speaking
   or
   COM 3110 Communication for Business and the Professions
   3

*See Liberal Arts Requirements for more details
1. Foundation Courses in Business
   Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA
   ACG 2021 Principles of Financial Accounting 3
   ACG 2071 Principles of Managerial Accounting 3
   ECO 2013 Economic Principles: Macroeconomics 3
   ECO 2023 Economic Principles: Microeconomics 3
   QMB 2100 Business & Economic Statistics I 3
   BUL 3320 Law and Business I 3
   FIN 3403 Principles of Finance 3
   ISM 3011 Information Systems in Organizations 3
   QMB 3200 Business & Economic Statistics II 3
   MAN 3025 Principles of Management 3
   MAR 3023 Basic Marketing 3
   GEB 4890 Strategic Mgmt/Decision Making 3
   Total 36

2. Major Requirements (specific courses for each major are listed in the "Departments and Programs" section below.) 18-27

3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business) 0-6

Minimum Business Credits 60-66

ELECTIVES IN BUSINESS OR NON-BUSINESS
Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met) Minimum total hours 120

USF Campuses and Teaching Sites
Due to limited enrollment and faculty, only the following campus majors are regularly offered at the regional campuses:
- St. Petersburg: Accounting, Finance, General Business Administration, Management, Management Information Systems, and Marketing
- Sarasota: Accounting and General Business Administration
- Lakeland: General Business Administration
- North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.

Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.

Student Advising and Records
The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 1406) provides the following services for College of Business Administration students:
1. Processing of student admission applications for the College of Business.
2. Academic advising and program information.
3. Orientation for undergraduate pre-business students.
4. Evaluation of undergraduate transcripts of transfer students.
5. Maintenance of academic advising records for all admitted students.
6. Certification of graduation.

Advising Offices
- Tampa Campus: Students who have fewer than 30 credit hours should contact the Center for Academic Advising, SVC 2011, (813) 974-2645. Potential majors with more than 30 credit hours should visit BSN 1406, (813) 974-4290 or schedule an advising appointment on-line: http://www.coba.usf.edu/services/ugrad/index.html.
- St. Petersburg Campus: DAV 134, (727) 553-1511
- Sarasota Campus: USS 805D, (941) 359-4331/4330
- Lakeland Campus: LLC 2100, (863) 667-7063

Office Hours
- Tampa Campus: 8am-6pm Monday-Thursday, 8am-4pm on Fridays.
- St. Pete Campus: 8am-6pm Monday-Thursday, 8am-5pm on Fridays.
- Sarasota Campus: 8am-6pm Monday-Thursday, 8am-5pm on Fridays.
- Lakeland Campus: 9am-6pm Monday-Thursday, 8am-5pm on Fridays.

While the University provides advising services to assist students with academic planning, the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.

Academic Dismissal
Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

DEPARTMENTS AND PROGRAMS
- GENERAL BUSINESS (GBA)

The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

*One exception: A minor/concentration in economics must consist of four upper-level economics courses, excluding QMB 3200.

Requirements for a Minor in Business Administration (Non-Business Majors Only): Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver. The computer course can be an information systems course similar to CGS 2100 Computers in Business.

- A minor/concentration in economics must consist of four upper-level economics courses, excluding QMB 3200.

- A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
- At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 2021 & ACG 2071 can be substituted for ACG 3074.
**ECO 3033 & ECO 3034 can be substituted for ECO 1000.
ACCOUNTING (ACC)
The objective of the baccalaureate degree program in accounting is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accounting.
The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.
The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to the Department of Business Administration. Education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to the Department of Business Administration.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:
- ACG 3103 Intermediate Financial Accounting I
- ACG 3113 Intermediate Financial Accounting II
- ACG 3341 Cost Accounting and Control I
- ACG 3401 Accounting Information Systems
- ACG 4632 Auditing I
- TAX 4001 Concepts of Federal Income Taxation

Electives (9 hours selected from):
- ACG 4123 Intermediate Financial Accounting III
- ACG 4351 Cost Accounting and Control II
- ACG 4632 Auditing II
- ACG 4931 Selected Topics
- ACG 5201 Advanced Financial Accounting
- ACG 5501 Governmental/Not-for-Profit Accounting
- ACG 5675 Internal and Operational Auditing
- TAX 5015 Federal Taxation of Business Entities

Total 27

The student’s program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business Administration advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a “C” (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, and TAX 4001.

Requirements for a Minor in Accounting (for Business Majors Only): Students majoring in Business Administration may minor in Accounting. The requirements are:

1. ACG 3103 Intermediate Financial Accounting I
2. ACG 3341 Cost Accounting and Control I
3. ACG 4632 Auditing I
4. TAX 4001 Concepts of Federal Income Taxation
5. A grade of “C” (not C-) or better must be earned in each of the four upper-level accounting courses taken. All attempts will be included unless grade forgiveness has been used. Only one grade forgiveness may be used in the minor.
6. All 12 credit hours must be taken in residence at USF.

FINANCE (FIN)
The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business.

Finance majors can elect to follow tracks that prepare them for entry and advanced careers in:

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

Required Finance Courses:
- FIN 4303 Financial Institutions and Markets
- FIN 4414 Advanced Corporation Finance
- FIN 4504 Principles of Investments
- Additional upper-level Finance electives

Total 18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, RMI, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

Corporate Financial Management
- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

Management of Financial Institutions
- FIN 3233 Money and Banking
- FIN 3604 International Finance
- FIN 4324 Bank Management
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

Investments
- FIN 3604 International Finance
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis & Management
- FIN 4504 Principles of Investments
- RMI 3043 Real Estate Decision-Making
- RMI 3043 Real Estate Investment Analysis
- RMI 3011 Principles of Insurance
- RMI 3011 Principles of Insurance
Requirements for a Minor in Finance (for Business Majors only): Students majoring in Business Administration can minor in Finance. The requirements are:

1. FIN 4504 Principles of Investments 3
2. FIN 4303 Financial Institutions and Markets 3
3. FIN 4414 Advanced Corporation Finance 3

Another upper-level Finance Elective with an F, R, E, or RM prefix 3

Total Finance Hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 of the required 12 credit hours must be taken in residence at USF.

• INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)

The Management Information Systems (MIS) major provides the skills and knowledge necessary for information system development and support positions in both business and non-business organizations.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required MIS courses and 2 approved MIS electives. MIS majors must earn a "C" or higher (not C-) in the six required MIS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level MIS course. At least 15 hours must be taken in residence at USF.

Required MIS Courses:

ISM 3232 Business Application Development* 3
ISM 3113 Systems Analysis and Design* 3
ISM 4212 Database Administration 3
ISM 4220 Business Data Communications 3
ISM 4300 Managing Information Resources 3
One of the following:
ISM 4234 Object Oriented Design and Development (C++) 3
ISM 4141 Web Application Development (Java) 3

Plus Approved MIS Electives** 6

Total Hours Required for B.A./B.S. Degree 24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only):

Students majoring in Business Administration may minor in MIS. The requirements are:

1. ISM 3232 Business Application Development 3
2. ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
3. ISM 4212 Database Administration 3
4. Approved MIS Elective 3
5. Total MIS Hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MANAGEMENT (MAN)

The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business management. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:

MAN 3240 Organizational Behavior Analysis 3
Additional upper-level management courses 15-21
Total 18-24

MAN 4504 and MAN 4507 do not count toward the management major.

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.

The requirements are:

1. MAN 3240 Organizational Analysis 3
2. MAN 3301 Human Resource Management 3
3. MAN 4282 Organizational Assessment 3
4. MAN 4600 International Management 3
5. Total Management hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing. The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:

MAR 3823 Marketing Management 3
MAR 3613 Marketing Research 3
MAR 3400 Professional Selling 3
MAR 4333 Electronic/Promotion Management 3
MAR 4824 Marketing Management Problems 3

Additional upper-level marketing courses 3-9

Total 18-24
It is strongly recommended that marketing majors take an interest in the Marketing curriculum to broaden their background. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance, and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:
1. MAR 3823 Marketing Management 3
   Any 3 upper level Marketing courses with a
   MAR prefix (excluding MAR 4824) .9
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

Undergraduate Admission to the College

Admission to the College of Business Administration is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the areas offered by the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

1. Before declaring a major in the College, students must satisfy the following criteria:
   a. Minimum of 60 semester hours of college credit earned.
   b. Minimum of 2.5 cumulative grade point average on all college-level work and a minimum 2.0 on all credit attempted at USF, including any prior to renewal.
   c. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
      ACG X021 Managerial Accounting
      (or ACG X011 & ACG X011)
      ACG X071 Managerial Accounting
      (Accounting majors are not required to take ACG 2071 and may enroll in ACG 3103 upon completion of ACG 2021 and admission to the College of Business Administration)
      CGS X100 Computers in Business
      (or acceptable substitute)
      ECO X013 Principles of Macroeconomics
      ECO X023 Principles of Microeconomics
      MAC X233 Elementary Calculus or MAC 2230
      STA X203 Introduction to Statistics or QMB X100
      d. In computing grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
2. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites.
3. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
4. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

College of Education

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Preliminary Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university’s liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a teacher education program through the Student Academic Services Office of the College of Education.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:
1. Completion of a College of Education application form.
2. Completion of the University’s General Education requirements (36 cr. hrs.). (See “Liberal Arts Requirements” section of the catalog.) Note: Students should contact an academic advisor to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or SAT. Many existing scholarships still require these scores.
5. Completion of State Mandated Common Prerequisites Note:
   The following prerequisites are required for all education majors who enter as freshmen in Fall 2003, but students should consult their intended majors (listed under “Departments and Programs,” below) for a list of other specific course prerequisites and requirements beyond these listed below:• EDG X005 Introduction to Education 3
• EDG 2701 Teaching Diverse Populations 3
• EME 2040 Introduction to Educational Technology 3
• Nine (9) semester hours in English to include writing, literature, and speech
• Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
• Nine (9) semester hours in mathematics to include college algebra or above and geometry
• Twelve (12) semester hours in social sciences to include American history and general psychology
• Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses that satisfy both the General Education and the international and/or diversity course requirements. (Consult an education advisor for approved, upper-level courses in Africana Studies, Geography, International Studies, Political Science, and Business Administration that meet the requirement but are not included below.)

International/Diversity Courses Credits

AFA 2000 Introduction to the Black Experience in Africa and Its Diaspora 3
AFS 2250 Culture and Society in Africa 3
AMH 2010 American History I 3
AMH 2020 American History II 3
AMS 2030 Introduction to American Studies 3
ANT 2000 Introduction to Anthropology 3
ANT 2410 Cultural Anthropology 3
ARH 2050 History of Visual Arts I 3
ARH 2051 History of Visual Arts II 3
BSC 2025 Food: Personal and Global Perspectives 3
COM 2000 Introduction to Communication 3
EGN 2031 History of Technology 3
EUH 2011 Ancient History I 3
EUH 2021 Medieval History I 3
EUH 2022 Medieval History II 3
EUH 2030 Modern European History I 3
EUH 2031 Modern European History II 3
FIL 2001 Film: Language of Vision 4
GEO 1930 Geography of Current Events 4
GEO 2371 Introduction to Earth Systems Science 3
INR 1015 World Perspective 3
LAH 2734 Latin American History in Film 3
LIT 2010 Introduction to Fiction 3
LIT 2040 Introduction to Drama 3
MUL 2011 The Enjoyment of Music 3
MUH 2051 Folk and Traditional Music of World Cultures 3
MUH 2632 Music in the United States 3
MUL 2111 Introduction to Music Literature 3
POS 2080 The American Political Tradition 3
REL 2300 Introduction to World Religions 4
REL 2306 Contemporary World Religions 4
REL 3501 History of Christianity 3
SPT 2524 Women Writers of Latin America 3
SYG 2000 Introduction to Sociology 3

6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours. No exemptions or waivers accepted.
7. Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours). For questions concerning General Education and Liberal Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in “Departments and Programs” below.

Time Limitations
The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:
1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the chairperson from the department in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

Qualifications for Internship Experience
The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition. Special requirements for enrollment in the final internship and seminar courses are:
1. Admission to the College of Education.
2. Completion of General Education, “Gordon Rule,” and all other program prerequisites (includes passing all sections of the CLAST and the General Knowledge Test).
3. Completion of an application for the final internship by the deadlines noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Please contact the office. Applications for Fall Semester are due the preceding January 15. Applications for Spring Semester are due the preceding June 15.
4. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization coursework except for EEX 4070. Special Education programs require completion of all professional education and specialization coursework. Secondary and Vocational Education Programs require completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. Special Education programs require an overall USF GPA of 2.5. Secondary and Vocational Education programs require a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
6. Students must earn a “C-” grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.

College Requirements for Graduation
To be certified by the College of Education for graduation, a student must have earned a minimum of 120 semester hours credit and successful completion of all program requirements for ESOL endorsement. A minimum overall USF grade-point
average of 2.5 or a minimum GPA of 2.5 in teaching specializa-
tion courses and a minimum GPA of 2.5 in the Professional
Education sequence is required. The Physical Education, Ele-
mentary and Early Childhood programs require a combined
grade point average of 2.5 in professional education and
specialization as well as an overall USF GPA of 2.5. Satisfactory
completion of the internship is also required. In order to gradu-
ate the student must pass both the Subject Area (SAE) for the
appropriate area and the Professional Education (PEd) sec-
tions of the Florida State Teacher Certification Examination
(FTCE) and pass the General Knowledge Test, prior to the
completion of internship. A student must also have completed
the major requirements in a state-approved teacher education
program (which includes general preparation, teaching special-
ization, and professional preparation). A minimum of 8 credits
in professional courses in addition to internship and 12 credits
in specialization courses must have been earned at USF. The
student must complete a minimum of 30 hours after admittance
to an upper-level program and must meet all University require-
ments.

Normally, the college will recommend the granting of a
Bachelor of Science (BS) degree that includes a minimum of 6
credit hours of exit courses. To obtain a Bachelor of Arts (BA)
degree, the student must meet the Foreign Language Compet-
ency (see graduation requirements in front of catalog) and
complete 9 hours of exit courses, 3 of which must be in
Literature and Writing and 3 of which must be offered outside
the College of Education.

**Department of Childhood
Education**

The Childhood Education Department has the responsibility
for the development and supervision of programs leading to the
Bachelors of Science Degree in Early Childhood Education and
Elementary Education.

Please be advised that program and/or course require-
ments are subject to change, per state legislative mandates,
Florida State Department of Education program approval stan-
ards, and accreditation criteria.

All of the programs offered on regional campuses may vary
in requirements and course offerings. For an accurate schedule
of courses and requirements, please check with the campus
you plan to attend.

**Early Childhood and Elementary Education Programs**

Early Childhood and Elementary majors will be assigned to a
specified sequence of courses to be followed throughout the
program enrollment. Coursework will include internship and
field experience. Students who withdraw from or who have
unsatisfactory grades in the field experiences or internships
must petition the department Professional Standards Commit-
tee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA
of 2.5 in the combined Professional Core and Teaching Special-
ization prior to final internship and graduation.

Part-time students in Elementary Education (those planning
to take 9 hours or less per semester) must meet program and
internship requirements associated with the programs. These
requirements include being available to participate in the intern-
ships during regular school hours.

Part-time students in Early Childhood Education must meet
with the program coordinator prior to admission to the program.
These students also must meet program and internship require-
ments associated with the programs. The requirements include
being available to participate in internships during regular school
hours.

**Early Childhood Program**

Students may complete a state-approved program to be
eligible for licensure in Early Childhood Education Pre-Kinder-
garten/Primary (age 3 - Grade 3). The current program of
studies includes both coursework and extensive field experi-
ences in early childhood settings to enable students to integrate
theory with teaching practice. Upon successful completion of
the required courses and the associated internships, Early
Childhood majors will be eligible for certification in Pre-Kinderga-
ten/Primary (age 3 - Grade 3).

**Early Childhood Education with ESOL Endorsement**

The College of Education offers a full ESOL Endorsement
for all Early Childhood Education major graduates. The special
requirements for ESOL endorsement through infusion are as
follows: Successful completion of (1) ESOL 1, 2, and 3, with a
minimum grade of 70% or better on all three sections of the
ESOL Comprehensive Exam administered in the three ESOL
courses; (2) a 20-hour early ESOL field experience in ESOL 1;
(3) a late ESOL field experience where students plan, imple-
ment, and evaluate lessons for one or more ESOL students over
a series weeks; and (4) an ESOL folder, containing all assign-
ments and test results from ESOL 1, 2, and 3, and all ESOL
performance check-off sheets from other ESOL-infused courses
that a student has taken.

**Elementary Education Program**

Students may complete a state-approved program to be
eligible for certification in Elementary Education (Grades K-6).
Degree and certification requirements are subject to change in
accordance with state mandates. The current program of
studies includes both coursework and extensive field experi-
ence in elementary school settings to enable students to inte-
grate theory with teaching practice.

**Elementary Education with ESOL Endorsement**

The College of Education offers a full ESOL Endorsement
for all Elementary Education major graduates. The special
requirements for ESOL endorsement through infusion are as
follows: Successful completion of (1) ESOL 1, 2, and 3, with a
minimum grade of 70% or better on all three sections of the
ESOL Comprehensive Exam administered in the three ESOL
courses; (2) a 20-hour early ESOL field experience in ESOL 1;
(3) a late ESOL field experience where students plan, imple-
ment, and evaluate lessons for one or more ESOL students over
a series weeks; and (4) an ESOL folder, containing all assign-
ments and test results from ESOL 1, 2, and 3, and all ESOL
performance check-off sheets from other ESOL-infused courses
that a student has taken.

**EARLY CHILDHOOD EDUCATION: Pre-
Kindergarten/Primary**

Requirements for the B.S. Degree (BEC): In addition to the
courses listed below, students must complete “Preliminary
Requirements for Students entering Teacher Education Pro-
grams.”

**Prerequisites (State Mandated Common Prerequisites):**

These prerequisites must be met by transfer students as well as
USF students. A grade of “C” is the minimum acceptable grade.

- EDF X005 Introduction to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Introduction to Educational Technology
- Nine (9) hours of Mathematics (to include College Algebra or
  above and Geometry)*
- Twelve (12) hours of Social Science (to include American
  History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth
  Science course, a Life Science course and a Physical
  Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature and Speech)
• Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

For additional prerequisites see program requirements below.

Professional Education Core (33 cr. hrs.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 4111 Child Growth and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4940 Senior Internship and Seminar</td>
<td>10</td>
</tr>
<tr>
<td>EEC 4936 Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>EEC 4941 Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4942 Field Experience II</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4943 Field Experience III</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909 Young Children With Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909 Assess., Eval., Reporting Progress</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909 Second Language Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4315 Language Principles and Acquisition</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4317 Teaching LEP Students K-12</td>
<td>3</td>
</tr>
</tbody>
</table>

Specialization (30 cr. hrs.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4008 Literature in Early Childhood Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>LAE 4414 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4203 Programs for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4211 Integrated Curriculum: Science and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4212 Integrated Curriculum: Social Sciences/Humanities &amp; Art</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4300 Cognitive Experiences for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4303 Creative and Affective Experiences for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4408 Child, Family &amp; Teacher Relations</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4706 Language and Emerging Literacy</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310 Early Literacy Learning</td>
<td>3</td>
</tr>
<tr>
<td>Literacy Course</td>
<td>3</td>
</tr>
<tr>
<td>Classroom Management Course</td>
<td>3</td>
</tr>
</tbody>
</table>

The order in which these courses are to be taken is spelled out in the program of study.

• ELEMENTARY EDUCATION

Requirements for the B.S. Degree (BEE): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs."

Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 2005 Introduction to Education</td>
<td></td>
</tr>
<tr>
<td>EDG 2701 Teaching Diverse Populations</td>
<td></td>
</tr>
<tr>
<td>EME 2040 Introduction to Educational Technology</td>
<td></td>
</tr>
<tr>
<td>Nineteen (19) hours of Math (to include College Algebra or above and Geometry)*</td>
<td></td>
</tr>
<tr>
<td>Twelve (12) hours of Social Science (to include American History and General Psychology)</td>
<td></td>
</tr>
<tr>
<td>Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)</td>
<td></td>
</tr>
</tbody>
</table>

• One (1) Natural Science Course must have a lab component
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature and Speech)
• Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

Professional Education (35-36 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3122 Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604 Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4820 Curriculum and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430 Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070 Integrating Exceptional Students in the Regular Classroom</td>
<td>2-3</td>
</tr>
<tr>
<td>FLE 4315 Language Principles and Acquisition</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4317 Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909 Second Language Acquisition and Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4940 Internship</td>
<td>12</td>
</tr>
</tbody>
</table>

Specialization (40 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4301 Classroom Management, School Safety, Ethics, Law, and Elementary Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4941 Childhood Education Internship Level I</td>
<td>3</td>
</tr>
<tr>
<td>HLP 4722 Health and Physical Education for the Child</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4942 Childhood Education Internship Level II</td>
<td>6</td>
</tr>
<tr>
<td>LAE 4314 Teaching Writing</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4414 Teaching Literature in the Elementary Schools</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310 Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4326 Teaching Elementary School Mathematics II</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310 Reading and Learning to Read</td>
<td>3</td>
</tr>
<tr>
<td>RED 4511 Linking Literacy Assessment to Instruction</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4310 Teaching Elementary School Science</td>
<td>3</td>
</tr>
<tr>
<td>SSE 4313 Teaching Elementary School Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909 Creative Experiences for the Child</td>
<td>3</td>
</tr>
</tbody>
</table>

Department of Secondary Education

The following programs are housed in the Sarasota Campus Department of Secondary Education:

English Education
Social Science Education

The undergraduate programs offered by the department are designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary, early childhood, and special education. Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.
• **ENGLISH EDUCATION with ESOL Endorsement**

**Requirements for the B.S. Degree (BEN):** In addition to the courses listed below, students must complete “Preliminary Requirements for Students entering Teacher Education Programs.”

The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

**Prerequisites (State Mandated Common Prerequisites):**

These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.

- **EDF 2005 Introduction to Education**
- **EDG 2701 Teaching Diverse Populations**
- **EME 2040 Introduction to Educational Technology**
  - Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
  - Twelve (12) hours of Social Science (to include American History and General Psychology)
  - Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
  - Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)
  - Six (6) hours of International or Multicultural Focus
  - Nine (9) hours of English (to include Writing, Literature and Speech)
  - Six (6) hours of Humanities (to include Philosophy and Fine Arts)
  - Nine (9) hours of Social Science (to include American History and General Psychology)
  - Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

**Recommended Courses:**
- Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)
- English Electives (9 hours) - to include advanced composition and medacy
- CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

**Professional Education (26 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3214</td>
<td>Human Development and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4620</td>
<td>Curriculum and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integrating Exceptional Students in the Regular Classroom</td>
<td>2</td>
</tr>
<tr>
<td>FLE 4316</td>
<td>Language Principles and Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
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</table>

**Specialization (45 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 3310</td>
<td>Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3103</td>
<td>Great Literature of the World (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>WST 4410</td>
<td>Third World Women Writers (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4469</td>
<td>Teaching World Literature to Middle and Secondary Students</td>
<td>3</td>
</tr>
<tr>
<td>AML 3031</td>
<td>American Literature to 1860</td>
<td>3</td>
</tr>
<tr>
<td>AML 3032</td>
<td>American Literature to 1860-1912</td>
<td>3</td>
</tr>
<tr>
<td>AML 3051</td>
<td>American Literature 1912-1945</td>
<td>3</td>
</tr>
<tr>
<td>ENL 3015</td>
<td>British Literature to 1616</td>
<td>3</td>
</tr>
<tr>
<td>ENL 3230</td>
<td>British Literature 1616-1780</td>
<td>3</td>
</tr>
<tr>
<td>ENL 3251</td>
<td>British Literature 1780-1900</td>
<td>3</td>
</tr>
<tr>
<td>ENL 3273</td>
<td>British Literature 1900-1945</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3383</td>
<td>The Image of Women in Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT 4386</td>
<td>British and American Literature by Women (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3100</td>
<td>Introduction to Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 4060</td>
<td>History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3670</td>
<td>English Grammar and Usage</td>
<td>3</td>
</tr>
<tr>
<td>LIN 4680</td>
<td>Structure of American English</td>
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**Additional Specialization (24 credit hours):**

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>LAE 4464</td>
<td>Adolescent Literature for Middle and Secondary Students (Exit)</td>
<td>3</td>
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<tr>
<td>LAE 4323</td>
<td>Methods of Teaching English: Middle School (Must be taken with LAE 4323)</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4530</td>
<td>Methods of Teaching English: Practicum (Must be taken with LAE 4335)</td>
<td>3</td>
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<tr>
<td>LAE 4335</td>
<td>Methods of Teaching English: High School (Must be taken with LAE 4350)</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4936</td>
<td>Senior Seminar in English Education</td>
<td>2</td>
</tr>
<tr>
<td>LAE 4940</td>
<td>Internship: English Education</td>
<td>10</td>
</tr>
</tbody>
</table>

**SPECIAL SCIENCE EDUCATION**

**Requirements for the B.S. Degree (BSS):** In addition to the courses listed below, students must complete “Preliminary Requirements for Students entering Teacher Education Programs.” It is recommended that students pursue a double major in Social Science Education with History or one of the Social Sciences.

**Prerequisites (State Mandated Common Prerequisites):**

These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.

- **EDF X005 Introduction to Education**
- **EDG 2701 Teaching Diverse Populations**
- **EME 2040 Introduction to Educational Technology**
  - Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
  - Twelve (12) hours of Social Science (to include American History and General Psychology)
  - Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
• One (1) Natural Science Course must have a lab compo-
nent.
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature
and Speech)
• Six (6) hours Humanities (to include Philosophy and Fine
Arts)
• Three (3) hours American Government¹
• Three (3) hours Anthropology²
• Three (3) hours Cultural Geography³
• Three (3) hours Economics⁴
• Three (3) hours History⁴
• Three (3) hours Psychology
• Three (3) hours Sociology⁵

*Only courses with the prefixes MGF, MTG, MAC, and STA will
qualify for the courses in mathematics. MGF 1106 Liberal Arts
Mathematics I meets the intent of the program approval rule with
respect to the inclusion of geometry in the mathematics require-
ment.

The following are the courses recommended by the Social
Science Education department to fulfill the State Mandated
Common Prerequisites:

¹ POS 2041 American National Government
or
POS 2080 American Political Tradition

² ANT 2000 Introduction to Anthropology
or
ANT 2410 Cultural Anthropology

³ GEA 2000 Global Geography

⁴ ECO 1000 Basic Economics
or
ECO 2013 Macroeconomics

⁵ SYG 2000 Introduction to Sociology
or
SYG 2010 Contemporary Sociology

Professional Education Core (20 credit hours):

EDF 3214 Human Development and Learning
EDF 3604 Social Foundations of Education (Exit)
EDG 4620 Curriculum and Instruction
EDF 4430 Measurement for Teachers
EEX 4070 Integrating Exceptional Students
in the Regular Classroom
FLE 4365 ESOL Competencies and Strategies
Classroom Management

Social Sciences Specialization (48 credit hours):

AMH 2010 American History I
AMH 2020 American History II
GEA 2000 World Regional Geography
HUM 2211 Studies in Culture: Classical
through Medieval
HUM 2243 Studies in Culture: Renaissance
through the 20th Century
POS 2112 State and Local Government
POS 2080 American Political Tradition

One of the following:

HIS 4104 Theory of History
POT 4054 Modern Political Theory
POT 4064 Contemporary Political Thought
POT 4204 American Political Thought
Any course from African, Asian, or Latin
American, or Middle Eastern History
AMH 3421 Early Florida History
AMH 3423 Modern Florida History I

One of the following:

ANT 2000 Introduction to Anthropology
ANT 2410 Cultural Anthropology

One of the following:

ECO 1000 Basic Economics
ECO 2013 Macroeconomics

One of the following:

SYG 2000 Introduction to Sociology
SYG 2010 Contemporary Problems
INR 3018 World Ideologies

Social Science Education (27 credit hours):

SSE 4333 Teaching Middle Grades Social Science
SSE 4334 Teaching Secondary Grades
SSE 4335 Teaching Social Science Themes*
SSE 4600 Reading and Basic Skills in the
Social Sciences
SSE 4936 Senior Seminar in Social Sciences
Education
SSE 4940 Internship: Social Science Education**

*Only SSE 4333 or SSE 4334 must be successfully completed prior to SSE 4335.
**Only SSE 4936 can be taken at the same time as SSE 4940.

COLLEGE OF NURSING

NURSING PROGRAM (FOR REGISTERED NURSES)

The registered nurse sequence is designed so that regis-
tered nurses can enroll in the nursing major on a full-time or on
a part-time. Registered nurses who enroll as full-time students
may complete requirements for the bachelor’s degree in three
semesters. If they enroll as part-time students, the degree
requirements can be completed in six semesters.

Registered nurse students are admitted to the College each
semester and may apply according to University admission
deadlines. Registered nurse students desiring to transfer from
other nursing programs are eligible for admission to the College
on a space available basis. To be considered for transfer into
the nursing major, applicants must meet University eligibility
requirements. Registered nurse students are admitted to the
College contingent upon completion of transcript evaluation
and completion of admission requirements.

For more specific information contact the College of Nursing,
Office of Student Affairs for overall requirements (974-9305) or
visit the College of Nursing web site at http://www.hsc.usf.edu/
nursing.

NURSING COURSES - REGISTERED NURSE SEQUENCE

Registered nurse students are required to take the following
courses:

NUR 3061 Educational Transitions for RN
NUR 3064 Physical Examination & Assessment
NUR 3064L Clinical Experiences in Health
Assessment - RN
NUR 3125 Pathophysiology for Nursing Practice
NUR 3145 Pharmacology in Nursing Practice
NUR 4636 Community/Public Health: Population
Focus Nursing
NUR 4636L Community/Public Health Nursing
Clinical for the RN
NUR 4838 Leadership and Management in
Professional Nursing Practice
NUR 3829 Ethical Legal Aspects Nursing/
Health Care
NUR 4165 Nursing Inquiry
Nursing Elective

In addition to the requirements listed, the RN student must
also meet all university graduation requirements as listed in the
catalog.
The mission of the School of Hotel and Restaurant Management at the University of South Florida is to provide excellence in teaching, research and service to all persons and to build foundations for lifelong learning. The School of Hotel and Restaurant Management prepares individuals for industry management and leadership roles in a global economy and interfaces with stakeholders to deliver hospitality professionals that add to the financial, intellectual, environmental, ethical and social fabric of Florida, nationally and internationally.

The Bachelor of Science Degree in Hospitality Management prepares outstanding individuals to be service-oriented professionals. The School of Hotel and Restaurant Management prepares individuals for entry-level management and supervisory level positions in the hospitality industry. A general business education with specialized hotel and restaurant management coursework prepares the student for problem solving in a disciplined and systematic manner. An advisory board composed of leaders from major hospitality-related corporations and organizations are directly involved with the review of the curriculum, school development and programming, so that the program prepares students for future career challenges.

Students should complete 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

Admission to the School of Hotel and Restaurant Management

The School of Hotel and Restaurant Management is located on the Sarasota-Manatee campus of USF. USF Sarasota-Manatee is an upper-level campus offering junior and senior level courses. Students should have completed 60 transferable hours with an overall GPA of at least 2.0 along with completing the prerequisites below. Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

Admission to the School of Hotel and Restaurant Management is open to all students who have been accepted to the University of South Florida and declare the major of Hotel and Restaurant Management. Admission to the School of Hotel & Restaurant Management at USF. Students should contact the Office of Student Services on the Sarasota-Manatee campus, USS 805D (941-359-4330) for assistance.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major are Florida mandated General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following lower level prerequisite courses listed below prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted.

(no grade lower than a C-):

- ACG X021 Principles of Financial Accounting
- ACG X071 Principles of Managerial Accounting
- ECO X013 Macroeconomics
- ECO X023 Microeconomics

Major requirements for the B. S. Degree in Hospitality Management are as follows:

Business Courses (12 Credits)

- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations*
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

Hospitality Courses (36 Credits)

- FSS 3231 Introductory Food Preparation Management
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3263 Restaurant and Catering Management
- HFT 3423 Hospitality Information Systems
- HFT 3424 Cost Control in Hospitality Operations
- HFT 3503 Hotel Marketing and Sales
- HFT 3603 Law and Security for the Hospitality Industry
- HFT 4221 Human Resource Management
- HFT 4253 Lodging Management
- HFT 4471 Mgmt Accounting & Finance for the Hospitality Industry
- HFT 4930 Selected Topics in Hospitality Management (elective as needed)
- HFT 4945 Advanced Internship (300 hours)

*Please note that the prerequisites for this course are: ACG 2021, ACG 2071, and CGS 2100 or CGS 1000.

Communications Courses (6 Credits)

- COM 3110 Communication for Business and the Professions or SPC 2600 Public Speaking
- ENC 3310 Expository Writing or ENC 3213 Professional Writing

Non-Credit Major Requirement

In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hotel and/or restaurant industry before graduation.

General Requirements for a B.S. Degree in Hospitality Management

1. The Hospitality Management major requires at least 120 credit hours.
2. General Education Requirements can be satisfied by completing the university’s general education requirements or completing an AA degree from a Florida public community college.
3. All transfer work will be reviewed by the advising office and the Director of the School of Hotel & Restaurant Management.
4. Students must satisfactorily pass the College Level Academic Skills Test (CLAST) and complete the writing and computation course requirement of 6A-10.30 (Gordon Rule).
5. Students must complete the Foreign Language Entrance (FLENT) Requirement as mandated by the university catalog.
6. Nine hours of Liberal Arts exit courses must be taken at USF as defined in the university undergraduate catalog.
7. At least 50 percent of Hospitality coursework must be taken at USF.
8. Students must earn an overall, USF, and major GPA to be certified for graduation.
9. The university provides advising tools and services to assist the student; however, it is the responsibility of the student to meet all graduation requirements and deadlines.
require students to exceed a total of 120 credit hours for completion of the BSAS degree.

Within the 60 credit hours of USF/upper-level coursework beyond the A.S., BSAS students will also complete:

- a minimum of 48 credit hours of upper-level (3000-4000) courses
- at least 30 hours of the last 60 credit hours at USF
- CLAST requirements
- foreign language requirement (can be satisfied by two years of high school foreign language credit or 8 college credit hours in a single foreign language)

### Areas of Concentration

**Criminal Justice Concentration (ACJ)** consists of 18 credit hours:

- (Only available through Lakeland or Sarasota campuses)
- CCJ 3024 Survey of Criminal Justice (3)
- CCJ 3610 Theories of Criminal Behavior (3)
- CIL 3110 Substantive Criminal Law (3)
- CJC 4010 American Correctional Systems (3)
- CCJ 4934 Seminar in Criminology (3)
- CJE 4144 American Law Enforcement (3)

**General Business Concentration (ABU)** consists of 18 credit hours:

- ACG 3074 Managerial Accounting for Non-Business Majors (3)
- ECO 1000 Basic Economics (3)
- FIN 3403 Principles of Finance (3)
- MAN 4XXX Managerial Applications (3)
- MAR 3023 Basic Marketing (3)

- Hospitality Management Concentration (AHM) consists of 18 credit hours:
  - (Only available through Sarasota campus)
  - Prerequisites – 12 hours:
    - ACG 2021 Financial Accounting (3)
    - ACG 2071 Managerial Accounting (3)
    - MAN 3025 Principles of Management (3)
    - MAR 3023 Basic Marketing (3)
    - HFT 3000 Intro to Hospitality and Tourism (3)
    - SSS 3220 Intro to Food Production and Mgmt (3)
    - HFT 3423 Hospitality Information Systems (3)
    - HFT 3503 Hotel Marketing and Sales (3)
    - HFT 4221 Human Resources Management (3)
    - HFT 4253 Lodging Management (3)

**Public Administration Concentration (APU)** consists of 18 credit hours: (Only available through Sarasota campus)

- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4419 Personnel and Supervision in Today's Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- POS 3182 Florida Politics and Government (3)
- PLUS ANY ONE OF THE FOLLOWING:
  - PUP 4002 Public Policy (3)
  - PAD 5035 Issues in Public Administration and Public Policy (3)
  - PAD 5044 Environment of Public Administration (3)
  - PAD 5159 Urban Policy Analysis (3)
  - PAD 5333 Concepts and Issues in Public Planning (3)
  - PAD 5605 Administrative Law and Regulation (3)
  - PAD 5700 Research Methods in Public Administration (3)
  - PAD 5807 Urban and Local Government Administration (3)
  - PAD 5836 Comparative Public Administration (3)

Contact the BSAS Program for additional BSAS Concentrations that may have developed since the publication of this catalog.
Visiting USF St. Petersburg

Prospective students and other interested persons are invited to visit the beautiful campus on Bayboro Harbor in downtown St. Petersburg. St. Petersburg campus visits are offered on an appointment-only basis right now, although open houses take place twice a year. Tours begin in the Academic Advising Center in Davis Hall, room 134. Visitor parking is available in front of Davis Hall. No parking permit is required if visitor parking is used. Please call for an appointment at least one week in advance of your visit and remember: Wear comfortable shoes! To schedule a visit to the St. Petersburg campus, contact student recruiter John Vassel at (727) 553-1002 or email vassel@stpt.usf.edu.

To get to the St. Petersburg campus from I-275, take Exit 22 to Second Street; then turn south and proceed two blocks to the campus.

The campus mailing address is:
140 Seventh Avenue South
St. Petersburg, FL 33701
Information about USF St. Petersburg

Academic Advising Center
DAV 134 – 553-4511
http://www.stpt.usf.edu/advising

Admissions and Records
BAY 102 – 553-4142
http://www.stpt.usf.edu/admissions

Applications and Admissions
BAY 102 – 553-4142
http://www.stpt.usf.edu/admissions/application.htm

Bookstore
COQ 101 – 553-1173

Campus Activities Center
601 Second Street South – CAC 124 – 553-4596
http://www.stpt.usf.edu/studentlife/cac/cacmain

Campus Computing
BAY 230
Lab & Student Help Line – 553-4551
Computer Store – 553-4184
http://www.stpt.usf.edu/computing

Career Development
Counseling & Career Center - BAY 119 – 553-4422
http://www.stpt.usf.edu/studentdev/ccc

Colleges
Arts and Sciences – DAV 100 – 553-4156 / 3-4157
http://www.stpt.usf.edu/coas
Business – COB 348 – 553-4154
http://www.stpt.usf.edu/cob
Education – COQ 201 – 553-4155
http://www.stpt.usf.edu/coe

Counseling Center
http://www.stpt.usf.edu/studentdev/ccc
BAY 119 – 553-4422

Financial Aid
BAY 105 – 553-4128
http://www.stpt.usf.edu/enrollment/aid

Fitness Center
CAC 109 – 553-4589
http://www.stpt.usf.edu/studentlife/fitness

Honors Program
Director – SNL 100 – 553-4555
http://www.stpt.usf.edu/coas/honors

International Affairs
Coordinator – BAY 204C – 553-4156

Journalism Studies Program
FCT 204 – 553-4850

Library (Nelson Poynter Memorial Library)
General Information – 553-4123
http://www.nelson.usf.edu

New Student Orientation
CAC 137 – 553-4181
http://www.stpt.usf.edu/studentlife/orientation

Parking and Traffic Services
ONE 300 553-4510
http://www.stpt.usf.edu/parking_services

Prospective and New Students
DAV 134A – 553-4002
http://www.stpt.usf.edu/prospectives.html

Public Safety
PSD 001 – 553-4478

Student Disability Services
Coordinator, BAY 111 – 553-4413
http://www.stpt.usf.edu/saffairs/sds

Student Government
CAC 127 – 553-4144

Student Life
http://www.stpt.usf.edu/studentlife

Swimming Pool
COQ 108 – 553-4597

Transcripts
Registrar’s Office – BAY 104 – 553-4142

Tutoring
http://www.stpt.usf.edu/ccc/tutoring.htm

Transfer (Undergraduate) Student Issues
Recruiting – DAV 134 – 553-4511

University Experience Program

University Police
http://www.stpt.usf.edu/police

Veterans Services
BAY 105 – 553-4128

Waterfront
COQ 108 – 553-4597
UNIVERSITY OF SOUTH FLORIDA
ST. PETERSBURG

Mission
USF St. Petersburg offers distinctive graduate and undergraduate programs in the arts and sciences, business and education within a close knit, student-centered learning community that welcomes individuals from the region, state, nation and world. We conduct wide-ranging, collaborative research to meet society’s needs and engage in service projects and partnerships to enhance the university and community’s social, economic and intellectual life. As an integral and complementary part of a multi-campus university, USF St. Petersburg retains a separate identity and mission while contributing to and benefiting from the associations, cooperation and shared resources of a premier national research university.

Values
- We value a collegial, inviting, and safe learning environment that stresses excellent teaching, encourages intellectual growth and rewards academic achievement.
- We value an education rich in both theory and practical experience that enables our graduates to pursue careers and professions with competence and confidence.
- We value collaboration throughout the campus community in scholarship, research and service.
- We value individuals, respect their diversity and varied perspectives and insist on tolerance of divergent views.
- We value academic freedom and responsibility, creative expression and the unfettered pursuit of truth.
- We value deliberative dialogue in making decisions and solving problems.
- We value shared governance and shared responsibility in the operation of the university and the allocation of its resources.
- We value honesty, integrity and openness while promoting ethical behavior.
- We value lifelong learning and recognize our responsibility to contribute to civic well being.
- We value longstanding, continuing partnerships that unite and benefit both the campus and community.
- We value efficient, trustworthy and able stewardship of our university.

Vision
Guided by its mission and values, USF St. Petersburg commits itself to leadership in education, research and outreach on behalf of the people and communities it serves. USF St. Petersburg will develop academic programs known for excellence and distinctiveness that focus on interdisciplinary study, creativity and exploration. We will provide the means and environment to ensure that our graduates acquire the skills and aptitudes for lifelong learning and achievement.

USF St. Petersburg will move aggressively and strategically to enhance existing academic programs and anticipate and address future needs by developing new initiatives determined by community-based educational priorities.

Our vision includes:
- Graduate and undergraduate degree programs known for accomplishing defined learning outcomes that strive to meet the highest of academic standards
- Academic, student and support operations that are caring, personal and service-oriented
- Enhanced opportunities for community-based research, service and learning
- Campus and community participation in decision-making and planning
- First-class, up-to-date learning facilities and technology
- Increased external support for scholarships, grants and academic initiatives

Goals
- Strengthen governance structures and processes, achieve academic autonomy and earn separate institutional and program accreditations that signify the campus meets the highest standards of higher education.
- Establish a national and international academic reputation by developing distinctive programs; by enhancing established, existing academic programs; and by establishing new initiatives based on educational priorities.
- Create a campus life that challenges, supports and encourages student involvement in activities and programs that will enrich and enhance students’ university experience and empower them for lifelong success.
- Promote, strengthen and support research as a pathway to learning, discovery, solving problems and contributing to the public good.
- Create a campus culture that in its composition, attitudes and actions, respects, encourages and embodies diversity.
- Increase the enrollment of students with the credentials and commitment to excel and provide them with the instructional support and services to allow them to realize their fullest potential.
- Provide for new and enhanced facilities and technology that support the campus’s mission and that advance teaching, learning and discovery.
- Increase individual, corporate, and foundation support to accomplish strategic goals for the benefit of both students and the community.

Approved by the USF St. Petersburg Campus Board on February 24, 2003

About USF St. Petersburg

USF St. Petersburg is the oldest and largest regional campus of USF, and it offers a wide range of complete programs in undergraduate and graduate studies. Classes are small and students receive individual faculty attention and a full array of services. Flexible scheduling and affordable tuition allows students of all ages to accommodate family, work and school in a balanced fashion.

- USF St. Petersburg places value on each and every individual it serves, making it a welcoming and nurturing environment for all who come to campus.
- Located along the waterfront of Bayboro Harbor, USF St. Petersburg is considered one of the loveliest and most inviting campuses in the nation. The campus also borders the downtown area’s museums, galleries, performing arts venues and theaters. Its cultural programming is outstanding, with frequent public lectures and exhibits. Additional events often are sponsored through the Florida Humanities Council that is headquartered on campus. USF St. Petersburg also is at the center of a medical and scientific research hub that includes marine science and pediatrics.
- USF St. Petersburg’s honors program challenges and enhances the quality education normally generated by the campus. Exciting programs are offered through the Science Journalism Center, which merges both disciplines to convey the latest scientific breakthroughs to the public.
- The campus also is known for its ethics programs. The Program for Ethics in Education and Community infuses the
teaching of ethics throughout the curriculum and beyond through a popular public lecture series. It also actively engages with the school system and the Stavros Institute in providing character education to all Pinellas students. Through its service learning program, the campus creates many community service opportunities that build character as well as résumés.

- The Nelson Poynter Memorial Library is known for its quality collections and excellent customer service. As part of the USF Library System, it offers cooperative access to over 1,500,000 volumes as well as outstanding electronic resources. Its special collections include signed documents of U.S. presidents, fine first editions of the writings of Mark Twain, a renowned collection of natural history illustration, and significant archives in local and regional history.

- As a research university, USF is a catalyst for economic development and in applying new knowledge to industry. The College of Marine Science located adjacent to USF St. Petersburg is recognized nationally and is one of the top research and grant award recipients in the entire State University System.

- The campus, in cooperation with the YWCA of Tampa Bay, opened a much-needed day care center so students with children can have their child-care needs met while they attend class. USF St. Petersburg students majoring in early childhood education also intern at the center so they can apply in a practical way what they learn in the classroom. The YWCA/USF Family Village also is a terrific example of a university/community partnership that benefits both groups enormously.

- The USF Women’s sailing team is establishing a national reputation and ranking. It is the first varsity team based at USF St. Petersburg.

Equal Opportunity Policy

It is the goal of the University to create and maintain a work and study environment free of discrimination. Discrimination on the basis of race, color, sex, marital status, religion, national origin, Vietnam or disabled veteran status, handicap, or age is prohibited by University policies, federal and state laws. Any person who believes that he or she has been subjected to discrimination may file a complaint with the Office of Equal Opportunity Affairs, ADM 274. The telephone number is (813) 974-4373. It shall be prohibited for any employee of USF to discriminate or take retaliatory action against any individual, who, in good faith, has opposed an alleged unlawful practice or has made a charge, testified, assisted, or participated in any manner in an investigation, proceeding, or hearing under the provisions of applicable law.

Guide to Resources for Students with Disabilities

All University programs, events, and services are open and available to persons with disabilities. The University of South Florida is committed to the principles of Equal Educational and Employment Opportunities without regard to disability.

Academic Assistance for Students with Disabilities: Student Disability Services (SDS) exists to ensure that students with disabilities have the technical, academic, and emotional support necessary to achieve academic and personal success at the University of South Florida. Course related assistance and academic accommodations are provided to eligible stu-

- Students with disabilities apply under the same guidelines as other students. If students believe that their disability has had an impact on grades, course choice or standardized test scores for admission, they may request consideration of this in the admissions process.

Course Substitution: Students with disabilities requesting substitution of course work for General Education, foreign language requirements, or CLAST should contact the Coordinator of Student Disability Services. Students with declared majors requesting substitution of departmental graduation requirements will need to contact the chair of their department. In either case, students will be requested to submit documentation to support their request for an exception.

Disabled Parking: Students with state parking privileges need only supply their state card as documentation for eligibility for a USF disabled parking hangtag/sticker. Students without state privileges need medical documentation to be considered for on-campus disabled parking.

Students with disabilities are encouraged to participate fully in all University events, programs, and other campus activities. Information on whom to contact to request accommodation or assistance should be listed on program information and advertisements. If you are unable to secure the requested assistance or need additional help with accessibility contact the Office of Student Disability Services.

The following offices arrange academic accommodations and assistance for students with disabilities:

USF St. Petersburg Student Disability Services Office Location/Phone: BAY 111 (727) 553-4413, Florida Relay 711 Hours: Monday – Thursday, 8:00 a.m. – 6:00 p.m. Friday, 8:00 a.m. – 5:00 p.m.

Facilities and Atmosphere

USF St. Petersburg sits on 46 acres, much of it bordering tranquil Bayboro Harbor. The campus features many inviting walkways and outdoor alcoves in which to study. Students can enjoy an outdoor pool that is heated in the winter or take part in the waterfront program that includes sailboats, kayaks and canoes. A full-service fitness center, racquetball courts and a gymnasm are available as well. The campus atmosphere is informal. Students and faculty dress casually and enjoy an unusually close relationship. Some classes are even held outside to take advantage of the area’s extraordinary climate (average annual temperature is 72°F). Most buildings have open hallways, which blend colorful interiors with spacious exteriors, symbolically and architecturally suggesting the casual accessibility that has become a USF St. Petersburg trademark.
ADMISSIONS AND RELATED MATTERS

Admission to USF St. Petersburg requires evidence of ability to handle academic work, capacity to think creatively, and strong motivation. The minimum admission requirements are designed to help identify applicants whose academic background indicates potential for success at USF St. Petersburg; however, satisfaction of minimum admission requirements does not guarantee acceptance. The admission of new students at all levels is on a selective basis within curricular, space, and fiscal limitations. The selection process may include such factors as grades, test scores, pattern of courses completed, class rank, educational objectives, past conduct, school recommendations, personal recommendations, and portfolios. Preference for admission in any term will be given to those applicants whose credentials indicate the greatest promise of academic success.

The University encourages applications from qualified applicants of both sexes and from all cultural, racial, religious, ethnic, and age groups. In the admission process, there is no discrimination on the basis of these factors or on the basis of handicap. Applicants who do not meet minimum admission requirements will be considered for admission when there is sufficient evidence to suggest ability to do satisfactory work at USF St. Petersburg. These policies are further described under "Applying for Admission" and "Requirements for Admission."

The University supports equal educational opportunity for disadvantaged students. Requests for waiver of the $30.00 application fee are considered by the Director of Admissions & Records if payment of this fee creates severe financial hardship and serves as a deterrent to application.

Students are admitted to USF St. Petersburg in accordance with the mission and goals of the University and within enrollment limitations established by the Board of Education and the Florida Legislature.

Admissions and Records

Location/phone: BAY 102 – (727) 553-4142
140 Seventh Avenue S., St. Petersburg, FL 33701
Web address: http://www.stpt.usf.edu/admissions

The Office of Admissions & Records at USF St. Petersburg provides a wealth of student, academic, and administrative services. In cooperation with the Office of Admissions and the Registrar’s Office at the Tampa campus, this office is responsible for maintaining each student’s academic record from the time of admission to degree. Therefore, virtually every USF St. Petersburg student is a consumer of services provided by the Office of Admissions & Records if payment of this fee creates severe financial hardship and serves as a deterrent to application.

Applicants may update their application for admission for up to one year from the originally requested semester of admission.

Applying for Admission

Obtaining an Application

The USF online application is hosted on the FACTS (Florida Academic Counseling and Tracking for Students) website: http://www.facts.org/. FACTS.org is a central web resource for students to plan and manage their higher education experience. FACTS.org includes Florida community colleges, private and public universities, and is described as “Florida’s online gateway for college information.”

Online application instructions:
- Click the Apply Online button below to go to the FACTS.org site.
- Click the "Admissions" link in the left hand column.
- Review the Admissions Application instructions.
- Create your FACTS login.
- Choose to apply to the University of South Florida.
- Complete the online application by selecting USF St. Petersburg; then print and follow the Final Application Steps listed on the Confirmation Page.
- Apply online at http://www.facts.org/.

As part of the State University System (SUS) of Florida, USF St. Petersburg uses the common SUS Application Form for undergraduates. Applicants who are attending Florida high schools or Florida community/junior colleges may obtain the SUS Application Form in school guidance offices. The USF International Student Application for Admission, as well as the SUS Application, may be requested from the Office of Admissions & Records, BAY 102, 140 7th Avenue South, St. Petersburg, FL 33701. All of the application forms are also available on all USF campuses. (When requesting an application, please indicate applicant category - freshman, undergraduate transfer, or international student.) Applications can be requested by phone, toll-free at 877-USF-BULL or by e-mail at bullseye@admin.usf.edu. Application forms may also be downloaded from http://www.stpt.usf.edu/admissions/application.html

When to Apply

Applications for admission are accepted as early as 12 months before the requested entry term. Applications for admission and the $30.00 non-refundable application fee should be submitted by the priority date (see academic calendar) for the requested entry term or by the application deadline for the requested degree program (see specific program in this catalog), whichever is earlier. The priority date is normally about ten weeks prior to the first day of classes in each term. Applications for admission and application fees from international students (non-resident aliens) must be received at least five months prior to the requested entry term. Applications submitted after the priority date will be accepted but processing for the requested term of entry cannot be guaranteed.

Who Should Apply

An application for admission must be submitted by all students who have not been admitted to and enrolled in a USF degree program within the last three terms. Former or continuing USF degree-seeking students must file another application for admission when applying for a second degree program, another level of study or readmission (see Readmission). Anyone who has previously been admitted and enrolled as a degree-seeking student and has paid an application fee will not be required to pay another fee.

The Director of Admissions & Records may waive payment of the application fee for disadvantaged applicants if the fee serves as a deterrent to application.

Changing Requested Term of Entry

Applicants may update their application for admission for up to one year from the originally requested semester of admis-
sion. All requests for changes of entry term must specify any academic misconduct that was not reflected on the original application and must be received by the appropriate published application deadline for the new term of entry or degree program specified, whichever is earlier. Additionally, any issues related to criminal or academic misconduct that were not reflected on the initial application must be reported in writing to the Office of Admissions & Records. A new application and fee must be submitted when applicants wish to be considered for admission for a term that begins more than 12 months after the originally requested entry term.

An applicant who requests a new entry term must meet the admissions requirements in effect for the new term requested. Entry for some programs is limited to specified terms.

GENERAL ADMISSION POLICIES

Transcripts and other admission documents
All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant’s responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF St. Petersburg Office of Admissions & Records. (See “Minimum Requirements for Admission” below for information concerning required documentation.)

All credentials and documents submitted become the property of USF St. Petersburg. The originals or copies of the originals will not be returned to the applicant or forwarded to another institution, agency, or person.

Provisional Admission
An applicant admitted on a provisional basis must submit the requested missing credentials, such as official final transcripts or test scores that substantiate eligibility for admission before a second registration will be permitted.

Applicants who do not meet standard Board of Education minimum admission requirements may be admitted to the University on academic probation. Students admitted on probationary status must accumulate 30 semester credits and maintain a minimum cumulative 2.0 grade point average (GPA) each term enrolled with no single term GPA below a 1.0 before the probationary status is removed. (A term GPA below 2.0 in the first term of enrollment results in permanent academic dismissal.) Advising is mandatory prior to registration. Failure to meet these conditions results in permanent academic dismissal from the University.

Non-degree Seeking Status
Performance in courses taken as a non-degree-seeking student will not qualify an applicant for admission as a degree-seeking student. Similarly, courses taken as a non-degree-seeking student will not be utilized in determining an applicant’s grade point average for purposes of admission.

A non-degree-seeking (special) student who has been dismissed from USF is not eligible for admission to USF as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the USF Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.

Freshman and undergraduate transfer applicants denied admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking (special) students.

Admission Denials
Receipt of final official credentials which fail to substantiate eligibility will result in rescission of admission, reclassification to non-degree status, and denial of continued enrollment in subsequent terms.

An undergraduate applicant who is denied admission may be eligible to appeal and will be advised of applicable appeal procedures by the Office of Admissions & Records.

An application for admission or a residency affidavit submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission, further registration and/or degrees awarded.

The University may refuse admission to a student whose record shows previous misconduct not in the best interest of citizens of the University community.

Required Summer Term Attendance
All students entering the University with fewer than 60 semester hours of college level academic work are required to earn at least 9 semester hours during one or more Summer terms prior to graduation (see Summer enrollment requirements).

CLAST Test Requirement
All undergraduate transfer students admitted to USF St. Petersburg must earn passing scores on all four sections of the College Level Academic Skills Test (CLAST) prior to receiving an A.A. certificate or baccalaureate degree from the University. Transfer students entering USF St. Petersburg with fewer than 45 transferable semester hours must take CLAST during the term in which 45 semester hours will be completed. Transfer students entering USF St. Petersburg with 45 or more transferable semester hours must take CLAST the first term it is offered after initial enrollment.

Required Orientation
Prior to beginning classes, all new undergraduate students and some former students returning are required to participate in an Orientation/Academic Advising/Registration program at USF St. Petersburg. This program is designed to help new students become acquainted with the University, choose courses, register for classes, and complete all other necessary procedures. New students receive Orientation/Academic Advising/Registration information after admission.

Required Proof of Immunity
Prior to registering for classes that meet on campus, all students born after 1956 are required to present documentation of proof of immunity to MEASLES (Rubella) and RUBELLA (German Measles). (See Immunization Policy.)

Limited Access Programs
Undergraduates seeking entrance to quota/limited access degree programs must meet special program requirements in addition to requirements for admission to the University. While many quota/limited access programs admit students only at the junior level, some programs admit students for the freshman or sophomore years. The admission criteria and procedures for quota/limited access programs at USF St. Petersburg furnish equal access to A.A. degree holders from Florida public community/junior colleges, transfers from other SUS institutions, and USF St. Petersburg students of equivalent status. Transfer applicants with 90 or more transferable semester hours who are seeking admission to quota/limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF St. Petersburg.

USF has established the following undergraduate programs as quota/limited access: Mass Communications; all degree programs in the College of Business; all degree programs in the College of Education; and all degree programs in the College of Nursing. The admissions requirements for these degree programs may be found with other program information in appropriate sections of the university-wide catalog.
Minimum Requirements for Admission

Freshman Applicants

To be considered for admission, freshman applicants must submit an SUS or USF Application for Admission, a non-refundable application fee of $30.00, an official high school transcript, official GED scores if applicable, SAT or ACT scores, and a TOEFL score if applicable.

Although USF St. Petersburg has minimum freshman admission requirements, meeting these minimum standards does not guarantee admission. Applicants selected for admission usually exceed the eligibility requirements; however, USF St. Petersburg also considers applicants who do not fully meet minimum requirements but who have important attributes, special talents or unique circumstances that may contribute to a representative and diverse student body. These freshman applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of ability to do successful academic work at USF St. Petersburg.

For purposes of admission, USF St. Petersburg recalculates a high school grade point average (GPA) based on grades earned in all college preparatory academic courses. In recalculating a GPA, USF St. Petersburg assigns additional weights to grades earned in honors, Advanced Placement courses and International Baccalaureate courses.

The University normally requires a diploma from a Florida public or a regionally accredited high school or the state-approved General Education Development (GED) diploma. Students admitted under the Early Admission Programs are exempted from this requirement. Students who are participating in an approved home schooling program are expected to provide acceptable copies of annual evaluations for the equivalent of grades 9 through 12. A portfolio or additional documentation may be requested if deemed necessary to complete an appropriate evaluation for admission. Other minimum requirements are outlined below.

1. Freshman applicants must submit an official test score from the Scholastic Aptitude Test (SAT) or the American College Test (ACT).
2. For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine through twelve are required: four units of English (three of the four must incorporate substantial writing requirements); three units of mathematics (algebra I and above); three units of natural sciences (two of the three must incorporate substantial laboratory requirements); three units of social sciences (history, civics, political science, economics, sociology, psychology and geography); two units of the same foreign language; and four additional units of academic electives. Substitution for any high school unit requirement may be provided for applicants who are hearing impaired, visually impaired, dyslexic or who have a specific learning disability. Documentation of the disability and its relationship to the substitution of a unit requirement should be submitted with the application for admission.
3. Freshman applicants must minimally meet one of the following to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission:
   a. Required Test Scores & High School GPA
      H.S. GPA  SAT I  ACT  Admission Action
      3.5+  Admit
      3.20-3.49  900  18  Admit
      3.0-3.19  950  19  Admit
      2.90-2.99  970  20  Admit
      2.80-2.89  980  21  Admit
      2.70-2.79  990  21  Admit
      2.60-2.69  1000  21  Admit
      2.50-2.59  1010  21  Admit
      2.25+ 1200  26  Admit
      * SAT taken after 3/31/95
      ** EACT taken after 10/31/89
   b. Criteria for admission based on a GED diploma: An overall score of at least 300 for all five tests — at least 50 on each of the five tests — an SAT I verbal and quantitative combined score of 1010 or an ACT composite score of 21. These criteria also are required for students in approved home schooling programs;
   c. Appropriate alternative evidence of academic achievement, ability, motivation and responsibility that indicates potential for successful academic work at USF St. Petersburg.
4. A first-time-in-college applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing. If otherwise qualified, applicants who present TOEFL scores between 173 and 213 (computer-based test) or 500 and 547 (paper-based test) may be considered for admission with the condition that they must take a specified sequence of English courses. International students (non-resident aliens) must also comply with all requirements for admission of international applicants (next page).
5. If a student has not earned the following scores on the SAT I or the EACT, then college preparatory work will be required during the first term of enrollment at USF St. Petersburg:
   SAT I - 440 verbal, 490 mathematics or
   ACT - English 17, Reading 18, Mathematics 21.

Undergraduate Transfer Applicants

Applicants with fewer than 60 transferable semester credits are considered lower-level transfers; upper-level transfers are those with 60 or more transferable semester credits (see below). Regardless of category, grade point averages (GPA) for purpose of admission will be computed based only on grades earned in courses that are acceptable for transfer credit and as calculated by USF St. Petersburg.

USF St. Petersburg accepts transfer credits only from institutions that are accredited by one of the regional accrediting agencies/commissions recognized by USF St. Petersburg at the time the credits are earned. (See Evaluation of Transfer Credit). All credits earned during the period of time a regionally accredited institution was in a "candidacy" status for accreditation is considered for transfer credit. Credits earned at an institution that is currently in "candidacy" status will not be considered for transfer credit until such time as the awarding institution receives full regional accreditation. For an applicant applying from a non-regionally accredited school, the admissions decision will be based on prior work at a regionally accredited institution. If all post-secondary work is from a non-regionally accredited school, the evaluation will be based on the high school record and test scores and the applicant will be regarded as a freshman for purposes of admission.

USF St. Petersburg reserves the right to evaluate specific courses and deny transfer credit. USF St. Petersburg does not award transfer credit that is determined to be occupational or vocational in nature.

Lower-Level Transfer Applicants

(with fewer than 60 transferable semester credits)

To be considered for admission, transfer applicants with fewer than 60 transferable semester credits must submit an SUS or USF Application for Admission, a non-refundable application fee of $30.00, an official high school transcript from each previous college attended, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a TOEFL score if applicable.

Lower-level transfer applicants must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission:
1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;

2. Have an overall "C" average (2.0 on a 4.0 scale) as calculated by USF St. Petersburg in all college-level courses acceptable for transfer credit to USF St. Petersburg. (In the calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions);

3. Satisfy all freshman admissions standards as described in the previous section entitled "Freshman Applicants." (Meeting freshman admission standards is a critical requirement for undergraduate applicants with fewer than 60 transferable credits. Board of Education rules and policies do not provide for local exceptions to these requirements);

4. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at a previous college or university;

USF St. Petersburg also considers applicants who do not fully meet the minimum requirements as stated in #1 and #2 above but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that supports potential for academic success at USF St. Petersburg.

Upper-Level Transfer Applicants
(with 60 or more transferable semester credits)

To be considered for admission, transfer applicants with 60 or more transferable semester credits must submit an SUS Application for Admission, a non-refundable application fee of $30.00, an official transcript from each previous college attended, and a TOEFL score if applicable.

Any transfer student with 90 or more semester hours who designates a desire for admission to a limited access undergraduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

Applicants with Associate of Arts (A.A.) degrees from Florida public institutions will be admitted as juniors into the University within curricular, space and fiscal limitations. A.A. degree holders seeking admission to quota/limited access degree programs must also meet all requirements specified by the desired program. The admission of Florida community/junior college A.A. transfer students is governed by the Articulation Agreement between state universities and public community colleges in Florida.

Undergraduate transfer students who have not earned the A.A. degree from a Florida public institution or who have attended another college after receipt of the A.A. must meet the minimum requirements listed below to be admitted in good standing:

1. Be in good standing and eligible to return to the last regionally accredited institution attended as a degree-seeking student;

2. Have an overall "C" average as calculated by USF St. Petersburg (2.0 on a 4.0 scale) in all college-level courses acceptable for transfer credit to USF St. Petersburg. (In calculation of the GPA, incomplete grades are computed as failures and course "repeats" are not forgiven when the courses are repeated at different institutions);

3. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of the same foreign language at a previous college or university (as required by Florida Statute 240.233). Students who entered a Florida public community/junior college prior to August 1, 1990 and maintain continuous enrollment until the time of their USF St. Petersburg entry as degree-seeking students may be admitted without the required foreign language study;

4. Meet the minimum grade point average required by the program if entering a quota/limited access program and transferring 90 or more semester hours;

5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing. If otherwise qualified, applicants who present TOEFL scores between 173 and 213 (computer-based test) or 500 and 547 (paper-based test) may be considered for admission on the condition that they must take a specified sequence of English courses. International citizens (non-resident aliens) must also comply with all requirements for international applicants.

USF St. Petersburg also considers applicants who do not fully meet the minimum requirements as stated in #1 and #2 above but who have important attributes, special talents, or unique circumstances that may contribute to a representative and diverse student body. These undergraduate transfer applicants are considered for admission by a faculty committee on the basis of other appropriate evidence of promise for academic success. These applicants should also submit appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that indicates a potential for academic success at USF St. Petersburg.

Students Entering the Florida Community College System and Planning to Finish their Degrees at USF St. Petersburg

Students attending community colleges in Florida who declare a major in an area of study that is an approved major for a baccalaureate degree at USF St. Petersburg may be eligible for admission after completing two years of study. To receive transfer credit, students must have an overall GPA of 2.0 or better on a 4.0 scale. Students must receive and submit an official transcript from each community college attended. Students planning to transfer to USF St. Petersburg as a junior must complete the equivalent of the following courses with a grade of C or better:

1. English Composition/Literature (3 hours)
2. History of the United States (3 hours)
3. Introduction to Psychology (3 hours)
4. Calculus I (4 hours)
5. General Chemistry I (4 hours)

All transfers are subject to review by the University Honors Program. Students admitted as juniors must complete all general education and major requirements as outlined in the Undergraduate Catalog. Students transferred to USF St. Petersburg in the sophomore year must complete all general education and major requirements as outlined in the Undergraduate Catalog. Students transferred to USF St. Petersburg in the junior year must complete all general education and major requirements as outlined in the Undergraduate Catalog.

Students Entering the Florida Community College System and Planning to Finish their Degrees in the State University System

An articulation agreement, in effect since April 13, 1971 and later adopted by the Florida Legislature in statute form as Florida law, governs an effective and orderly transfer of Florida community college students into the State University System (SUS).

The agreement defines and establishes the Associate of Arts degree from a Florida public community/junior college as the basis for all articulation rights. Among these guarantees, the following are central to the transfer process:

1. A.A. graduates will be granted admission to a university within the SUS, but not necessarily to the university or program of choice.

2. A.A. graduates will have the same opportunity to enroll in a university limited access program as the native university student.

3. Upon transferring to a public university in the Florida SUS, A.A. graduates will be awarded at least 60 credit hours towards the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.

4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, advanced placement and credit by exam, will be transferable to the state university.

5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.
6. The university catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student’s entire program, provided the student maintains continuous enrollment as defined in that catalog.

7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

Included in these transfer guarantees is the right of appeal. Students may appeal to the university and to the Statewide Articulation Coordinating Committee. Students who have questions or want more information about the articulation agreement should contact the Academic Advising Office.

Evaluation of Transfer Credit

1. The receipt and evaluation of transfer credit is the responsibility of the Office of Admissions & Records. The Office of Admissions & Records will evaluate the acceptability of total credits transferable to the University. The college of the student’s major will assign equivalent courses in determining which courses are applicable toward a specific degree at the University. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar courses as part of their programs of study. Transfer students should be prepared with personal copies of their transcripts of all past course work to discuss advisement and placement with the appropriate academic advisor and should contact the college of their major soon after registration so that an official evaluation may be completed.

2. USF St. Petersburg will accept credits only from those institutions accredited by one of the regional accrediting agencies/commissions* at the time the credits are earned. (See * below for agencies recognized by USF St. Petersburg.) All credits earned during the period of time a regionally accredited institution was in a “candidacy” status for accreditation are considered for transfer credit. Credits earned at an institution that is currently in “candidacy” status will not be considered for transfer credit until such time as the awarding institution receives full accreditation.

3. USF St. Petersburg reserves the right to deny credit for specific courses. USF St. Petersburg does not award transfer credit from institutions that it determines to be occupational or vocational in nature.

4. Associate of Arts (A.A.) degree holders from Florida public accredited institutions will be considered as having met USF St. Petersburg general distribution requirements and are automatically awarded 60 semester hours of credit. A course-by-course transfer credit evaluation will be done for all out-of-state and private in-state A.A. degree holders.

5. Effective Fall Quarter 1976, all courses from a Florida Community College/University bearing the same State Common Course prefix and last three numbers as a USF St. Petersburg course are automatically transferred and transferred students may not be required to repeat these courses, unless a college age-of-record policy is involved. Excluded are graduate courses, studio courses in art, internships, practicum, and performing arts courses such as dance, theater performance, voice, and instrumental music.

6. Virtually all USF St. Petersburg baccalaureate degrees require that at least 60 semester hours be earned from a baccalaureate-granting institution regardless of credit hours transferred from a community/junior college unless the student has received prior approval for waiver of this policy from the college of the student’s major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specified articulated A.S. degree programs, consult the USFSP Recruiting Office.

7. Credit will not be awarded for GED tests.

8. Military service school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented.

9. For ROTC and military science courses taken after Fall Quarter 1975, the maximum credit will vary with each college. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science taken prior to Fall 1975 are not acceptable for transfer credit.

10. A maximum of 45 semester hours of College Level Examination Program (subject and general examinations) credits can be accepted for transfer credit.

11. A maximum of 30 semester hours of extension, correspondence, and military service education credits can be applied toward a degree.

12. Grades earned in transferred courses are not computed in the student’s USF GPA except for the purposes of admission to limited access programs, the awarding of honors at graduation, and class ranking of baccalaureate students.

13. International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student. The student must obtain prior written approval from the college of the student’s major in order for courses taken at other regionally-accredited institutions to be applied to the USF St. Petersburg degree program.

*Accrediting Agencies/Commissions:
- New England Association of Schools and Colleges, Commission on Institutions of Higher Learning
- Middle States Association of Colleges and Secondary Schools, Commission on Higher Education
- North Central Association of Colleges and Schools
- Southern Association of Colleges and Schools, Commission on Colleges
- Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Accrediting Commission for Junior Colleges

International Applicants (non-resident aliens)

To be considered for admission, international applicants (non-resident aliens) must submit a USF St. Petersburg International Student Application for Admission, a non-refundable application fee of $30.00 payable in U.S. dollars, a TOEFL score if applicable, a Statement of Financial Responsibility, undergraduate or graduate admissions test scores as specified for appropriate applicant category, transcripts showing subjects and grades from the first year of secondary work to the time of application, and a Visa Clearance Form (if currently in the U.S.). Transcripts in a language other than English must be accompanied by a certified English translation.

International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student. Information about recommended and approved independent evaluators is available from the Office of Admissions & Records.

An international applicant (non-resident alien) must meet all admission requirements for the appropriate applicant category (freshman, undergraduate transfer, graduate). Other minimum requirements are as follows:

1. An international applicant whose native language is not English must present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing. If otherwise qualified, applicants who present TOEFL scores between 173 and 210 (computer-based test) or 500 and 547 (paper-based test) may be considered for admission with the condition that they must take a specified sequence of English courses.
2. International applicants must be in good standing at the last institution attended.

3. International applicants must submit the USF St. Petersburg Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF St. Petersburg, without financial assistance from the University.

4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.

Non-Degree-Seeking Transient Applicants
An undergraduate transient student is one who comes to the University from another regionally accredited institution and wishes to take courses at USF St. Petersburg for one term only before returning to the parent institution. Transient students may enroll at USF St. Petersburg as non-degree-seeking students. (See Non-Degree-Seeking Students.)

Non-Degree Seeking Student
Non-degree-seeking student enrollment is on a space-available basis and has been established for those individuals who, while not desirous of earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals desirous of taking courses for self-enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. Former USF undergraduate degree-seeking students may only enroll as non-degree-seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (reflecting the degree) from that institution must be sent to the Office of Admissions & Records (Attention: Student Records Area) prior to registration.

Individuals enrolling as non-degree-seeking students who wish to plan to make formal application to the University may not apply more than 14 semester hours toward an undergraduate degree.

Applicants denied admission to USF as degree-seeking undergraduates may not enroll as non-degree-seeking students. Performance in courses taken in this category will not qualify an applicant for admission as a degree-seeking student. A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF St. Petersburg as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets all other admission requirements, a request for waiver of this rule may be submitted to the Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.

Non-degree-seeking students are subject to the same academic policies as undergraduate degree-seeking students and must adhere to deadline dates published in the University Schedule of Classes. Non-degree seeking students are not eligible to receive University honors or participate in the USF St. Petersburg/Florida Public Community College cross-registration program.

Non-degree-seeking students also are not eligible to receive financial aid. Non-degree seeking students are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative for the appropriate academic unit in which the student is pursuing coursework. Potential non-degree seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist that must be met prior to enrolling.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service.

Students born after December 31, 1956 must also submit proof of immunity to measles. (See Immunization Policy.)

Readmission (Former Students Returning)
A former student returning (FSR) is any degree-seeking undergraduate student who has not earned his/her degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. Former students returning must be readmitted to the University. In order to be considered for readmission, a former student should file a new Application for Admission with the Office of Admissions & Records by the deadline indicated in the Academic Calendar for the term of requested re-entry. A new application fee is not required. (Former College of Education majors must contact the College of Education Advising Office for additional readmission requirements.)

To be readmitted, a student must meet the following requirements:
1. Be eligible to return to USF St. Petersburg;
2. Be in good standing and eligible to return to the last institution attended as a degree-seeking student; and
3. Have achieved a GPA of at least 2.0 as calculated by USF St. Petersburg on a 4.0 scale on all college-level academic courses attempted at institution(s) attended since last enrolled at USF St. Petersburg.

Students who have attended one or more institutions since their last enrollment must request official transcripts of all work attempted at the other institution(s) be sent to the USF St. Petersburg Office of Admissions & Records. Acceptability of transfer credits toward completion of USF St. Petersburg degree programs will be determined by the college of the student’s major.

Prior to registering for classes, former students returning who have been readmitted are required to participate in an orientation program. Former students returning will receive orientation information after readmission.

Transient students and non-degree-seeking students are not considered former students returning. These students who wish to enter as degree-seeking students must file an application with the Office of Admissions & Records prior to the deadline listed in the Academic Calendar for the requested term of entry. Former USF students who have earned the baccalaureate degree at USF St. Petersburg or at another institution and who now wish to return to USF St. Petersburg to earn another undergraduate degree must file an Undergraduate Application for Admission with the Office of Admissions & Records. No application fee is required. A student may not work on a second undergraduate degree if he/she has been accepted into a graduate program.

NOTE: Prior to registration for classes that meet on campus, all students less than 40 years of age must submit acceptable proof of immunity to measles. (See Immunization Policy.)

Evening Courses
The admission requirements and achievement levels in the day and evening courses are the same. Any student accepted to the University may enroll in any appropriate courses offered in the evening.

Senior Citizen Tuition Waiver
Florida residents who are 60 years of age or older by the first day of a respective semester/term may enroll in certain undergraduate or graduate courses, on a space-available basis, without paying tuition. Academic credit is not awarded, examinations are not required, and grades are not given.
SPECIAL PROGRAMS

Honors Program
Superior students in all majors may avail themselves of Honors opportunities at USF St. Petersburg. University Honors Four Year Track is designed for first-time-in-college students. University Honors Two Year Track is designed for transfer or upper-level students. These exciting experiences are grounded in the liberal arts tradition and intended for students regardless of major. The primary goals of University Honors are the development of critical thinking skills, an appreciation of the liberal arts tradition and the development of creative, independent thought. Students in the Honors Program are required to complete a senior honors thesis.

Potential University Honors students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.50 college GPAs and 1200 SAT or 27 ACT scores. Many scholarships are available for Honors students.

Students who satisfactorily complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors Graduates at Commencement as well as on their diplomas and transcripts.

The program involves our best and brightest students in challenging seminar courses with a strong orientation toward interdisciplinary perspectives on major issues and works. They work closely with faculty members in planning, researching and writing honors theses. The Honors Program gives students the opportunity to achieve scholastic distinction, perfect their critical thinking skills and their oral and written expression.

Learning Community
Specially designed for the freshman year, the Learning Community (LC) Program provides a structure and environment for building both college and community relationships while developing skills for college success. Each Fall term, up to 50 students are admitted to the LC. For the Fall and Spring terms, these students share General Education classes linked by topic or theme, the University Experience class, and a Service Learning class. They also enroll in other courses appropriate for their majors.

The LC helps students achieve their individual academic and personal goals through study groups and shared learning experiences. During this important first year in college, LC students enrolled in common courses also create friendships that are supportive and lasting.

Admission to the program is on a space-available basis and requires the submission of a Participation Agreement. For more information regarding admission, interested students should call (727) 553-4727 or (727) 553-1013, and visit our website at www.spt.usf.edu/coas/learning/index.htm

Opportunities for Accelerated Progress Toward Undergraduate Degrees
USF St. Petersburg provides several options by which students may accelerate their progress toward completing the baccalaureate degree. These options recognize knowledge that has been acquired prior to or during attendance at USF St. Petersburg and provide the opportunity to earn University credit. Options that may be used include the following:

1. Recognition of satisfactory performance on tests offered through the College Level Examination Program (see CLEP).
2. Recognition of satisfactory performance on tests offered through Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).
3. Recognition of the International Baccalaureate Diploma Program. Students who earn the IB Diploma will be awarded 30 semester hours of college credit and sophomore standing. Credit for higher level exams with a score of 5 or higher may be awarded to those students who do not earn the IB diploma.
4. Educational Outreach courses by television.

Credits may be earned through a combination of the above options. Students should contact their college advisors for further information concerning the application of this credit toward their degree requirements.

Dual Enrollment
The University of South Florida St. Petersburg is piloting a Dual Enrollment Program with St. Petersburg High School starting in the fall of 2004. Dual enrollment classes are open to academically qualified St. Petersburg High School students who are recommended by their guidance counselor or principal. During dual enrollment, students may only take courses that are creditable toward their high school diploma.

St. Petersburg High School students wishing to be accepted as Dual Enrollment students at the University of South Florida St. Petersburg must:

1. be at least 16 years old at the start of the term;
2. have completed their sophomore year;
3. achieve a grade point average of 3.0 or higher on a 4.0 scale;
4. satisfy any course prerequisites;
5. present acceptable SAT or (E)ACT scores;
6. present acceptable TOEFL scores, when applicable;
7. obtain a written letter of permission from the School Principal or his/her representative.

Additional information about Dual Enrollment can be obtained by contacting the University Recruiter Office at 553-1002.

USF St. Petersburg/Florida Public Community College Cross Enrollment
Some undergraduates may find it advantageous to cross enroll at a Florida public community college while attending USF St. Petersburg. To prevent problems with financial and other registration issues, see a USF St. Petersburg academic advisor for detailed instructions and course approval. Procedures to permit this type of registration are available during specified times printed in the University Schedule of Classes. Credit hours for the course(s) taken at the host institution will apply toward graduation only if prior approval was received from the student’s USF St. Petersburg advisor. The grade point average will not transfer to USF St. Petersburg.

USFSP Transient Students
USF St. Petersburg degree-seeking students who wish to enroll at another regionally accredited institution MUST HAVE PRIOR WRITTEN APPROVAL from their college academic advisor to receive credit for courses taken. The transient student/cross enrollment form should be used for this purpose.

FINANCIAL INFORMATION

Florida Residency For Tuition Purposes
This notice summarizes the provisions of 240.1201 Florida Statutes, BOR Rule 6C-7.05 and University Policy/Procedure concerning Florida Residency for tuition purposes.

In determining residency classification, students fall into one of two categories. They are either independent students (students not claimed on parent’s or legal guardian’s federal income tax statement or whose parents do not provide 50% or more of their support) or dependent students (students, regardless of age, who are claimed as dependents by parent or legal...
guardian on federal income tax statement or whose parents provide 50% or more of their support. The law basically requires that a U.S. citizen/permanent resident alien/independent student or a dependent student’s parent/legal guardian has established and maintained a LEGAL Florida residence for at least twelve (12) months before the first day of classes of the term for which Florida residency status is sought.

USF St. Petersburg is required to obtain documentation of 12 months. Legal residence before a student is classified as a Florida resident for tuition purposes. A student is required to request Florida residency in writing and submit supporting documents no later than the fifth day of classes in the term for which classification is sought.

The following is acceptable, nonconclusive evidence of the establishment of a legal residence in Florida. At least one such document must be dated/issued at least 12 months before the first day of classes of the term for which Florida residency is sought.

1. Proof of purchase of permanent home in Florida.
2. Declaration of Domicile.
3. Florida’s driver’s license.
4. Florida voter’s registration.
5. Florida vehicle registration.
6. Florida vehicle title.
7. Professional/occupational license in Florida.
8. Florida incorporation or other evidence of legal residence in Florida.

PLEASE NOTE: Rent receipts, leases, employment records, tax returns, school/college records are NOT evidence of establishing a legal Florida residence. Students who are dependent on out-of-state parents or who come to Florida for educational purposes are generally ineligible for reclassification to Florida status. In rare cases, the law allows some students (e.g., military, public school teachers, etc.) who do not meet the basic requirements to be classified as Florida residents for tuition purposes. For more information about exceptional categories, contact the Office of the Admissions & Records.

Fees

The levels of the Activity and Service Fee, the Health Fee, and the Athletic fee are determined on each campus by a student fee committee appointed by the President of the University and the Student Government President. The committee includes USF St. Petersburg faculty and students with the majority of the committee being students. The fees may be reviewed on a yearly basis. The following fee schedule applies to all USF St. Petersburg students.

Registration fees are assessed in accordance with University Board of Trustees rules. All fees are subject to change without prior notice. The University will make every effort to advertise any such changes if they occur.

1. Initial Application Fee

There is a non-refundable application fee of $30. Checks or money orders must be made out to USF. Applications received without the application fee will not be processed until the appropriate fee is received.

2. Tuition

Schedule/Fee Statements are no longer mailed. Tuition is due by the fifth day of each term. To find out the amount of the total tuition due (the amount will not reflect any payments made on the account), students can bring a photo ID to the Office of the Registrar, located in the Lobby of Bayboro Hall, and request a Registration Confirmation which will reflect total tuition and fees.

The student is responsible for paying fees in full by the appropriate due date stated in the particular term’s “Schedule of Classes.” Failure to do so may result in cancellation of the student’s registration. Fees paid by mail must be postmarked by the post office, not office meter stamped, on or before the fifth day of the term. Checks are payable to USF St. Petersburg.

To avoid a $100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for the academic term. Upon approval for reinstatement, all fees and other debts owed to the University must be paid in full by cash, money order, or cashier’s check before reinstatement will be affected.

a. Tuition Fee Structure

Please refer to the current Schedule of Classes for course fee information.

NOTE: There is no ceiling (maximum) on the amount that a student may be assessed for a single term.

A lab fee of $8.00 to $15.00 is charged on certain courses. Please consult your class schedule to locate the courses that require the fee and the amount of fee that applies to the course.

Students who only register for a co-op assignment must pay a minimum of one (1) hour at the level of the co-op assignment.

b. Off-Campus College of Education Courses

Students enrolling for off-campus (Continuing Education) courses will be assessed fees according to the fee structure “a” above. Continuing Education courses are designated by the “700 series” section number. The “Schedule of Classes,” which is printed each semester, should be used as a reference for updated information.

3. Late Registration Fee

All degree seeking students who initiate (i.e., those students who have not enrolled for any courses during early or regular registration) their registration during the late registration period will be automatically assessed a $100.00 late registration fee.

4. Financial Aid Disbursement

Upon satisfaction of eligibility criteria, financial aid will be credited to student accounts after the drop/add period is over. Monies in excess of charges will be mailed to students’ local addresses.

5. Cancellation for Non-Payment of Fees

Students not on an authorized deferred payment of fees and who have not paid their tuition fees in full by a specified day (per “Schedule of Classes”) will have their registration for that term cancelled. This means, specifically, that a student will receive no credit for any courses taken during that term.

6. Intern Certificate of Participation

Individuals who have supervised interns may register for courses during a term by presenting their intern Certificate of Participation. Prior to July 1, 1997, the Intern Participation Certificate stated that all fees were waived with the exception of the Bond and Trust Fee that was $4.76 per credit hour. Certificates were valid for five years from the date of issuance.

The new Intern Participation Certificate effective July 1, 1997 states that certificate holders are entitled to a waiver of only matriculation fees for a maximum of six (6) credit hours
instruction during a single term. Certificates are valid for three years from the date of issuance.

Fees must be paid or postmarked by the U.S. Post Office (not office meter marked) by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail.

7. Staff Employee Waivers
The University is developing a new program to provide a successor to the former tuition waiver benefit. Please check with Human Resources regarding this benefit.

8. Tuition Deferment for VA Students
Students receiving VA benefits who have applied in writing no later than the date specified in the “Schedule of Classes” for the deferment in Veterans Services have until a specified date (see Schedule of Classes) to pay tuition in full.

9. Florida Prepaid College Program
Students who are eligible to receive benefits under this program are responsible for the local portion of fees. For 2003/04, these fees are per credit hour are $11.42 at USF St. Petersburg.

This fee must be paid or postmarked by the fifth day of the term to avoid being cancelled or charged the $100.00 late payment fee.

10. Mailed Payments
To avoid cancellation of registration or a $100.00 Late Payment Fee, all fee payments must be postmarked, by the post office not office metered, by the applicable fee payment deadline listed in the Academic Calendar.

11. Returned Registration Checks
A student’s current registration is subject to cancellation if the check presented in payment of those fees is returned to the University unpaid. Dishonored fee payment checks must be redeemed within 10 calendar days to avoid cancellation of a student’s current registration. A $100.00 Late Payment Fee and a $25.00 administrative charge will be assessed on any registration check returned unpaid to the University.

Refund of Tuition/Fees Payment
Release of Tuition/Fees Liability
The following refunds, less deductions for unpaid debts to the University, are authorized. A Refund Request form must be completed and presented to the Cashier’s Office, BAY 132, to initiate the refund process. A two-week waiting period is observed for each refund to be sure checks have cleared.

100% of registration fees and tuition will be refunded if notice of withdrawal from the University is received prior to the end of drop/add period and written documentation is received from the student.

25% of registration fees and tuition paid less building and capital improvement fees, will be refunded if notice of withdrawal from all courses from the University is approved prior to the end of the fourth week of classes (summer term is prior to the end of the third week of classes) and written documentation is received from the student.

Fee Adjustment Request After Fifth Day of the Term
Effective January, 1989, USF St. Petersburg approves a refund of 100% of the tuition and registration fees if a student withdraws or drops a course due to circumstances determined by the university to be exceptional and beyond the student’s control. Requests for fee adjustments must meet one of the conditions below to be considered.

10% of registration fees and tuition will be refunded when a student withdraws or drops a course due to circumstances determined by the university to be exceptional and beyond the student’s control, including but not limited to:

(1) Illness of a student of such severity or duration, as confirmed in writing by a physician, to preclude completion of the course(s). (5) Other documented exceptional circumstances beyond the control of the student that precluded completion of the course(s) accompanied by letter of explanation and appropriate documentation.

Students, who receive financial aid and subsequently change their enrollment status that results in a refund in accordance with this subsection, may have all or a portion of their refund returned to the University’s financial aid programs in accordance with the Financial Aid Policy on Refunds and Repayments.

Payment of Accounts Due the University
Charges against students for loss or breakage of University equipment, books, fines and other charges are due immediately. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration, or release of transcript, diploma, or grades for any student whose account with the University is delinquent. Payments should be brought to the Cashier’s Office, BAY 132, by the appropriate deadline.

Financial Aid
Location/Phone: USF St. Petersburg: BAY 105, (727) 553-4128
Office Hours: Monday through Thursday, 9 a.m. to 6 p.m. and Friday, 8 a.m. to 5 p.m.
Web Address: http://www1.supt.usf.edu/saffairs

In addition to finding a wealth of information on the Web regarding your financial aid, you can apply for aid and monitor your aid application at USF St. Petersburg via the Financial Aid Web: http://usfweb.usf.edu/finaid and via OASIS: http://usfonline.admin.usf.edu/.

Complete and submit the FAFSA online at http://www.fafsa.ed.gov. Be sure to list USF St. Petersburg, school code #001537, as a school to receive your information.

Since many programs are funded on a limited basis, it is to your advantage to apply early. Priority application dates and detailed information regarding financial aid are provided each year in the Financial Aid Handbook and on our Web site. Conduct a nationwide scholarship search: http://www.fastweb.com/ and check out USF St. Petersburg’s scholarship information.

The Office of Financial Aid communicates important information regarding your aid via e-mail throughout the year. Therefore, it is extremely important that you ensure that your current e-mail address is in OASIS.

A tuition deferment prevents cancellation of registration for non-payment of fees, and temporarily prevents assessment of the late payment fee. The housing deferment temporarily prevents cancellation of your housing contract. Since financial aid is disbursed after drop/add, check OASIS to see if you have tuition and housing deferments prior to the start of each term (http://usfonline.admin.usf.edu). If you have a tuition deferment, avoid paying a late payment fee by paying your tuition as soon as financial aid is available, or by the deferred payment deadline, whichever comes first. Most financial aid is disbursed through your student account and is applied to tuition and other charges posted to the account before a check is issued for any remaining balance. Since tuition deferment prevents cancellation of non-payment, you must officially withdraw from all classes by the refund deadline to be relieved of liability to pay and to ensure that tuition is not later paid by disbursed financial aid. For further information regarding deferments go to http://usfweb.usf.edu/finaid/. At the bottom of the page, click on “Deferments & Bookstore Advance.”

Short-term loans are also available for limited use. The deadline for deferred tuition payment and details about short-term loans are printed in the Schedule of Classes. Because we
University Police

The USF St. Petersburg Police Department provides a full range of public safety services to the campus community 24 hours a day, 7 days a week. All University Police officers are certified by the State of Florida. The USF St. Petersburg Police Department is accredited through the Commission for Florida Law Enforcement accreditation, Inc. Accreditation is the certification by an independent reviewing authority that an entity has met specific requirements and prescribed standards, and has long been recognized as a means of maintaining the highest standards of professionalism.

General services provided by the University Police include car patrol, foot patrol, bicycle patrol, criminal investigation of all misdemeanors and felonies, traffic law enforcement, traffic crash investigation, special events management, and crime prevention programs.

The University Police Department has an excellent working relationship with all local law enforcement agencies. The University Police maintain 24-hour contact with local, national, and international law enforcement agencies via computer networks such as the Florida Crime Information Center and the National Crime Information Center. The Florida Department of Law Enforcement and other local, state, and federal agencies are available to assist the University Police upon request.

University Police Department Location:
The USF St. Petersburg Police Department is located near the intersection of Fifth Avenue South and Second Street South. The emergency number is “1-9-1-1” and the non-emergency number is (727) 553-4140.

Victims’ Advocacy Program

Location: DAV 115
Hours: 9 am – 6 pm Mondays, Wednesdays, Thursdays; 9 am – 8 pm Tuesdays (during Fall and Spring Semesters); 8 am – 5 pm Fridays.

This service is coordinated by the Counseling & Career Center at USF St. Petersburg. The service is available to assist all USF students or employees who are victims of actual or threatened violence, including but not limited to battery, assault, sexual battery (date, acquaintance or stranger rape), attempted sexual battery, stalking, or sexual harassment. The victim advocate provides information, support, and guidance including short-term crisis intervention, assistance through the campus judicial process, referral to community-based victim assistance programs, help in resolving academic problems resulting from victimization, and referral for necessary counseling, medical, legal and social service assistance.

Advocates are available during regular office hours to provide crisis intervention, options, assistance and referrals. Police reports are not necessary to receive services from an advocate, and services are free and confidential.

Important numbers:
St. Petersburg Police Emergency | 911
USF St. Petersburg Police | (727) 553-4140
USFSP Victim Advocate | (727) 553-4129
Pinellas County Rape Crisis Line | (727) 530-7233
Domestic Violence Crisis Line | (727) 898-3671
South County: CASA | (727) 898-3671
North County: The Haven | (727) 442-4128
Emergency Mental Health | (727) 791-3131

Paying for Transportation

Do you have to have a parking permit?

Parking permits are required for all vehicles parking at USF St. Petersburg 24 hours a day, 7 days a week. Each person may purchase only one vehicle permit (additional permit for motorcycle and/or bicycle are allowed). Permit campus designation is based on home campus/class location. Parking permit fees are required by federal regulations to verify the last date of attendance, at the end of each semester, the Office of Financial Aid mails letters to financial aid recipients who appear to have unofficially withdrawn. (Your semester grades are all F, U, or I) Your last date of attendance may be considered the last date you submitted an assignment or took an exam, or your last date of actual attendance in classes. This letter requires a response within 14 days, or it will be assumed you did not attend beyond the 50% point of the term. This may require you to repay a portion of federal financial aid received.

St. Petersburg (727) 553-4636. If you are outside the calling area, call us at 1-877-USF-BULLS.

Academic Scholarships

Academic Scholarships are administered by a number of different offices within the University.

The Office of Admissions administers a variety of different scholarships for first-time-in-college students. All first-time-in-college students interested in academic and minority scholarships should contact the Admissions Office directly.

The Office of Adult and Transfer Student Services administers a variety of different scholarships for transfer students. All transfer students interested in academic and minority scholarships should contact the Office of Adult and Transfer Student Services directly.

All financial aid applicants are automatically considered for scholarships administered through the Office of Financial Aid, if applications are completed by the priority application dates published each year in the Financial Aid Handbook.

The individual colleges of the USF St. Petersburg (the College of Arts & Sciences, the College of Business, and the College of Education) administer some scholarships directly through the Dean’s Office in each college. New students and transfer students are advised to contact the USF Admissions Office first, and then the individual colleges regarding scholarship opportunities.

For non-Florida residents, a limited number of out-of-state tuition waivers are available based on academic performance. New students and continuing students are eligible to apply for these awards. New students will be considered for the waiver based on their performance in high school or transfer institution.

Continuing USF St. Petersburg students will be considered for the waiver based on cumulative academic performance at USF St. Petersburg. For information contact the Office of Admissions.

First-time-in-college students with general inquiries regarding scholarships should contact the Office of Admissions.

Transfer students with general inquiries regarding scholarships should contact the University Recruiting Office at 553-1002.

Currently enrolled students should contact the individual college in which they are registered or access information through the Office of Financial Aid Web page.

Veterans Services provides specialized services and programs to veterans, eligible dependents, active duty personnel, and members of the Selected Reserve. The staff assists students with their use of Department of Veterans Affairs (VA) Educational Benefits, and serve as information and referral resources. Veterans Services was established to act as a liaison, whenever possible, between the VA students and the VA or various USF offices in order to help resolve problems.

Veterans Services is the point where students submit all paperwork concerning VA Educational Benefits. Programs to help students financially include VA Work-Study Program, VA Deferment of Fees, Advance Payment Program and VA Tutorial Assistance.

Office Hours: 9:00 a.m. to 6:00 p.m., Monday through Friday (except University holidays). For further information, contact the staff in BAY 105, call (727) 553-4128, or visit our web page (http://usfweb.usf.edu/vetserve/).
Do visitors need a parking permit?
Yes. Effective August 1, 1999 a daily parking fee of $2.00 for a daily permit was implemented. The Fee is applicable to visitors and event attendees who park in campus lots, or visitors can choose metered parking during their visit.

How do you obtain a permit?
Parking permits may be purchased at the Cashier’s Office located in Bayboro Hall. The hours of operation are Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday from 8:00 a.m. to 5:00 p.m. (A copy of the vehicle registration and a valid driver’s license is required.) Permits also may be purchased by mail at the following address:
Parking Services
USF St. Petersburg
140 7th Avenue South, ONE 304
St. Petersburg, FL 33701

How can I get help when I have a problem with a vehicle?
Low Tire? Keys locked in car? Need to jump-start your car? You can call Parking Services at 553-4510 Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday 8:00 a.m. to 5:00 p.m. (except holidays). You can call Campus Police at 553-4140 after hours and on weekends. The Department of Public Safety and Parking Services Department provide these services to our campus community free of charge.

Need an escort to your car?
Call Campus Police at 553-4140 for evening escort to your vehicle.

What happens if you get a parking ticket?
Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, or altering a parking permit is a serious parking violation and will result in immediate immobilization or towing of the vehicle. Respond to parking citations within 14 business days of issuance to avoid a late fee of $11. Most common citations are for no decal, expired parking permit, and/or minor which affects his/her benefits. It is the student’s responsibility to inquire concerning all VA rules and regulations and to report any change in number of registered hours, change of majors, or adding a double major and/or minor which affects his/her benefits. Additionally, VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

Students with a service-connected disability approved for benefits under Chapter 31 may contact the Office of Student Financial Services no earlier than one week prior to the start of classes for a book and supplies voucher. Other VA benefits include additional amounts of compensation and pension, which may be payable to eligible veterans and widows or widowers of veterans for the enrollment of dependent children. The students, parents, or guardians are responsible for notifying the VA Regional Office directly of enrollment and termination of enrollment. The VA toll-free number is 1-888-442-4551.

“See “Resident Status,” above

ACADEMIC SERVICES

Academic Advising Center
Location/phone: DAV 134, (727) 553-4511
The Academic Advising Center is dedicated to promoting the successful achievement of students’ academic goals through comprehensive advising services. The Center’s primary responsibility is to provide academic advising to undergraduate students.

The following services are provided to these undergraduate students: advisement regarding academic policies and programs, assistance in the selection of a major, administration of special programs for at-risk student populations, and special advisement for under-represented students. The staff prepares students for entrance into all limited access majors.

LIBRARY SERVICES

Media and Distance Learning Services
The Media Center in Poynter Library offers a large array of media and distance education technologies. This 7,500 square foot facility provides six large and small group listening and viewing rooms for all audio and video formats, a graphics lab, a studio and control room, production room, dubbing and archive room, storage and repair rooms, and an instructional materials center and juvenile collection reading area that seats 44. It also provides for duplication of copyright-compliant learning resources for students and faculty. Media Center staff also will assist with film showings, video taping services, portable public address systems, and other audiovisual support for campus lectures, presentations, and other activities. Media Services provides audiovisual technologies for instructional support in all campus classrooms. Each classroom is equipped, at minimum, with an overhead projector, television monitor, and VCR. Instructors may arrange for other standard audiovisual equipment, including still and video cameras, a portable computer projection system, slide projectors, and DVD or CD players, through written or online requests.

A broadcast studio located in the library Media Center is equipped to receive and send regularly scheduled classes, as well as video conferences or other televised activities. The USFSP Media Staff coordinate such transmissions through the Tampa-based Educational Outreach office responsible for maintaining the video network for all USF campuses. Students from up to ten remote sites may call in through two-way audio
to interact with their instructors. Fax links are also available. Faculty may schedule distance learning activities through the office of Academic Affairs. The distance learning studio, when not is use for classroom transmissions, may be used for teleconferenced meetings, lectures, symposia and other presentations. The class schedule for distance learning courses received or transmitted at USFSP and its distance learning sites is included in the regular USF St. Petersburg course catalog.

Further information regarding these services may be found on the web at www.nelson.usf.edu/av

Poynter Library

The Nelson Poynter Memorial Library, opened in 1996, provides library services for USF St. Petersburg. Poynter Library is open 79 hours per week when school is in session. Librarians staff the reference desk at all times. Reference librarians are also available to help with classroom library instruction for faculty and with individual research assistance for students. Other library services include circulation, reserves (both print and electronic), interlibrary loan, and copier and media services. The library also provides a wireless network that provides access to electronic library resources as well as Microsoft Office programs. Over 200,000 books and approximately 800 periodicals are cataloged and arranged on open shelves using the Library of Congress classification system. A valid USF St. Petersburg ID card (available through Poynter Library’s Media Services) is required to check out materials and to access various library services. Circulation, interlibrary loan, and other library guidelines and procedures are posted on the library web site: www.nelson.usf.edu.

A USF St. Petersburg ID number also provides remote access to the USF Libraries' electronic resources. This electronic library features WebLuis (USF's online catalog), an electronic course reserve system, over 1,000 electronic journals, hundreds of databases, and digitized historical materials such as photographs, documents, and oral histories. Numerous library services such as interlibrary loan request forms, the ability to renew materials, and reference assistance requests are also available online. Through WebLuis and interlibrary loan services, students and faculty have access to all six libraries within the USF Library System, a combined collection of over 1,500,000 volumes. Catalogs of other state university libraries are also available through WebLuis. More information about the USF Libraries’ online resources is available on the World Wide Web at www.lib.usf.edu. Information about obtaining a NetID number for remote access to library resources is available at https://una.acomp.usf.edu/

USF ST. PETERSBURG I.D. CARD

Location/Phone: Media Center, Nelson Poynter Library (POY 221), 553-3409. Card cost is $10, payable in advance at the Cashier's Office, BAY 132.

The USFCard is the official I.D. card of USF St. Petersburg. University policies require that all student, faculty and staff members carry the USFCard while on campus. A valid ID card number is necessary to access many online academic and library services, including services to distance learners. Students may be denied services if they do not have one.

For additional information: www.auxsc.usf.edu/usfcard.asp

Office of Campus Computing

Web Site: http://www.stpt.usf.edu/docs/lab/index.html
Student Helpdesk: BAY 228, phone: (727) 553-4551
USF St. Petersburg Open-Use Computer Lab: BAY 226, phone: (727) 553-4551
Dialup Document Web Site: www.acomp.usf.edu/access.html
Web Email Access: https://una.acomp.usf.edu/

The Office of Campus Computing at USF St. Petersburg is responsible for all functions that involve voice, computing, and data communication services. The St. Petersburg Regional Data Center (SPRDAC) and Campus Computing Services (CCS) are part of the Office of Campus Computing and support these functions. The Office of Campus Computing is also involved in the planning and implementation of the information technology necessary to support the evolution of USF as a major research institution and the development of academic programs that require technology.

The Office of Campus Computing Services (CCS) provides services in direct support of instruction and research for students and faculty. CCS provides the resources and support necessary for faculty to bring technology into the classroom. Student support services are provided through the CCS Help Desk and open-use computer labs. Walk-in assistance for computer questions is available. All USF St. Petersburg students are provided with a NetID and email account. Registered students can obtain automatically generated NetID and email accounts and passwords at https://una.acomp.usf.edu.

Desktop computers, printers, and other associated equipment are maintained in open-use computer labs at USF St. Petersburg to enable students, faculty, and staff access to the network and provide processing support. Other services include phone support, on-line help, and tutorials. The open-use computer labs provide significant hours of access, normally six days (72 hours) a week.

Classroom Technology Resources (CTR), a division of Campus Computing Services, was established to support the computer technology needs of USF St. Petersburg faculty and students in a classroom setting. CTR provides the computing resources necessary for instructors to enhance the learning experience of all USF St. Petersburg students. Each campus classroom is equipped with adjustable lighting, an Internet connected Dell Optiplex computer with CD/DVD, Microsoft Office and Internet Explorer, a VCR, and a large screen multimedia presentation monitor.

The St. Petersburg Regional Data Center (SPRDAC) is a division within the Office of Campus Computing, and its support staff consists of Systems and Network Support, Hardware Repair and the SPRDAC Computer Store. SPRDAC operates as a computing utility, and provides the primary computing support for USF St. Petersburg and other agencies. SPRDAC administers the servers that are home to USF St. Petersburg Web services, telephone services, voice mail, applications software, print services, faculty/staff file storage, and administrative applications. For more information see http://www.stpt.usf.edu/docs/lab/sprdac.html.

The SPRDAC site includes:
- 16 (16) Window servers and three (3) SUN UNIX servers
- Casi-Rusco keyless entry service
- Video surveillance service
- Network Operations Center
- Cisco IP telephone service
- Trane energy management to the campus community

SPRDAC is also responsible for the management and operation of STPnet, the campus-wide Backbone Network providing access to research facilities on campus and the world. STPnet is based on Ethernet technology, and SPRDAC is responsible for monitoring, cabling and its design. This switched network operates at speeds of over one billion bits per second and provides the infrastructure to transport vast amounts of information, voice, graphics and video needed to achieve institutional goals and position USF St. Petersburg as a major research institution.

The SPRDAC Computer Store was formed within the Office of Campus Computing as the authorized Dell reseller for USF St. Petersburg and provides departmental, faculty, staff, and students with computers at the lowest possible cost. SPRDAC Hardware Repair provides Dell authorized warranty, upgrade, and repair services. All of the information concerning the computer store, including current products and pricing, can be found at: http://www.stpt.usf.edu/docs/lab/dell/acc_ret.htm.
ACADEMIC POLICIES AND PROCEDURES

The Office of Admissions & Records maintains the official academic records for all students and course registrations for currently enrolled students. Students are encouraged to contact the Office of Admissions & Records about general questions concerning academic policies and procedures of their current registration or academic record.

Note: Each student must be aware of the University’s academic policies and procedures insofar as they affect him/her.

ACADEMIC REGULATIONS AND INFORMATION

Semester System
USF St. Petersburg operates on a semester system. Semesters begin in August and January with Summer Sessions beginning in May and June. See Academic Calendar for appropriate dates.

Academic Load
The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term) unless approval is received from the dean or an authorized representative of the student’s college. Students classified as Undecided must receive approval from the Center for Academic Advising. In the Fall or Spring Semester 12 hours is the minimum load for a student to be considered as full-time.

Full-time Undergraduate Student Definition - Summer Term

Sessions “A” & “B” (6 weeks)
For: Academic purposes - 6 hours or more each session
For: Financial aid - Students must enroll for 12 hours (undergraduate) in any combination of Sessions “A,” “B” and “C.”

Session “C” (10 weeks)
For: Academic purposes - 9 hours or more
For: Financial aid - Students must enroll for 12 hours (undergraduate) in any combination of Sessions “A,” “B” and “C.”

Students receiving Veterans’ Administration benefits should confirm their Summer Term enrollment with the Office of Veterans’ Services or Veterans’ Coordinator.

Undergraduates may not enroll in 6000-level courses or higher without approval of the college in which the course is offered.

Availability of Courses
USF St. Petersburg does not commit itself to offer all the courses, programs, and majors listed in this catalog unless there is sufficient demand to justify them. Some courses, for example, may be offered only in alternate semesters or years, or even less frequently if there is little demand.

Transfer of Credit to USF
USF will accept credits only from those institutions accredited by one of the accrediting agencies/commissions recognized by USF. However, USF St. reserves the right to deny credit for specific courses. The receipt and evaluation of total transfer credit are the responsibility of the Office of Admissions & Records. The college of the student’s major will determine which courses are applicable toward a specific degree and will assign equivalent courses (see Evaluation of Transfer of Credit under Admissions and Related Matters).

USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the associate of arts degree, or in certain prior approved areas, the associate of science degree before transferring. Special details for students who do not plan to complete the associate degree requirements are available from the Office of Admissions & Records. Also, all transfer students should refer to other entries about undergraduate transfers in the Admissions section of this catalog.

Former Student Returning
The Office of Admissions & Records will evaluate the acceptability of transfer credits taken at regionally-accredited institutions since last enrolled at USF. The college of the student’s major will determine which courses are applicable for his/her major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

Continuously Enrolled Degree-Seeking Student
The Office of Admissions & Records will determine the acceptability of transfer credits for continuing, degree-seeking students who take courses at regionally accredited institutions. However, PRIOR WRITTEN APPROVAL MUST BE OBTAINED from the college of the student’s major if these credits are to be applicable to the USF degree program. A properly-executed Transient Student Form or Cross Enrollment form should be used for this purpose.

Registration for Admitted Degree-Seeking Students
Continuing degree-seeking students register by appointment for their next semester’s courses during the preceding term, either by telephone or in person (regional campuses only). Appointment times and instructions for all registration periods are published in the Schedule of Classes for the appropriate semester.

Prior to initial registration, all newly admitted undergraduate students and readmitted former undergraduate students returning are required to participate in an orientation/academic advising program. Newly admitted students and readmitted Former Students Returning receive Orientation/Academic Advising/Registration instructions from the USF St. Petersburg Office of Orientation.

Registered students may make schedule adjustments in the regular registration period during the preceding term or in the drop/add period during the first week of classes. (Deadline information is available in the Academic Calendar.)

Degree-seeking students who do not register prior to the first day of classes may late-register the first week of classes. A $100.00 late registration fee is charged during this week. (See the section on fees for additional information and the appropriate term’s Schedule of Classes for dates.) To avoid cancellation of registration, fees are due and payable for all registered courses of record on the fifth day of classes (end of drop/add period). (See Academic Calendar for dates.)

NOTE: A Mandatory Medical History Form is required for all students (regardless of age). According to Florida Administrative Code Rule 6C-6.001(4), “Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student.”

Immunization Proof Required
As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documentation of proof of immunity to MEASLES (Rubeola) and RUBELLA (German Measles). (See Immunization Policy.)

Academic Advising for Undergraduate Students
USF St. Petersburg seeks to guide all students in selecting programs and courses best suited to their personal abilities, educational interests, and career objectives. Students who have been admitted to the University should meet regularly, by appointment, with their Academic Adviser in the Academic
Advising Center located in Davis Hall 134. This Center also serves as an initial point of contact for non-admitted, prospective, and/or non-degree seeking students who need information about the University’s academic structure. All students are encouraged to establish an advising relationship with the Academic Advising Center and periodically visit their advisors to keep abreast of any policy, procedural, or curriculum changes that may affect them. In fact, some colleges require advisor approval of student programs each semester. It is important for students to keep in mind that although the University provides advising services to assist students with academic planning, it is each student’s responsibility to see that all graduation requirements are met.

**Initial Advising and Registration**

It is necessary that all students meet with their academic advisor prior to first-class registration. The purpose of this initial contact is to provide the advising unit with routine information to assist it in collecting and maintaining the necessary records to assure the student’s proper progress toward education goals. Transfer students should bring an unofficial or student copy of their transcript(s) to this advising session.

**Declaration of Major**

First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. However, some programs require completion of particular courses within the first two years. For instance, students with majors in the fine arts or engineering should begin specific coursework their first year and are best served by declaring their majors upon entry to the university. In other fields, such as nursing, natural and physical sciences, education and business, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those majors as juniors and to allow graduation on a timely basis. Therefore, students must make early decisions about those majors as well.

Unless restricted by limited access requirements, all students are expected to be officially declared a major by the time they have completed 45 semester hours of course work. Beginning Fall Semester 2004, FTIC students who have not declared a major (or pre-major) and who have completed 45 or more credits of college level coursework will not be allowed to register for further credit coursework at the university until they have declared a major or pre-major.

Transfer students, especially those who have completed 60 hours of work prior to transferring to USF, should declare their majors upon entry to the university. Transfer students who have not declared a major (or pre-major) and who have completed 75 or more credits of college level credits of college level coursework will not be allowed to register for further credit coursework at the university until they have declared a major or a pre-major.

Students transferring in 75 or more credits of college level coursework will not be allowed to register at USF for further credit coursework at the university until they have declared a major or a pre-major. Students transferring in 75 or more credits will be required to declare a major (or pre-major) at the time of admission.

Many resources are made available by the university to assist students in making career decisions and choosing their majors. Information about these resources is readily available from academic advisors. All entering FTIC students now have not made a career/major decision upon entry to the university will be encouraged to enroll in the University Experience course.

**Advising for Limited Access Programs**

Students are cautioned that admission to the University does not imply admission to all the programs and courses offered by the individual colleges; this is especially true with respect to colleges with limited access programs. Colleges such as Business, Education, and Nursing have been designated as limited access colleges and require completion of certain prerequisites before a student may declare a major offered by one of the colleges. It is important that students check the college sections of the catalog for advising and admission requirements. Students planning to enter a limited access program should be aware that their admission by the college may be delayed or that their admission by the college may be delayed or that should be prepared with alternative plans of action. Students seeking admission to limited access programs must demonstrate successful academic progress toward meeting the limited access requirements in order to remain undeclared beyond 45 semester hours of credit.

Lower-level transfer students (entering the University with fewer than 60 semester hours) and upper-level transfer students (entering with 60 or more semester hours) who do not meet the requirements of a limited access major are assigned initially to Freshman/Sophomore level advisers. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to advisers specializing in the college of that major for advising.

**Course Attendance at First Class Meeting**

This policy has been put into effect so that USF St. Petersburg may effectively utilize classroom space and to insure that all students have maximum opportunity to enroll in classes where demand exceeds availability of seats.

Students are required to attend the first class meeting of undergraduate courses for which they registered prior to the first day of the term. Names of students who register prior to the first day of the term are printed on the first class roll for each course section. The first class roll is used by professors to drop students who do not attend the first day of class. Having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement. Students who add courses or late-register during the first week of classes will not be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor. To avoid fee liability and academic penalty, the student is responsible for insuring that he/she has dropped or been dropped from all undesired courses by the end of the 5th day of classes.

This policy is not applicable to courses in the following categories: Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading, study, individual research, thesis, dissertation, internship, practicums, etc.). Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.

**Schedule Changes**

**PLEASE NOTE:** Class days, times and room assignments are subject to change as late as the first day of classes. For updates, please check OASIS at www.slp.usf.edu. Click on “Class Schedule Search.”

**Adds**

After a student has completed his/her registration on the date assigned, he/she may add courses on a space available basis until the add deadline specified in the Academic Calendar. See the appropriate semester’s University Schedule of Classes for detailed instructions and dates.

**Drops**

A student may drop a course(s) during the regular registration and drop/add periods (first five days of classes). No entry of the course(s) will appear on any permanent academic records and full refund of fees is due for course(s) dropped within those periods.

A student may also drop a course(s) between the second and tenth week of the semester (except for Summer sessions—see the Summer Schedule of Classes for dates). Registration fees must be paid for the course(s) and the academic record will
reflect a “W” grade for the dropped course(s). Courses dropped after the ninth week deadline (see Academic Calendar for date) will result in an automatic “F” grade.

Auditing Privileges and Fees
A student who wishes to sit in on a class to review the course material may do so; however, the student is not allowed to take exams, earn grades, or receive credit. The student’s status for that class is an audit and his/her presence in the classroom is as a listener. A student must register to audit courses during the late registration period. (No audit registrations are granted during the regular registration periods.) Fees for audit are the same as for full enrollment for credit except out-of-state tuition is not charged. See University Schedule of Classes for detailed instructions and dates.

Cancellation Before First Class Day
Students may cancel their registration by notifying the Office of the Admissions & Records in writing prior to the first day of classes. If fees have already been paid, the student may request a full refund of fees from the Cashier’s Office.

Withdrawal
A student may withdraw from the University without academic penalty during the first ten weeks of any term (except for Summer Sessions). He/she must submit a completed Withdrawal Form to the Office of Admissions & Records. No entry is made on the academic record for withdrawals submitted during the first week of the term. All subsequent withdrawals (through the tenth week of classes in the Fall and Spring Semesters) are posted to the academic record with “W” grades assigned to the courses. Withdrawal deadlines for the Summer sessions are listed in the Academic Calendar and are published in the Schedule of Classes for the Summer Term. Students who withdraw may not continue to attend classes.

Students who withdraw during the drop/add period as stated in the Academic Calendar may receive a full refund of fees. All refunds must be requested in writing from the Cashier’s Office. No refund is allowed after this period except for specified reasons. See Refund of Fees under Financial Information for complete details.

Repeat Course Surcharges
Initiated by the Florida Legislature (H.B. 1545 of 1997) to reduce costs, all state universities must monitor undergraduate student progress and charge students the full cost of instruction for courses that are formally repeated. This policy became effective Fall 1997 and requires USF St. Petersburg to charge students a substantial per credit hour surcharge when they attempt a course three or more times at USF St. Petersburg, unless the course is specifically designed to be repeated or is required to be repeated by their major. Requirements to earn a passing or higher grade than previously earned in a course do not exempt the surcharge. Students will be required to pay the surcharge in addition to the appropriate in-state or out-of-state tuition rates. It is important to note that all attempts count, including withdrawals after the first week of classes and courses with incomplete grades.

Effective Fall 2000, the University, under the authority of Board of Regents Rule 6C07001(4)(c) and Statute 240.124, F.S., may grant exceptions to this rule based on extenuating circumstances and financial hardship. However, the University may only approve one appeal per course. The exceptions included in the Statute are extenuating circumstances and financial hardship and are defined as follows:

- Extenuating circumstances are those circumstances determined by the University to be exceptional and beyond the control of the student and may include but not be limited to serious illness, documented medical condition preventing completion; death of an immediate family member, involuntary call to active duty; university error, other emergency circumstances or extraordinary situations.
- The criteria used by the universities for determining financial hardship should include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

The student must fill out a Fee Adjustment Request Form and indicate the request is for a waiver of the repeat course surcharge. He/she must also submit a statement that explains the request and provide all documentation relating to it. The completed form with documentation should be submitted to the Office of Admissions & Records for consideration. If a student’s request is denied, he/she may appeal the decision to the Office of the Dean of Enrollment Services.

Transcript Information
Transcripts of a student’s USF St. Petersburg academic record may be requested by the student through the Office of Admissions & Records. A student’s academic record can only be released upon authorization of the student. Students requesting transcripts may do so in person or by writing to the Office of Admissions & Records. By law, the request must include the student’s signature and date. In order for transcripts to be issued, the student must have no financial obligations to the University. Transcripts are normally mailed/ready for pick-up within two working days after the request is received. USF St. Petersburg Transcript Request forms are available at the Admissions and Registrar’s Office. On Letter requests must include: (1) date of request and student’s current address; (2) student ID number and full name; (3) name and complete address of recipient; and (4) number of copies and special instructions, such as, “hold for degree statement” or “hold for current term grades,” and the student’s signature. Degree statements are posted approximately four to six weeks after the graduation ceremony. Current term grades are posted approximately one week after the final exams end. If grades for the current term are needed, clearly indicate that the transcript request is to be held for grades.

To order transcripts by mail, send payment ($8.00 per copy, check or money order only) and Request Form or letter to:
Office of the Registrar
USF St. Petersburg-BAY 102
140 Seventh Avenue South
St. Petersburg, FL 33701

To order a transcript in person, hand-carry payment (check, money order or cash) and Request Form or letter to the USF St. Petersburg Office of the Registrar, BAY 102.

Transcript request forms are available in this location. Students may complete the request process in one stop at the Cashier’s Office.

College Level Academic Skills Test
The College Level Academic Skills Test (CLAST) is a part of Florida’s system of educational accountability. CLAST is a state-mandated achievement test that measures attainment of communication and mathematics skills expected of students completing their sophomore year in college. These skills were identified by the faculties of community colleges and state universities and adopted by the State Board of Education. A student must pass the CLAST or achieve alternate criteria to receive an Associate in Arts or a baccalaureate degree from any Florida public institution.

Students who have already earned a baccalaureate degree from a regionally-accredited institution are exempt from the CLAST requirement at USF St. Petersburg.

The State Board of Education has established minimum CLAST score standards for awarding the Associate in Arts degree and for the baccalaureate degree from October 1, 1992 as follows: Reading, 295; English Language Skills, 295; Mathematics, 295; and Essay, 6.

CLAST may be taken by undergraduate, degree-seeking students who have earned 18 semester hours or the equivalent and who apply to take the test on or before the deadline.
established for registration. Students at USF St. Petersburg are
required to take the CLAST by the time they complete 45
semester hours. First-time-in-college and lower-level transfer
students are encouraged to take the CLAST as early as possi-
ble. Transfer students should take the CLAST the first
semester they are enrolled as degree-seeking students if they
have already exceeded the 45 hours from previous institutions.
If one or more subtests of the CLAST have not been passed,
or exemptions have not been awarded by the time a student
completes 70 semester hours, the student may not register for
classes until he/she has met with the appropriate college
CLAST advisor. A course or method of preparation to remediate
content covered in the failed subtest(s) will be selected and
required. Further registration may be restricted for failure to
attend the designated preparation.
If a student has completed 36 hours of upper level (3000
and 4000) courses after the first attempt to pass CLAST and has not
satisfied the CLAST requirement, registration will be restricted
to 1000 and 2000 level courses. Preparation will be required in
each of the subtests failed. Further registration at USF St.
Petersburg will be denied for failure to complete the required
preparation.
Students may receive exemptions for the CLAST examina-
tion by achieving specific EACT or SAT-I scores, or by earning
a 2.5 GPA in specific courses. Exemptions are awarded for the
communication subtests of CLAST if an SAT-I Verbal score of
500 or an EACT English score of 21 and an EACT Reading
score of 22 are achieved. Exemptions are awarded for the
mathematics CLAST subtest if an SAT-I Mathematics score of
500 or an EACT Mathematics score of 21 is earned. Students
receive exemptions from the CLAST communication subtests if
a 2.5 GPA is achieved in at least six hours of ENC 1101 and ENC
1102. Exemptions from the CLAST mathematics subtest are
issued when students have earned a 2.5 GPA in at least six
hours of MAC 2102 or higher, MGF 2202 or higher and STA
2022 or higher. Any combination of these courses is permissible,
providing only one statistics course is used to calculate the
six-hour mathematics GPA.
Waivers from individual CLAST subtests are granted in two
situations: 1) a specific documented learning disability pre-
vents the student from achieving the skills set forth in SBE 6A-
10.0316 (consult with Student Disability Services) and; 2) a
student has successfully completed courses related to a specific
subtest, but has failed to satisfy the CLAST requirement with
a passing score or an exemption. After failing a CLAST
subtest five times and successfully completing three terms of
documentable preparation, a student may apply for a waiver by
submitting appropriate documentation to the USF Institutional
Test Administrator at the Tampa campus, Evaluation and Test-
ing (SVC 2054). A list of approved courses to satisfy this
requirement is available in the Evaluation and Testing Office.
Please Note: CLAST exemptions or waivers are not acceptable
for admission to or graduation from programs in the College
of Education. Refer to the Office of Evaluation and Testing,
SVC 2054, for the current policies on CLAST.

Courses to Satisfy Rule 6A-10.030
("Gordon Rule")
Prior to receiving an Associate of Arts degree from a public
community college or university or a Bachelor’s degree from a
public university, a student shall complete successfully the
following in the areas of communication and computation:
1. Communication: Twelve semester hours of English
courses in which a student is required to demonstrate writing
skills. For the purpose of this rule, an English course is defined
as any semester-length course within the general study area of
the humanities in which the student is required to produce
written work of at least 6000 words.
2. Computation: Six semester hours of mathematics
coursework at the level of college algebra or above. For the
purpose of this rule, applied logic, statistics and other such
computation coursework, which may not be placed within a
mathematics department, may be used to fulfill 3 hours of the 6
hours required by this section. In order to receive credit for
fulfillment of 6A-10.030, students must receive a grade of “C-
or higher in each course (no “S” grades).
In order to follow the specifics of 6A-10.030, USF St. Peters-
burg has designated the following courses in which the student
may demonstrate the writing and mathematical skills as set
forth in this rule.

Communication (12 semester hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience</td>
<td>(3)</td>
</tr>
<tr>
<td>AFA 4150</td>
<td>Africa and the United States</td>
<td>(3)</td>
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<td>AFA 4335</td>
<td>Black Women in America</td>
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<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
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<td>AFS 3153</td>
<td>African Literature Survey</td>
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<td>AMH 3510</td>
<td>U.S. Diplomatic History to 1898</td>
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<td>AML 3604</td>
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<td>AML 4303</td>
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<td>AML 4624</td>
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<td>AMS 2001</td>
<td>American Culture       1880-1915</td>
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<td>AMS 3260</td>
<td>American Culture, 1830-1860</td>
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<td>ANT 4241</td>
<td>Magic and Religion</td>
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<td>ANT 4340</td>
<td>The Caribbean</td>
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<td>ANT 4432</td>
<td>The Individual and Culture</td>
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<td>ANT 4750</td>
<td>Language and Social Interaction</td>
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<td>ANT 4935</td>
<td>Rethinking Anthropology</td>
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<tr>
<td>ARC 4784</td>
<td>The City</td>
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<td>ARH 4710</td>
<td>History of Photography</td>
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<td>ARH 4712C</td>
<td>History of Printmaking</td>
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<td>CRW 3111</td>
<td>Form and Technique of Fiction</td>
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<tr>
<td>CRW 3112</td>
<td>Fiction I</td>
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</table>
| CRW 4212    | Fiction Followed by a specific three-semester pre-
                        |         |
| DAN 2100    | Introduction To Dance                              | (3)     |
| DAN 4134    | Dance History Though the 19th Century             | (3)     |
| EDF 3228    | Human Behavior and Environmental Selection         | (3)     |
| EEC 4008    | Literature in Early Childhood Education            | (3)     |
| EEX 4742    | Narrative Perspectives on Exceptionality: Cultural and Ethical Issues | (3) |
| EIN 4313C   | Human Factors                                     | (3)     |
| ENC 1101    | Composition I                                     | (3)     |
| ENC 1102    | Composition II                                    | (3)     |
| ENC 1121    | Composition I: Honors                             | (3)     |
| ENC 1122    | Composition II: Honors                            | (3)     |
| ENC 2210    | Technical Writing                                 | (3)     |
| ENC 3211    | Communication for Engineers                        | (3)     |
| ENC 3213    | Professional Writing                              | (3)     |
| ENC 3310    | Expository Writing                                | (3)     |
| FIL 2001    | Film: The Language Of Vision                      | (4)     |
| FRT 3140    | French Literature & Masterpieces in English Trans-
<p>| |
|         |
| GEA 3405    | Geography of Latin America                        | (4)     |
| GEA 3500    | Geography of Europe                               | (4)     |
| GEO 4372    | Global Conservation                               | (4)     |
| GEY 3925    | Sociocultural Aspects of Aging                    | (4)     |
| HIS 4936    | Pro-Seminar in History                            | (4)     |
| HUM 4931    | Seminar in Humanities                             | (4)     |</p>
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<tr>
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<th>Course Title</th>
<th>Semester Hours</th>
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<tr>
<td>IDS 3115</td>
<td>Values and Choices</td>
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<td>IDS 3663</td>
<td>Critical Issues Affecting the Arts</td>
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<td>IDS 3668</td>
<td>Images of Contemporary Urban Culture</td>
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<tr>
<td>LAE 4414</td>
<td>Teaching Literature in the Elementary School, Grades K-6</td>
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<td>LAE 4416</td>
<td>Teaching Literature and Writing in the Elementary Grades</td>
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<td>LAE 4464</td>
<td>Adolescent Literature for Middle and Secondary Students</td>
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<tr>
<td>LIN 3801</td>
<td>Language and Meaning</td>
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<tr>
<td>LIT 2000</td>
<td>Introduction to Literature</td>
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<tr>
<td>LIT 2010</td>
<td>Introduction to Fiction</td>
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</tr>
<tr>
<td>LIT 2030</td>
<td>Introduction to Poetry</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 2040</td>
<td>Introduction to Drama</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 3101</td>
<td>Literature of the Western World Through the Renaissance</td>
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<tr>
<td>LIT 3102</td>
<td>Literature of the Western World Since the Renaissance</td>
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<tr>
<td>LIT 3103</td>
<td>Great Literature of the World</td>
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<tr>
<td>LIT 3144</td>
<td>Modern European Novel</td>
<td>(3)</td>
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<tr>
<td>LIT 3155</td>
<td>Modern Literature</td>
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<td>LIT 3301</td>
<td>Cultural Studies and the Popular Arts</td>
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<td>LIT 3383</td>
<td>The Image of Women in Literature</td>
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<td>LIT 3451</td>
<td>Literature and the Occult</td>
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<td>LIT 4386</td>
<td>British and American Literature by Women</td>
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<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
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<td>NGR 6121</td>
<td>Theoretical Basis of Advanced Practice Nursing</td>
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<td>NGR 6135</td>
<td>Ethical, Legal, and Policy Issues in Advanced Practice Nursing</td>
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<td>NRF 4194</td>
<td>An Interdisciplinary Perspective in HIV Disease</td>
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<td>PHI 1401</td>
<td>Science and Society</td>
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<td>PHI 3700</td>
<td>Philosophy of Religion</td>
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<tr>
<td>PHI 4300</td>
<td>Theory of Knowledge</td>
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<td>Philosophy of Mind</td>
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<td>PHI 4800</td>
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<td>PHM 4331</td>
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<td>PHM 4340</td>
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<td>PHP 3786</td>
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<td>PHP 4000</td>
<td>Plato</td>
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<td>Great Themes in Physics</td>
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<td>The American Presidency</td>
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<td>POS 4694</td>
<td>Women and Law II</td>
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<td>POT 4109</td>
<td>Politics and Literature</td>
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<td>Women and Politics</td>
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<td>REL 2300</td>
<td>Introduction to World Religions</td>
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<td>REL 3111</td>
<td>The Religious Quest in Contemporary Films</td>
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<td>Comedy, Tragedy, and Religion</td>
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<td>Women and Religion</td>
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<td>REL 3170</td>
<td>Religion, Ethics and Society Through Film</td>
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<td>REL 3367</td>
<td>Islam in the Modern World</td>
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<td>REL 3465</td>
<td>Religion and the Meaning of Life</td>
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<td>History of Christianity</td>
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<td>Introduction to Judaism</td>
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<td>REL 4171</td>
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<td>REL 4177</td>
<td>Comparative Religious Ethics</td>
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<td>Ancient Israel and the Development of the Hebrew Bible</td>
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<td>REL 4218</td>
<td>Women and the Bible</td>
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<td>REL 4221</td>
<td>Who Wrote the Bible (Genesis-Kings)</td>
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<td>REL 4670</td>
<td>Judaism and Christianity After the Holocaust</td>
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<td>SPC 4632</td>
<td>Rhetoric and Social Change</td>
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<td>SYA 3310</td>
<td>Qualitative Inquiry</td>
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<td>SYP 4420</td>
<td>Consumer Culture</td>
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<td>THE 4174</td>
<td>New British Theatre and Drama</td>
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<td>THE 4180</td>
<td>Theatre Origins</td>
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<td>THE 4320</td>
<td>Theatre of Myth and Ritual/Northern European (950-1600) &amp; Oriental (400-1200)</td>
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<tr>
<td>THE 4330</td>
<td>Shakespeare for The Theatre</td>
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<td>THE 4360</td>
<td>The 19th Century Theatre Revolution</td>
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<td>THE 4401</td>
<td>O'Neill and After</td>
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<td>THE 4434</td>
<td>Caribbean Theatre</td>
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<td>THE 4435</td>
<td>Theatre of Pluralism</td>
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<td>THE 4442</td>
<td>Comedy of The Classic and Neo-Classic Stage</td>
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<td>THE 4562</td>
<td>Contemporary Performance Theory</td>
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<td>WST 3210</td>
<td>European Feminist History: Pre-18th Century</td>
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<td>Literature by Women of Color in the Diaspora</td>
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<td>WST 4310</td>
<td>History of Feminism in the U.S.</td>
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<td>WST 4410</td>
<td>Third World Women Writers</td>
<td>(3)</td>
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</table>

All the above courses will require 6,000 written words per course. IDH courses will fulfill the writing requirement for all University Honor students only.

Computation (6 semester hours)

Any courses offered by the Mathematics Department may be used. Only one course from the following list (some of which are not in the Mathematics Department) may be used.

Course Number and Title

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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<tr>
<td>CGS 2060</td>
<td>Introduction to Computers and Programming in Basic</td>
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<tr>
<td>PHI 2101</td>
<td>Introduction to Formal Logic</td>
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<tr>
<td>QMB 2100</td>
<td>Business and Economics Statistics I</td>
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<td>STA 2023</td>
<td>Introduction to Statistics</td>
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<tr>
<td>STA 2122</td>
<td>Social Sciences Statistics</td>
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</table>

Note that CGS 2060 will not satisfy the USF St. Petersburg General Education Quantitative Methods requirement. CLEP general/subject examinations in mathematics, calculus, college algebra, college algebra-trigonometry, and trigonometry may satisfy this requirement.

Grades, Scholarship Requirements, and Review Procedures

The University is interested in each student making reasonable progress towards his/her educational goals and will aid each student through guidance and faculty advising. To make students aware of their academic progress, the University has enacted a system of grading and policies of Academic Probation and Academic Dismissal that indicates whether or not a student is showing sufficient progress toward meeting degree requirements. Notations of Grades, Academic Probation and Academic Dismissal are posted to the student's academic record.
When a student is academically dismissed from the University and is ineligible to re-enroll, it may be in his/her best interest to re-evaluate his/her educational goals with an academic advisor at the college. If the student’s poor academic performance has resulted from extenuating circumstances or if after a period of time the student feels he/she has gained adequate maturity and motivation, he/she may petition the Academic Regulations Committee for permission to re-enroll. See Academic Regulations Committee, for information on petitioning.

Grading System

Effective Fall Semester, 2000, USF St. Petersburg faculty may use a plus/minus grading system to assign student grades. The use of the plus/minus grading system is at the discretion of the individual faculty member.

A student’s measure of academic achievement is recorded on the academic record based on the following grading system:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
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<tr>
<td>A+</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td></td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>Good performance</td>
<td>3.00</td>
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<tr>
<td>B-</td>
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<tr>
<td>C+</td>
<td></td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>Average performance</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td></td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td></td>
<td>1.33</td>
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<tr>
<td>D</td>
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<tr>
<td>F</td>
<td>Failure</td>
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</tbody>
</table>

Other Grades

E: Course repeated, not included in GPA
FF: Failure/academic dishonesty
I: Incomplete
IF: Incomplete grade changed to Failure
IU: Incomplete grade changed to Unsatisfactory
M: No grade submitted by instructor
MF: Missing grade changed to Failure
MU: Missing grade changed to Unsatisfactory
N: Audit
S: Satisfactory
U: Unsatisfactory
W: Withdrawal from course without penalty
WC: Withdrawal for extenuating circumstances
Z: Indicates continuing registration.

Please note that the grade of C- will satisfy specified minimum requirements of the Gordon Rule courses and the common prerequisites unless otherwise specified in the Catalog.

Grade Point Average

The University uses the quality points listed above. The grade-point average (GPA) is computed by dividing the total number of quality points by the total hours attempted at USF. The total quality points are figured by multiplying the number of credits assigned to each course by the quality point value of the grade given. Credit hours for courses with grades of I, IU, M, MU, N, S, U, W, Z, and grades that are preceded by a “E” are subtracted from the total hours attempted before the GPA is calculated.

Credit hours for repeated USF coursework will be awarded only once per course unless the course is a university-approved repeatable course. “D” and “F” grades, however, for repeated USF coursework will be counted in the computation of the student’s GPA as many times as those grades for that course are recorded. If a student originally earns a “C” or higher on a subsequent enrollment the new grade is not computed in the USF GPA unless the forgiveness policy is being applied.

“I” Grade Policy

An “I” grade indicates incomplete coursework and may be awarded to graduate and undergraduate students. (Undergraduate rules apply to non-degree-seeking students.) It may be awarded to an undergraduate student only when a small portion of the student’s work is incomplete and only when the student is otherwise earning a passing grade. Until removed, the “I” is not computed in the GPA for either undergraduate or graduate students. The time limit for removing the “I” is to be set by the instructor of the course. For undergraduate students, this time limit may not exceed two academic semesters, whether or not the student is in residence, and/or graduation, whichever comes first. “I” grades not removed by the end of the time limit will be changed to “IF” or “IU,” whichever is appropriate. Whether or not the student is in residence, any change to “IF” grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. Students are not required to re-register for courses in which they are only completing previous course requirements to change an “I” grade. However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

“M” Grade Policy

An “M” is automatically assigned as a default grade when the instructor does not submit any grade for an undergraduate student. (Undergraduate rules also apply to non-degree-seeking students.) Until removed, the “M” is not computed in the GPA. The time limit for removing the “M” may not exceed one academic semester (whether or not the student is enrolled) and/or graduation, whichever comes first. “M” grades that are not removed by the end of the next semester/term will be changed to “MF” or “MU,” whichever is appropriate. Whether or not the student is enrolled, any change to “MF” grades will be computed in the cumulative GPA, and, if applicable, the student will be placed on appropriate probation or academically dismissed.

S/U Grade System

No-option Courses. Certain courses have been designated as S/U courses. The “S” and “U” grades are used to indicate the student’s final grade. These S/U only courses are identified with (S/U only) after the course definition in this catalog. No grading system option is available to students or faculty in these courses.

Option Courses. Any undergraduate course may be taken on an S/U basis by a student under the following conditions and restrictions:

1. Required courses in the major may not be taken on an S/U basis.
2. Specifically designated required courses in the distribution requirements of the student’s college may not be taken on an S/U basis.
3. Courses to satisfy 6A-10.30 (Gordon Rule) may not be taken on an S/U basis.
4. Courses to satisfy USF’s B.A. foreign language requirement may not be taken on an S/U basis.
5. All elective courses for the major and all elective courses in the distribution requirements, and all other free elective courses may be taken on an S/U basis except where:
   a. The certifying college restricts the number of courses that may be taken on an S/U basis in any one or all of the above areas or restricts the total number of S/U courses that can be accepted for all of the above areas.
   b. The certifying college specifies that certain courses may not be taken on an S/U basis.
   c. The instructor of a course refuses to allow the course to be taken on an S/U basis.
Mechanism for Assigning S/U Grades. The method by which a student receives an “S” or “U” grade in an option course will consist of the following:

1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he/she wishes to take the course on an S/U basis.

2. The instructor shall assign final letter grades A, B, C, D, F, or I, but will transmit to the Registrar “S” or “U” consistent with the following:
   a. Letter grade of “S” is equivalent to a letter grade of “C” in the student’s GPA.
   b. Letter grades D or F shall be equivalent to a letter grade of “F” in the student’s GPA.

Grade Forgiveness Policy

USF St. Petersburg’s forgiveness policy permits an undergraduate to repeat a course and have the repeated grade computed in his/her GPA in place of the original grade, providing the repeat grade is “D” or higher (exception - see Honors at Graduation). A course that is repeated and the repeat grade is “F” will have both grades calculated into the GPA. Normally, grade forgiveness may only be applied to a specific course that a student chooses to repeat. No course taken on the S/U grade basis may have the grade forgiveness applied. Under unusual circumstances, a different but similar course may be used if the substitute course has been previously approved by the college dean and is on file in the Office of Admissions & Records.

The grade forgiveness policy cannot apply to any course in which the grade of “FF” has been recorded.

Any undergraduate or non-degree seeking student who wishes to implement grade forgiveness must:

1. Complete a “Grade Forgiveness Request Form” (available in the Office of Admissions & Records) for each course to be repeated.

2. Adhere to the following conditions:
   a. Limitation of applying grade forgiveness to three USF courses with no more than one repeat per course.
   b. With prior approval of the college dean, a course different from a course on the approved list may be substituted in the following cases:
      1) The substitute course is a change in prefix, number, hours, or title, but not a substantive change in content from the original course.
      2) The substitute course replaces a course no longer offered by the institution.
   c. The repeated course must be taken under the standard grading system (A-F) and the latest grade must be D/D- or higher (grades of S/U are not permitted).
   d. All grades remain on the transcript. The original course grade will be annotated with “E” to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.
   e. Individual colleges may have further restrictions; therefore, the student should consult with his/her college.

This policy is applicable to undergraduate and non-degree-seeking students only, and applies to 1000- to 5000-level courses. Once students have been awarded a bachelor’s degree from USF, they may not repeat a course and be forgiven the original grade, taken prior to graduation.

The policy applies only to courses taken originally at USF and repeated at USF.

Good Standing

USF St. Petersburg students will be considered in Good Standing if they are currently enrolled or eligible to return to USF St. Petersburg.

Academic Record

The student’s academic record shall not be changed after the student has graduated.

Academic Probation and Academic Dismissal for Undergraduate Students

The first time the academic record of an undergraduate or non-degree seeking student falls below a cumulative 2.0 grade point average (GPA), counting only USF grades, he/she will be placed on Academic Probation (AP). If the cumulative GPA is not raised to 2.00 or higher at the end of the next term of enrollment, the student will be placed on Final Academic Probation (FP). A student on Final Academic Probation who fails to raise his/her cumulative USF GPA to 2.00 or higher at the end of the next term of enrollment will be Academically Dismissed (AD) from the university.

A student admitted to the university on probationary status will be placed on Academic Probation (AP) his/her first term with the above rules related to Final Academic Probation and Academic Dismissal applying. Academic advising prior to registration is mandatory until the student is removed from probationary status.

Any student who withdraws after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation. Any student who withdraws after the fifth day of classes while on Final Academic Probation or who has been placed on Conditional Readmission by the Academic Regulations Committee will be Academically Dismissed.

The determination and notification of probationary status or academic dismissal will be made by the Office of Admissions & Records on the student’s semester grade report and academic record. A student who attends another college or university during academic dismissal will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

If a student who has accumulated fewer than 60 semester hours is academically dismissed from USF or falls below a 2.0 GPA and subsequently achieves an A.A. degree or an articulated A.S. degree from a Florida public community/junior college (or other SUS institution), that student, when returning to USF University, will be automatically credited with a maximum of 60 semester hours and have his/her academic record cleared and the USF GPA will begin again.

If a student who has accumulated 60 or more semester hours is academically dismissed from USF falls below a 2.0 GPA and subsequently receives an A.A. or an articulated A.S. degree from a Florida public community/junior college (or other SUS institution), that student, when returning to the University, will not automatically have his/her record cleared. The student must consult with his/her Academic Regulations Committee representative and must either:

a. Request that his/her academic record be cleared. If the student chooses this option and the Academic Regulations Committee approves the request, the student will be credited with a maximum of 60 semester hours and the USF GPA will begin again; or
b. Request that the USF hours and GPA be retained and receive specific stipulations from the Academic Regulations Committee to clear the academic record.

In either case, the decision must be made in the term of USF St. Petersburg enrollment following the receipt of the AA degree and is considered to be a binding decision.

If a student is academically dismissed or falls below a 2.0 GPA from USF and subsequently receives a BA/BS from another four-year institution, that student, when accepted to the University with the post-baccalaureate status, will have his/her academic record cleared.
The posting of the AA shall not remove the previous GPA unless it was earned during the terms (up to three) they choose and is academically eligible to return to the university and who subsequently receives an A.A. from a community college.

Academic Renewal
USF St. Petersburg recognizes that not every student's academic record is flawless and that many times students get off to such a poor start that their future academic opportunities are jeopardized. USF St. Petersburg can offer many of those students a second chance. The University's Academic Renewal policy allows students, who provide evidence that they might now achieve academic success, to renew their pursuit of baccalaureate degrees without the burden of having to overcome the effects of low grades and low grade-point-averages that reflect academic work attempted years earlier. To facilitate this opportunity, students who qualify for Academic Renewal may, with the approval of the Academic Regulations Committee, have portions of their academic record not counted in the determination of their grade point averages (GPAs) for graduation purposes. Their entire academic record, however, will continue to be reflected on their transcripts even though a selected portion will not be counted in their GPAs.

Academic Renewal I – Students with fewer than 60 credits: Students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.0) but who otherwise were eligible to return from USF St. Petersburg or other institutions of higher education prior to their successful completion of 60 transferable credits, may be admitted to the University with Academic Renewal after completing all requirements for the Associate in Arts degree or equivalent (including general education, Gordon Rule and CLAST requirements) at a two-or four-year college. Academic Renewal I students will enter USF St. Petersburg as juniors and their USF grade point average will be calculated from that point forward. Such students will be required to earn 60 credits from USF, with a grade point average of at least 2.0 subsequent to the AA degree, in order to graduate from USF St. Petersburg. They also may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

Academic Renewal II – Students with 60 or more earned credits: Students who were academically dismissed (but who otherwise were eligible to return) from USF St. Petersburg or other institutions of higher education prior to their successful completion of 60 transferable credits may be admitted to the University with Academic Renewal II if they are able to provide convincing evidence of changes that indicate they might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for at least five years. Academic Renewal II students will be offered an opportunity to enter USF St. Petersburg with all coursework and grades from any three academic semesters (or equivalent) prior to their academic dismissal dropped from consideration in grade-point-average calculations at the University. Students who elect to exercise the Academic Renewal policy will not be allowed to use any credit earned during the academic terms from which courses are dropped from grade-point-average consideration toward meeting degree requirements at the University* and they may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

*Students who engage the Academic Renewal II policy will lose the credit they earned during the terms (up to three) they choose to exclude from GPA calculations. They will not necessarily have to repeat a course completed with a grade of “C” or higher to meet specific course requirements.

College Policies For Academic Progress
Colleges may determine and implement standards of academic progress for undergraduate students (majors in the college) in addition to those established by USF St. Petersburg. Students who do not meet the academic standards of progress set by their colleges will be placed on probation and may be disenrolled. The college dean is responsible for implementing standards of academic progress and for notifying students of their probationary or disenrollment status.

Colleges may restrict the course selections and the number of hours a student may take that do not apply toward completion of degree requirements. Students who exceed this limit may have part or all of their registration canceled.

Colleges are responsible for publicizing and students are responsible for knowing their college’s policies for academic progress.

Class Standing
A student’s class is determined by the number of credits he/she has earned without relation to his/her GPA.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>0C</td>
<td>Unclassified Non-degree-seeking students</td>
</tr>
<tr>
<td>1F</td>
<td>Freshman 0 through 29 semester hours passed</td>
</tr>
<tr>
<td>2S</td>
<td>Sophomore 30 through 59 semester hours passed</td>
</tr>
<tr>
<td>3J</td>
<td>Junior 60 through 89 semester hours passed</td>
</tr>
<tr>
<td>4R</td>
<td>Senior 90 or more semester hours passed; however, no baccalaureate degree earned here or elsewhere</td>
</tr>
<tr>
<td>5B</td>
<td>Baccalaureate degree-holder working on a second undergraduate program or degree</td>
</tr>
<tr>
<td>6M</td>
<td>Graduate student admitted to Master’s Degree Program</td>
</tr>
<tr>
<td>6A</td>
<td>Graduate student admitted to Specialist Degree Program</td>
</tr>
<tr>
<td>6C</td>
<td>Admitted to Candidacy</td>
</tr>
<tr>
<td>6D</td>
<td>Graduate student admitted to a Doctoral Degree Program</td>
</tr>
<tr>
<td>7A-7D</td>
<td>1st-4th year professional program (M.D.) or post-doctoral status</td>
</tr>
</tbody>
</table>

Admission to a College
All newly-admitted students must be advised initially by an academic advisor. All undecided students are assigned to the Freshman Sophomore level advisers for purposes of advising until a choice of major is made. At that time, he/she may enter the college containing the major department. Undecided students may remain in this classification until a maximum of 90 semester hours is earned. After that time, a major must be selected. New transfer students who have completed 90 or more hours may remain undeclared for a maximum of two terms following initial USF St. Petersburg entry.

Change of Major
All undergraduate students desiring to change their major should consult the Academic Advising Center.

Administrative Holds
A student may be placed on administrative hold by failure to meet obligations to the University. When a student is on administrative hold, he/she may not be allowed to register, receive a diploma, or receive a transcript. Settlement of financial accounts must be made at the University Cashier’s Office. Each student placed on administrative hold should determine from the Office of the Registrar which office placed him/her in this status and clear the obligation with that respective office.

Student Information Changes
Notifications regarding changes of address, name, residency, and citizenship should be filed promptly with the Office of Admissions & Records.
Final Examinations
Examinations in academic subjects are, for most courses, an integral part of the learning process and one part of a procedure for evaluating student performance and determining grades. USF St. Petersburg requires certain standards for the examination process in order to protect the academic integrity of courses and the best interests of both the student and the instructor.

Testing in General: In each academic course, the student is expected to undergo a meaningful testing and evaluation that will reveal the student's intellectual growth in the subject matter covered or otherwise reflect the achievement of the course objectives.

The instructor has the responsibility of maintaining a fair and impartial testing and examination procedure, has the right to define and structure the testing process, and shall not be restricted as to form, style or content of the examination. It is the policy of USF St. Petersburg that all students facing an examination (of any type) shall have equal advance notice of the form and content of that examination. The University regards the routine use of all or part of the same formal examination for successive academic terms as unsound policy except when used with adequate safeguards such as a random selection of questions from a large pool.

Comprehensive Final Examinations: The last 6 days of the Fall and Spring semesters shall be set aside for final examinations, and any comprehensive final examination must be given during this designated period. If a segment examination is given in lieu of a comprehensive examination, the segment examination must be given in the period designated during the final examination week. The period of two hours shall be allotted for each final examination. If a student has a direct conflict of scheduled examinations or has three or more examinations scheduled on the same day, the student may petition the appropriate instructor to reschedule one of the student’s examinations. The final examination schedule shall be published in the same manner and place as the Schedule of Classes.

Vice President’s Scholar List
Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a “Vice President’s Scholar List.” To be eligible for the Vice President’s Scholar List, a student must be in a “pool” (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The “pool” consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Vice President’s Scholar List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF St. Petersburg 4.0 GPA (ties at the 90th percentile will be included in the honors group).

Dean’s List
Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a “Dean’s List.” To be eligible for the Dean’s List, a student must be in a “pool” (defined hereafter) and must complete 12 hours of graded (A-F) USF courses with no incomplete grades during the semester. The “pool” consists of all students who have registered for at least 12 hours of USF courses in a given semester. The Dean’s List shall consist of the fewer of: 1) the upper 10% of the enrollment of the college or 2) students in the college with a USF St. Petersburg 3.9-3.75 GPA (ties at the 90th percentile will be included in the honors group).

Academic Regulations Committee
The Academic Regulations Committee (ARC) meets regularly to review petitions submitted by undergraduate students to waive University academic regulations. Students must petition and secure approval of the committee to return to the University after having been academically dismissed or to waive academic deadlines.

Effective Fall, 1998, the University has implemented a statute of limitations on student petitions for retroactive adds, drops, withdrawals, and registration. A student will be limited to two calendar years (six academic semesters/terms) for such appeals whether the student is in attendance or not.

The committee normally meets once a week on Tuesday. To petition the committee, a student must secure the appropriate form from the Office of Admissions & Records and consult with the ARC representative from his/her college prior to submitting the petition form. Completed forms should be returned to the Academic Advising Center no later than the preceding Tuesday, to be reviewed at the next week’s meeting. Students will receive notification of the committee’s action the following week.

Student Academic Grievance Procedures
Student academic grievance procedures exist at USF St. Petersburg to provide students the opportunity for an objective review of facts and events pertinent to the cause of academic grievances. Such review is accomplished in a collegial non-judicial atmosphere rather than an adversary one and allows the parties involved to participate.

An Academic Grievance Committee, composed of an equal number of faculty and student members, exists in each undergraduate college for the general purpose of considering student academic grievances and making recommendations based on these considerations to the Dean of the college in which the alleged grievance occurred.

For information, contact the Dean of the college in which the cause of the academic grievance occurred.

Procedures for Alleged Academic Dishonesty or Disruption Of Academic Process
Alleged violations of academic dishonesty or alleged disruptions of academic process will be handled initially by the instructor, who will discuss the incident with the student. It must be noted that the Faculty Senate considers the traditional relationship between student and faculty member as the primary means of settling disputes that may arise. If the instructor observes the alleged dishonesty occurring during an examination, he/she should, with discretion, notify the student of the fact before the student leaves the examination. In all cases, the instructor must attempt to schedule a meeting with the student to discuss the alleged dishonesty or disruptions. After the discussion, if the student and instructor have reached a mutual agreement as to the solution, the instructor shall file a statement with the chairperson of the department or equivalent, e.g. campus dean, responsible for the course outlining the facts of the incident and the agreed-upon solution signed by both the instructor and student. A copy of this statement shall be given to the student. If no solution is reached, the matter should be referred to the chairperson of the department or the equivalent, e.g. campus dean, for attempt at resolution.

Academic Dishonesty and Disruption Of Academic Process
Students attending USF St. Petersburg are awarded degrees in recognition of successful completion of coursework in their chosen fields of study. Each individual is expected to earn his/her degree on the basis of personal effort. Consequently, any form of cheating on examinations or plagiarism on assigned papers constitutes unacceptable deceit and dishonesty. Disruption of the classroom or teaching environment is also unacceptable. Academic dishonesty cannot be tolerated in the University community and will be punishable, according to the seriousness of the offense, in conformity with this rule.

Plagiarism
Plagiarism is defined as “literary theft” and consists of the unattributed quotation of the exact words of a published text, or
the unattributed borrowing of original ideas by paraphrase from a published text. On written papers for which the student employs information gathered from books, articles, web sites, or oral sources, each direct quotation, as well as ideas and facts that are not generally known to the public at large, or the form, structure, or style of a secondary source must be attributed to its author by means of the appropriate citation procedure. Only widely known facts and first-hand thoughts and observations original to the student do not require citations. Citations may be made in footnotes or within the body of the text. Plagiarism also consists of passing off as one’s own segments or the total of another person’s work.

1. Examples of proper citation (footnote format) are as follows:


2. Examples of proper citation (in body of text):

a. Shaw (1972) states that the root of the word comes from the Latin word meaning “kidnapping.” [Paraphrasing; complete information about source will be cited in a section at the close of the text.]

b. Shaw (1972) was correct when he stated that “plagiarism, from a Latin word meaning ‘kidnapping,’ ranges from inept paraphrasing to outright theft.” [Quotation; complete information about source will be cited in a section at the close of the text.]

c. Plagiarism.org suggests that a searchable database of papers might assuage what Shaw called a “kidnapping” of intellectual content. [Paraphrasing of a Web site; the complete information on the Web site will appear in the works cited section.]

3. The following are examples of plagiarism because sources are not cited and appropriate quotation marks are not used:

a. Plagiarism, from a Latin word meaning “kidnapping,” ranges from inept paraphrasing to outright theft.

b. Plagiarism comes from a Latin word meaning “kidnapping” and ranges from paraphrasing to theft.

c. Plagiarism ranges from inept paraphrasing to outright theft.

d. Visibility online makes plagiarism much more difficult for the would-be thief.

Punishment Guidelines:

Any student who submits a plagiarized subject paper, lab report, etc., shall receive an “F” with a numerical value of zero on the item submitted, and the “F” shall be used to determine the final course grade. It is the option of the instructor to fail the student in the course.

Cheating

Cheating is defined as follows: (a) the unauthorized granting or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test; (b) asking another person to take an examination in his/her place; (c) taking an examination for or in place of another student; (d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one’s own; (e) stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, etc. (f) Stealing or copying of computer programs and presenting them as one’s own. Such stealing includes the use of another student’s program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

Punishment Guidelines for Academic Dishonesty:

Punishments for academic dishonesty will depend on the seriousness of the offense and may include assignment of an “F” or a numerical value of zero on the subject paper, lab report, etc., an “F” or an “FF” grade (the latter indicating academic dishonesty) in the course, suspension or expulsion from the University. A student who receives an “FF” grade may not use the university’s Grade Forgiveness Policy if the course is subsequently repeated. An “FF” grade assigned to indicate academic dishonesty is reflected only on internal records and prevents the student from repeating the course using the Grade Forgiveness Policy. If a student who has been accused of academic dishonesty drops the course, the student’s registration in the course will be reinstated until the issue is resolved. Procedures for student notification concerning the academic dishonesty remain with the instructor and/or department chair. See Procedures for Alleged Academic Dishonesty or Disruption Of Academic Process, Notice that a student has been dismissed for reasons of academic dishonesty will be reflected on the student’s transcript with the formal notation: For the first “FF” recorded in a student’s USF academic record, the student will receive a letter from the Dean of Undergraduate Studies informing him of appeal rights and placing him or her on “Academic Warning” for the remainder of enrollment at USF. Students with any “FF” grade on record will not be eligible for honors at graduation. For the second “FF” recorded, the student will be suspended for the full semester and will be permitted only after writing a clear statement indicating remorse, understanding of the seriousness of the offense, and understanding of the importance of integrity in all areas, including academic work. A letter inform him or her of this action and appeal rights will be sent from the Dean of Undergraduate Studies. The third “FF” recorded, the student will be permanently dismissed from the university for violations of academic integrity and with notice of that dismissal as a part of the formal record and transcript.

Note that the maximum penalty for receipt of any FF grade may be permanent dismissal from the university for violations of academic integrity and with a notice of that dismissal as a part of the student’s formal record and transcript: Dismissed for Academic Dishonesty.

a. For observation of or exchanging test information with other students during the course of a classroom test, the students who receive or give such information may receive an “F” with a numerical value of zero on the test, and the “F” shall be used to determine the final course grade. It is the option of the instructor to fail the student in the course.

b. For the use of any prohibited device, such as a cheat sheet, recording, calculator if forbidden on exam, etc., during the course of a classroom test to assist the student or other students, the student using such prohibited device may receive an “F” in the course.
c. For the use of another student, a stand-in, to take an examination for the enrolled student, it is suggested that the enrolled student receive an “F” in the course and be suspended from school for one year and that the stand-in, if a University student, be suspended from school for one year.

d. For stealing, borrowing, or buying of research papers, creative works, speeches or tests and other exam materials, or the dissemination of such materials, or the manipulation of recorded grades in a grade book or other class records, the student, if enrolled in the course, may receive an “F” in the course and may be expelled from the University.

e. It is suggested that students who receive or give stolen computer programs receive an “F” with a numerical value of zero on the program or programs, and the “F” be used to determine the final course grade. It is the option of the instructor to fail the student in the course.

Disruption of Academic Process
Disruption of academic process is defined as the act or words of a student in a classroom or teaching environment which in the reasonable estimation of a faculty member: (a) directs attention from the academic matters at hand, such as noisy distractions; persistent, disrespectful or abusive interruptions of lecture, exam or academic discussions, or (b) presents a danger to the health, safety or well being of the faculty member or students.

Punishment Guidelines for Disruption of Academic Process:
Punishments for disruption of academic process will depend on the seriousness of the disruption and will range from a private verbal reprimand to dismissal from class with a final grade of “W,” if the student is passing the course, shown on the student record. If the student is not passing, a grade of “F” will be shown on the student record.

Procedures for Handling Student Violations Involving Alleged Academic Dishonesty and Disruption of Academic Process
Alleged violations of academic dishonesty or alleged disruptions of academic process will be handled initially by the instructor, who will discuss the incident with the student. It must be noted that the Faculty Senate considers the traditional relationship between student and faculty member as the primary means of settling disputes that may arise. If the instructor observes the alleged dishonesty occurring during an examination, he/she should, with discretion, notify the student of the fact before the student leaves the examination. In all cases, the instructor must attempt to schedule a meeting with the student to discuss the alleged dishonesty or disruptions.

After the discussion, if the student and instructor have reached a mutual agreement as to the solution, the instructor shall file a statement with the Dean of the college responsible for the course outlining the facts of the incident and the agreed-upon solution signed by both the instructor and student. A copy of this statement shall be given to the student. If no solution is reached, the matter should be referred to the dean of the college for attempt at resolution. If no resolution is reached, the matter should be referred to the Associate Vice President for Academic Affairs for attempt at resolution. If no solution is reached, the associate vice president shall appoint a student/faculty committee consisting of an equal number of students and faculty to hear the two sides of the incident and to advise the Dean regarding the disposition of the case.

Academic Committee Pre-Hearing Procedure.
Within a reasonable time following the failure of the student/instructor/dean meetings to bring about a solution, and in no event later than three (3) months after such failure, the Dean shall cause formal charges to be filed with the appointed academic committee. The charged student shall be provided a written notice of charges, in sufficient detail to prepare for the hearing, no less than three (3) days before the hearing, except in cases of emergency as specified below.

Hearings
Emergency Hearings. An expedited emergency hearing may be held before an academic administrator appointed by the dean or by the appointed academic committee in cases which involve the safety, health or welfare of any student or staff member.
Non-Emergency Hearings. Non-emergency hearings are held before the Academic Committee.

General Principles for Non-Emergency Hearings
Burden of Proof. The burden of proof shall be on the complainant. The standard of proof for decision shall be “substantial evidence,” that is, whether it is reasonable to conclude from the evidence submitted that the student did commit the violations for which he/she has been charged and shall not be the strict criminal law standard of proof beyond a reasonable doubt.
Record. The proceedings of all hearings shall be recorded.
Inspection of Evidence. The student may inspect the evidence that will be presented against him/her.
Present Evidence. The student may present evidence on his/her own behalf.
Question Witnesses. The student may hear and question adverse witnesses.
Self-Incrimination. The student shall not be forced to present testimony that would be self-incriminating.
Advisor. The student may have an advisor of his/her choice present; however, the role of such a person is as an advisor to the student only. The advisor may speak to and consult with the student but may not serve as the student’s advocate, question witnesses or otherwise participate in the proceedings.
Decision Based on Evidence. The decision of the academic committee or appointed academic administrator shall be based solely on the evidence presented at the hearing.
Decision in Writing. The decision of the academic committee or appointed academic administrator, including findings of fact and a determination of penalty or sanction if any, shall be presented to the student in writing within a reasonable period of time following the hearing.
Enrollment Status. The student’s enrollment status will remain unchanged pending final decision, except in cases of emergency, as described above. If the issue remains open at the end of the semester, the instructor shall give the student an “I” grade in the course until all issues are resolved.
Closed Hearings. All hearings shall be closed unless specifically requested otherwise in writing by the charged student prior to the hearing.
Failure to Appear. If a student against whom charges have been made fails to appear, the academic committee or academic administrator may proceed in his/her absence.
Hearing on Appeal. The charged student may appeal the decision of the academic committee or appointed academic administrator within thirty (30) working days of decision to the Vice President of USF St. Petersburg. The record of the initial hearing may be considered on appeal and the student is entitled to access the record when appealing. The decision of the Vice President of USF St. Petersburg is final.

Liberal Arts Requirements
All new USF St. Petersburg students and Former Students Returning are required to take 45 semester hours to satisfy the complete liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 9 semester hours will satisfy the exit requirements. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the 8 semester hour exit requirements. The requirements are distributed as follows:

General Education Requirements*  Semester Hours
English Composition  6
Quantitative Methods  6
Natural Sciences  6
Social Sciences  6
Historical Perspectives  6
Fine Arts  3
African, Latin American, Middle Eastern or Asian Perspectives  3
Exit Requirements*  36
Major Works and Major Issues  6
Literature and Writing  3

*Courses may be certified in more than one area, but students may use each course in only one (1) area.

LIBERAL ARTS GENERAL EDUCATION COURSE REQUIREMENTS (36 Semester Hours)

**English Composition:** This requirement consists of a minimum of six (6) semester hours of approved course work in English Composition. Students may satisfy this requirement during the second semester freshman level of composition in the following ways: by earning a letter grade of “C-” or better at USF or another institution or by receiving AP or IB English credit. Students with satisfactory CLEP performance will satisfy part of the English Composition requirement, but they will still need to complete ENC 1102 or its equivalent. To satisfy the Gordon Rule, students must earn a letter grade of “C-” or better in each of these courses.

**Quantitative Methods:** Competence in a minimum of six (6) semester hours of approved mathematics coursework (see the list below). These courses should include both a practical component-providing students with an appreciation of how course content relates to their everyday experiences, and an historical component—providing students with an understanding of the application of the material to other disciplines. To satisfy the Gordon Rule, students must earn a letter grade of “C-” or better in each of these courses.

Only the courses in the list below may be used to satisfy the General Education Quantitative Methods requirement. At least one course must have either an MAC or an MGF prefix. The other course may be any course in the list. To satisfy the Gordon Rule, students must earn a letter grade of “C-” or better in these courses.

While CGS 2060 is applicable to the Gordon Rule Computation requirement, it cannot be used to satisfy USF’s General Education Quantitative Methods requirement.

**Natural Sciences:** Students should successfully complete a minimum of six (6) semester hours of approved coursework in the natural sciences. Students are encouraged to enroll in courses with a laboratory component. It is a goal that all students have at least one science course with a laboratory; however, facilities and personnel resources prohibit that requirement at this time. Courses may be interdisciplinary. The courses may deal with the content, theories, history, presuppositions, and methods of the discipline. They will include demonstrations and address problems, ambiguities, and different perspectives in the discipline. They will also provide students with an appreciation of how the discipline fits within the natural sciences and relates to their own lives and the broader human experience.

**Social Sciences:** Students must successfully complete a minimum of six (6) semester hours of approved coursework in the social sciences; the courses may be interdisciplinary and need not be sequential. Courses in the social sciences shall involve those disciplines considered to be social sciences in that they deal theoretically and empirically with individuals and their relationships to each other and to society. Courses must deal with the content, theories, history, presuppositions, and methods of the discipline. They should also address problems, ambiguities, and different perspectives in the discipline. These courses will provide students with an appreciation of how the discipline fits within the social sciences and relates to their own lives and the broader human experience.

**Historical Perspectives:** A minimum of six (6) semester hours of approved coursework in artistic, cultural, economic, intellectual, religious, social, and/or political history is required. At least three (3) semester hours will be in the history of Western Civilization. Courses are not limited to those in the discipline of history; however, the courses will have a historical perspective in that they provide students with a sense of the evolution of societies and peoples, including analysis of their history. A sense of chronology is necessary in these courses, but not sufficient. A historical perspective also entails analyses of various elements, such as the intellectual, cultural, artistic, economic, social, political, and religious characteristics of societies and peoples.

**Fine Arts:** Students are required to successfully complete a minimum of three (3) semester hours of approved coursework in the fine arts. Courses in the fine arts shall involve those disciplines considered to be fine arts in that they deal theoretically and experientially with the aesthetic dimensions of individuals and groups. Courses will concern the creative experience that takes into account the perspectives of both the artist and the public. They may be interdisciplinary and must involve the content, theories, history, presuppositions, and methods of the fine arts. They will address problems, ambiguities, and different perspectives in the disciplines of fine arts. These courses will also provide students with an appreciation of how the disciplines fit within fine arts and relate to their everyday experiences.

**African, Latin American, Middle Eastern, or Asian Perspectives (ALAMEA):** Students will take a minimum of three (3) semester hours of approved coursework in one of the above listed geographical areas. Course content may include social, political, and economic as well as artistic, cultural, and intellectual subject matter. The material will be presented within a geographical, chronological, and/or humanities background and will necessarily be selective.

All courses listed are certified as meeting the General Education requirement as of November, 2003. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

LIBERAL ARTS GENERAL EDUCATION REQUIREMENT

**ENGLISH COMPOSITION**

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**SOCIAL SCIENCES**

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**LIBERAL ARTS EXIT REQUIREMENTS FOR UNDERGRADUATES IN ALL DISCIPLINES**

(9 Semester Hours)

A student’s liberal arts education will continue throughout the college years and be not limited to a relatively small number of required courses in the first two years of college. Exit requirements will provide students with an opportunity during their junior and senior years at USF St. Petersburg to integrate their knowledge within the context of liberal arts. Courses that satisfy the exit requirements will, where appropriate, incorporate considerations of values and ethics; international and environmental perspectives; race and ethnicity; and gender. By their junior and senior years, students will have a foundation in liberal arts and be better able to reflect upon ethical issues in a constructive way. Students graduating from the College of Education or the College of Engineering may be required to complete only six hours of exit requirements and should consult with their advisors regarding exceptions to this requirement. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the liberal arts exit requirements.

Students will take at least one of the Liberal Arts Exit courses outside their disciplinary cluster(s). For purposes of this policy, the term “discipline” refers to the following fields: business, education, engineering, fine arts, health sciences, letters, natural sciences, and social sciences (See list below of “Outside the Disciplinary Cluster” Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student’s major disciplinary cluster(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. Exit requirements must be taken at USF St. Petersburg.

All exit requirement courses will be seminar-size courses in which enrollment will be targeted at approximately 20 to 25 students. These courses will be taught by regular faculty.

Students majoring in the College of Education are permitted to graduate with only six credits of Liberal Arts Exit courses, all of which may be taken in the College. The distribution of those six credits varies by major. Students majoring in the College of Engineering are permitted to graduate with only six credits of Liberal Arts Exit courses, and may meet the Literature/Writing requirement by completing ENC 3211. Students graduating from the College of Nursing are permitted to graduate with six credits of Liberal Arts Exit courses, both of which may be Major Works/Issues courses within the College.

**Major Works and Major Issues (6 credit hours required):** A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, documents, or works, and will allow students to read primary texts. These courses may allow students to delve into topics on an interdisciplinary basis. Students will be encouraged to write enough to fulfill Gordon Rule requirements. One of the Major Works and Major Issues courses, if taken outside the student’s major discipline(s), may be taken for S/U credit with the consent of the instructor.

Major Works and Major Issues courses must offer the opportunity for integration of content. These courses will have a liberal arts content and, when appropriate, will contain in-depth discussions of values and ethics, international and environmental perspectives, race and ethnicity, and gender. Courses may be interdisciplinary and may be team taught. This will provide students with an opportunity to explore, in-depth and on an interdisciplinary basis, major topics that are important but outside of the major field of study.

**Literature and Writing (3 credit hours required):** In addition, students will take three (3) semester hours of approved exit requirement coursework in literature and writing. These courses will allow students to read significant literature of the world and write at least 6,000 words. The 6,000-word requirement meets Gordon Rule requirements and is for students who may wish to satisfy some of this requirement with upper-level courses. The writing requirement may be satisfied with assignments that include, for instance, revision and process writing. The course may be taken within the major if appropriate. The courses will focus on the dimensions of values and ethics, international and environmental perspectives, race and ethnicity, and gender.

All students must achieve an overall average of “C” (2.0GPA) in the lower level requirements and a grade of “C” or better in each of the exit requirement courses. Although post-secondary foreign language courses may not be required for all graduates, students are encouraged to become competent in at least one foreign language. Foreign language study enriches the command of English, enlarges cultural perspective, and enhances learning skills. All courses listed are certified as meeting the Exit requirement as of November, 2003. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

**LIBERAL ARTS EXIT REQUIREMENT COURSES**

**Major Works and Major Issues Courses**

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<td></td>
<td>3</td>
</tr>
<tr>
<td>ECP 3201</td>
<td>Economics of Women and Work</td>
<td></td>
<td>3</td>
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<tr>
<td>ECP 3302</td>
<td>Environmental Economics</td>
<td></td>
<td>3</td>
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<tr>
<td>ECP 3613</td>
<td>Economics of the Urban Environment</td>
<td></td>
<td>3</td>
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<tr>
<td>ECS 4003</td>
<td>Comparative Economic Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EDF 3228</td>
<td>Human Behavior and Environmental Selection</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>EEL 4471</td>
<td>Electromagnetics</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Outside the Disciplinary Cluster** Liberal Arts Exit Courses:

**AFA 4331** AFA 4332 AFA 4334 AFA 4335 AFA 4350 AFA 4400 AFA 4500 AAF 4303 AAM 4304 AAT 4172 AAT 4195 ANT 4241 ANT 4302 ANT 4316 ANT 4340 ANT 4401 ANT 4432 ARC 4784 ARH 3475C ARH 4455 ARH 4710 BSC 4057 C CGJ 4934 CEG 4850 CES 4740 CGN 4122 CHM 4070 CIS 4250 CLT 3101 CLT 3102 COM 4030 CWR 4812 ECH 4615 ECO 3703 ECO 4323 ECP 3201 ECP 3302 ECP 3613 ECS 4003 EDF 3228 EDF 3604 EEL 4471
LITERATURE AND WRITING

AFS 3153 African Literature Survey -6A (3)
AML 3604 African American Literature -6A (3)
AML 4303 Zora Neale Hurston: Major Works -6A (3)
AML 4624 Black Women Writers -6A (3)
CLA 3501 Women in Antiquity -6A (3)
DAN 4134 Dance History Though the 19th Century -6A (3)
EEC 4008 Literature in Early Childhood Education -6A (3)
EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues -6A (3)
FRT 3140 French Literary Masterpieces in English Translation -6A (3)
IDS 3668 Images of Contemporary Urban Culture -6A (3)
LAE 4414 Teaching Literature in the Elementary School, Grades K-6 -6A (3)
LAE 4416 Teaching Literacy and Writing in the Elementary Grades -6A (3)
LAE 4464 Adolescent Literature for Middle and Secondary Students -6A (3)
LIT 3103 Great Literature of the World -6A (3)
LIT 3155 Modern Literature -6A (3)
LIT 3301 Cultural Studies and the Popular Arts -6A (3)
LIT 3383 The Image of Women in Literature -6A (3)
LIT 3451 Literature and the Occult -6A (3)
LIT 4386 British and American Literature by Women -6A (3)
NUR 6121 Theoretical Basis of Advanced Nursing Practice -6A (3)
NUR 6135 Ethical, Legal, and Policy Issues in Advanced Nursing Practice -6A (3)
NUR 4194 An Interdisciplinary Perspective in HIV Disease -6A (3)
NUR 4645 Substance Abuse Across the Lifespan -6A (3)
POI 4109 Politics and Literature -6A (3)
REL 3613 Modern Judaism -6A (3)
REL 4177 Comparative Religious Ethics -6A (4)
REL 4215 Ancient Israel and the Development of the Hebrew Bible -6A (3)
REL 4218 Women and the Bible -6A (3)
REL 4221 Who Wrote the Bible (Genesis-Kings) -6A (4)
REL 4670 Judaism and Christianity After the Holocaust -6A (4)
RUT 3110 Russian Classics in English -6A (3)
RUT 3111 Twentieth-Century Russian Literature in English -6A (3)
SYA 3310 Qualitative Inquiry -6A (4)
SYP 4420 Consumer Culture -6A (3)
THE 4174 New British Theatre and Drama -6A (3)
THE 4180 Theatre Origins -6A (3)
THE 4320 Theatre Of Myth And Ritual/Northern European (950-1600) & Oriental (400-1200) -6A (3)
THE 4330 Shakespeare For The Theatre -6A (3)
THE 4360 The 19th Century Theatre Revolution -6A (3)
THE 4401 O’Neill And After -6A (3)
THE 4434 Caribbean Theatre -6A (3)
THE 4435 Theatre Of Pluralism -6A (3)
THE 4442 Comedy Of The Classic And Neo-Classic Stage -6A (3)
THE 4562 Contemporary Performance Theory -6A (3)
WST 4262 Literature by Women of Color in the Diaspora -6A (3)
WST 4410 Third World Women Writers -6A (3)

“Outside the Disciplinary Cluster” Liberal Arts Exit Courses

“Outside the disciplinary cluster” in Liberal Arts Exit courses is defined as outside a cluster of departments or programs. Students with majors from one cluster, must take at least one certified Liberal Arts Exit course from any of the other clusters identified below.

Disciplinary Cluster 1: Arts & Letters - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 2-8.

- American Studies
- Humanities
- Classics & Classical Languages
- Italian
- Communication
- Mass Communications
- English
- Philosophy
- French
- Religious Studies
- German
- Russian
- Spanish

Disciplinary Cluster 2: Natural Sciences - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1 or 2 or 4-8.

- Africana Studies
- History
- Anthropology
- Interdisciplinary Social Sciences
- Communication Sciences
- Sciences and Disorders
- International Studies
- Criminology
- Political Science
- Economics
- Psychology
- (Social Sciences)
- Social Work
- Geography
- Sociology
- Gerontology
- Women's Studies

Disciplinary Cluster 4: Business - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-3 or 5-8.

- Accounting
- Management Information Systems
- Economics (Business)
- Finance
- General Business
- Marketing
- Administration

Disciplinary Cluster 5: Engineering

- Chemical Engineering
- Industrial & Management
- Civil Engineering
- Engineering
- Computer Engineering
- Information Systems
- Computer Science
- (Engineering)
- Electrical Engineering
- Mechanical Engineering
- Engineering Science

Disciplinary Cluster 6: Fine Arts - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 1-5 or 7-8.

- Art
- Music
- Art History
- Theatre
- Dance

Disciplinary Cluster 7: Education

- Behavior Disorders
- Mental Retardation
- Early Childhood Education
- Education
- Elementary Education
- Physical Education
- English Education
- Science Education
- Foreign Languages
- Specific Learning Disabilities
- Education
- Disabilities Education

Disciplinary Cluster 8: Nursing

Bachelor of Independent Studies majors may use certified courses for any disciplinary cluster to meet the Liberal Arts Exit requirements.
Freshman English Requirement

All first-time-in-college students are required to take Freshman English (a sequential two-semester course of study) in accordance with the following conditions:

1. First-time-enrolled students (a) who do not intend to take the CLEP Freshman English Test or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the exam a second time must take ENC 1101 and ENC 1102 sequentially. If a student fails the first course, he/she must repeat it before proceeding to the next Freshman English course. Students should normally take these courses during their freshman year, but these courses are high demand and it is possible that registration space will not always be available.

2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test should attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or doesn't attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year.

These policies do not apply to first-time-enrolled students who can meet the Freshman English requirement with credit transferred from another institution or those with appropriate AP English credit.

Credit by Examination

A student who feels he/she has already acquired the basic content of a course on his/her approved schedule should inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and others may be offered within departments. Interested students should obtain additional information from their advisors.

Baccalaureate Degree - University Requirements

University minimum requirements for graduation consist of the following: earn a minimum of 120 semester hours with an overall 2.00 GPA, including a 2.00 GPA in all courses attempted at USF; a transfer student must have a GPA of 2.0 or higher when combined with all work attempted at other institutions; satisfactorily complete CLAST and the writing and computation course requirements of CS 1010; earn a minimum of 48 semester hours of upper-level work (courses numbered 3000 and above); complete Liberal Arts requirements; complete residency requirement; complete program requirements as determined by the college; and be recommended for graduation by the dean of the appropriate college. The requirements must be met by every student upon whom a degree is conferred. The total number of semester hours needed to complete the baccalaureate degree depends upon the academic major field of study. No grades may be changed following graduation.

All students entering USF St. Petersburg with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship to the individual. (See Summer Enrollment Requirement.)

Summer Enrollment Requirement

As stated above, effective September 1, 1976, all students entering USF St. Petersburg with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer semesters. The University may waive the application of this rule in cases of unusual hardship. A student who wishes to have the rule waived must complete a “Request for Waiver of Mandatory Summer Enrollment Form” available in the Office of Admissions & Records. After submission of the form to the Office of Admissions & Records, the student will be notified by mail of the action taken.

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida (any location); Florida Agricultural and Mechanical University, Tallahassee; Florida Atlantic University, Boca Raton; Florida Gulf Coast University, Fort Myers; Florida International University, Miami; Florida State University, Tallahassee; University of Central Florida, Orlando; University of Florida, Gainesville; University of North Florida, Jacksonville; and University of West Florida, Pensacola.

Foreign Language Graduation Requirement for B.A. Students

In addition to the foreign language entrance requirement (as required by FS 240.233) all students applying for a Bachelor of Arts degree from USF St. Petersburg must demonstrate competency in a foreign language. To demonstrate this competency, students may take either two semesters of a beginning college-level foreign language or one semester of a higher-level course and earn a letter grade of "C" (no "S" grades) or above in the appropriate level course or demonstrate equivalent competency by passing an examination. Languages should be selected from among the ones listed below:

Classical Languages
- Greek (Ancient)
- Hebrew (Classical)

Latin

Modern Languages
- Arabic
- Chinese
- French
- German
- Greek (Modern)
- Hebrew (Modern)
- Italian
- Japanese
- Polish
- Portuguese
- Russian
- Spanish
- Yoruba

American Sign Language

Approval needed by the student's program/department major.

The following programs accept Sign Language Competency for the exit requirement: Anthropology, Criminology, History, Mass Communications, Political Science, Religious Studies, Women's Studies, and all programs in the College of Education.

Students electing to take the examination in French, German, Italian, Portuguese, Russian, or Spanish should apply to the Director of the Division of Modern Languages and Linguistics. Students taking the examination in Ancient or Modern Greek or in Latin should apply to the Director of the Division of Modern Languages and Linguistics. Students taking the examination in New Testament Greek or in Hebrew should apply to the Chairperson of Religious Studies. Students utilizing American Sign Language should apply to the Chairperson of Communication Sciences and Disorders.

Foreign Language Placement

Students with two or more years of study in a foreign language in high school, or with postsecondary course(s) in foreign language, or with experiential learning of a foreign language may not enroll for credit in courses in that language without first taking a placement examination administered by World Language Education. Should the placement examination indicate that remedial work is required (1120-1121), the student will be allowed to enroll with the understanding that the grade eventually earned will be either an "S" or "U."
Under no circumstances will a student who places above the first year level or who passes a higher-level course be allowed to register for or receive credit for a lower-level course in that specific language. Students to whom this regulation applies should inquire of the Division of Modern Languages and Linguistics at the Tampa campus for the placement examination.

Academic Residence
Candidates for graduation must have completed at least 30 hours of the last 60 hours of their undergraduate credit in USF courses. The approval of the dean of the college granting their degree must be secured for any transfer credits offered for any part of these last 60 hours.

Exceptions to the above rules are students who are enrolled at other universities on approved exchange programs, cooperative education students enrolled in other institutions (prior approval having been secured from their USF St. Petersburg advisors) while on their training periods, and students taking correspondence work from the University of Florida. CLEP credit does not count toward academic residency.

Academic Major
USF St. Petersburg offers curricula leading to the baccalaureate degree in the following fields. The degree is indicated in parentheses after each major code. For clarification, the following terms are defined:

Specialization: Those courses required to give the student academic concentration and baccalaureate identification such as Mathematics, Accounting, Psychology, etc.

Supporting or Related: These courses may be prerequisites to the specialization courses, or they may support specialized courses by giving preparation or breadth to the area of specialization. These courses are often referred to as college or program core courses.

Program Electives: These are usually a broad band of courses offered by the college offering the major to further enrich the student in the general academic field of the major.

College of Arts and Sciences:
- Art (Graphic Design Concentration) (B.F.A.)
- Criminology (CCJ) (B.A.)
- English (ENG) (B.A.)
- Environmental Science & Policy (ESP) (B.S.)
- Geography (GPY) (B.A.)
- History (HTY) (B.A.)
- Interdisciplinary Social Science (ISS) (B.A.)
- Mass Communications (COM) (B.A.)
- Journalism Sequence:
  - News Editorial
  - Magazine Writing
  - Visual Communications
  - Political Science (POL) (B.A.)
  - Psychology (PSY) (B.A.)

College of Business (B.A./B.S.option):
- Accounting (ACC)
- Economics (ECN)
- Finance (FIN)
- General Business (GBA)
- International Business (ITB)
- Management Information Systems (ISM)
- Management (MAN)
- Marketing (MKT)

College of Education (B.A./B.S. option):
- Elementary Education
- English Education (BEN)
- Varying Exceptionalities (BVE)

College of Nursing (B.S.):
- Nursing (NRN)
- Nursing (Registered Nurse) (NUR)

Other USF campuses offer curricula for baccalaureate degrees in many additional fields. Please check the university-wide catalog for specific details.

Academic Minor
In addition to major programs, some departments offer an academic minor that requires approximately one-half the upper-level credits required for a major. Students interested in a particular minor should obtain the specific requirements from the appropriate department. The department may require the same admission or retention standards as required for the major.

Each academic minor conforms to the University requirements:
1. A minimum of 8 semester hours of credit used to satisfy the requirements of a minor must be from USF courses.
2. A student desiring a minor must have a major in a different program option.
3. USF coursework for a minor must have a GPA of at least 2.0.
4. Only an undergraduate degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree except for students who have already received a baccalaureate degree from USF who may earn certification of a minor by taking additional undergraduate coursework at the University and applying for the certification.

USF St. Petersburg offers curricula leading to an academic minor in the following fields:

College of Arts and Sciences:
- Criminology
- English
- Environmental Policy
- Geography
- History
- Mass Communications
- Political Science
- Psychology

College of Business:
- Accounting
- Economics
- Finance
- General Business
- International Business
- Management
- Management Information Systems
- Marketing

College of Education:
- Leadership Studies

Other USF campuses may offer additional academic minors. Please check the university-wide catalog for specific details.

Student’s Choice of Catalog
In order to graduate from USF St. Petersburg, each degree-seeking student must meet all of the graduation requirements specified in the USF St. Petersburg catalog of his/her choice. A degree-seeking student may choose any USF St. Petersburg catalog published during his/her continuous enrollment. Students who have transferred from one Florida public institution to another are affected by the following Board of Regents policy: Graduation requirements in effect at the receiving SUS institution at the time a student enrolls at a Florida public institution of higher learning shall apply to that student in the same manner.
that graduation requirements apply to its native students provided the student has had continuous enrollment as defined in the SUS institution's catalog.

At USF St. Petersburg, continuous enrollment is defined as enrolling as a degree seeking student at least one term each twelve month period. Therefore, students cannot choose a USF St. Petersburg catalog published prior to or during an academic year in which they did not maintain continuous enrollment. (Each catalog is considered to be published during the academic year printed on the title page.)

If the student cannot meet all of the graduation requirements specified in the catalog of his/her choice due to decisions and changes by the University in policy matter, course offering, etc., appropriate substitutions will be determined by the chairperson of the department or program of the student's major.

USF St. Petersburg’s policies are subject to change and apply to all students regardless of their choice of catalog. If the student’s graduation requirements are affected by changes in University policies, appropriate arrangements will be made to preclude penalization of the student.

Repeat Course Work
The hours for a course that has been repeated may be counted only once toward the minimum 120 semester hours of credit (earned hours) required for graduation. All credit hours (except when grade forgiveness is applied) are calculated in the GPA (See Repeat Course Surcharges.)

Double Undergraduate Major
Students may elect to graduate with two majors. In that event, they must apply independently to each college and be assigned an advisor in each discipline. The student must meet all requirements of each major separately and must be certified for graduation by the appropriate dean(s).

Second Undergraduate Major
A student who wishes to work for a second major, after receipt of a baccalaureate degree, must apply through the Office of Admissions & Records and meet the major requirements as determined by the college. (Exceptions to this rule are students who had been previously accepted for a "Double Undergraduate Major" but graduated with only one major.) After acceptance by the appropriate college and proof of completion, the student’s "permanent academic record" will be posted accordingly.*

* Note that those students who complete the requirements for a second major must be aware that they will not receive a second degree.

Two Degrees (USF St. Petersburg Students)
A student at USF St. Petersburg may receive two baccalaureate degrees provided he/she meets University graduation requirements for both degrees. In addition to the minimum 120 semester hours that apply toward the first degree and include at least 60 semester hours from a baccalaureate institution, the student must also earn at least a minimum of 30 semester hours in on-campus USF undergraduate courses that will apply toward the second degree. The student must also meet the requirements of the college awarding the degree and the residency requirement.

Second Baccalaureate Degree (Transfer Students)
A student already graduated from an accredited four-year institution must earn a minimum of an additional 30 semester hours of USF undergraduate courses to apply toward his/her second baccalaureate degree. Students must also meet the University’s regular graduation requirements, including the 9 semester hours of Exit Requirements, as well as the requirements of the college awarding the degree and the residency requirements.
Procedures for Award of Posthumous Degrees or Degrees in Memoriam

The college dean, on his or her own initiative or upon the request of the family of the student, may recommend a posthumous degree, or a degree in memoriam, by forwarding the recommendation to the Associate Vice President for Academic Affairs at USF St. Petersburg. If approved by the Associate Vice President, the recommendation with supporting documentation will be forwarded to the Vice President of USF St. Petersburg for approval. If the Vice President approves the recommendation, the Office of Admissions & Records will be notified and the degree will be awarded at the next commencement ceremony or will be presented to the student's family in an appropriate setting.

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read “Bachelor of Arts in Memoriam, Bachelor of Science in Memoriam,” etc., depending upon the degree the student was pursuing at the time of his or her death. Undergraduate students who have not chosen a major at the time of death will be awarded the “Bachelor of Arts in Memoriam.”

Honors at Graduation

To be considered for honors at graduation, a baccalaureate candidate must have completed at least 40 credits of graded coursework at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and USF St. Petersburg students who have postsecondary work elsewhere must have an overall GPA of 3.50 or higher counting all USF courses as well as all transferable work attempted at other institutions. The forgiveness policy at USF St. Petersburg or other institutions and plus/minus grades awarded at other institutions will not be applicable in computing the GPA for honors.

In addition, students with a record of academic dishonesty appearing on any transcripts will not be eligible for honors at graduation.

In addition, students with a record of academic dishonesty appearing on any transcripts will not be eligible for honors at graduation.

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.50 but below 3.70 shall receive a diploma designation of cum laude (with honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.70 but below 3.90 shall receive a diploma designation of magna cum laude (with high honor).

Candidates with a USF GPA of 3.50 or higher and an overall GPA of 3.90 or above shall receive a diploma designation of summa cum laude (with highest honor).

In addition, each dean has the option to select on the basis of exceptional achievement 1% of the college’s graduates or 1 student per semester for graduating with distinction.

NOTE: The GPA is not rounded up when determining honors at graduation (e.g., 3.69 is not the same as 3.70).

Commencement

Commencement ceremonies at USF St. Petersburg are held each Fall and Spring.

To receive information regarding the commencement ceremonies, students must submit an application to graduate. Information regarding the ceremony will be mailed to the student during the term in which they should participate. If information is not received, the student should contact the Office of Admissions & Records.

Associate of Arts Certification Requirements

Upon the student’s successful completion of the minimum requirements for the Associate of Arts Certificate, the University will present the student who has properly made application with an appropriate certificate.

1. To receive the Associate of Arts, the student must complete 60 semester hours of university credit; at least 20 of the last 30 semester hours counted toward the Certificate must be completed in residence at USF; the minimum grade point average must be 2.0 based on work attempted at the USF St. Petersburg; in addition, a transfer student must have a GPA of 2.0 or higher when combined with transfer work accepted and evaluated by the USF St. Petersburg Office of Admissions & Records; and the General Education Requirements of USF St. Petersburg must be satisfied. Physical Education and military science credits do not count within the 60 semester hours toward the Associate of Arts. In addition the student must present a score (passing score after August, 1994) on the College-Level Academic Skills Test and fulfill the writing and computation course requirements of 6A-10.030 prior to receiving the Associate of Arts Certificate.

2. Application Procedure for the Associate of Arts Certificate. The Application for an Associate of Arts Certificate can be obtained from the Academic Advising Center prior to the application deadline. The deadline for application for an Associate of Arts Certificate in each semester is stated in the Academic Calendar in the catalog.

3. The Associate of Arts certificate must be awarded prior to the term that the student becomes eligible for the baccalaureate degree.

4. Final processing for the Associate of Arts will be done after grades are processed at the end of the semester for which the student applied. All work, including transfer work, taken in that semester will be evaluated with respect to the requirements for the Associate of Arts Certificate.

5. Any incomplete grades shown on the permanent record of an Associate of Arts applicant at the time grades are processed will be treated as an F in the calculation of grade point average.

6. The General Education Requirements will be based on the approved University policy in effect in the catalog year the student chooses according to the University policy regarding the choice of catalog. The consideration of whether or not General Education Requirements are met will be made without consideration of the student’s choice of major at the time he/she applies.

7. Residence credit will be broadly defined to include USF sponsored student exchange programs and the University of Florida Correspondence Division. Where the grades from these situations, except those earned through the University of Florida Correspondence Division, are recorded on the permanent record at USF, and included in the grade point average calculation, they will also be counted in the student’s grade point average as work attempted at USF St. Petersburg for the Associate of Arts Certificate.

8. An applicant who has not been enrolled at USF for three semesters may be contacted to ascertain whether or not that applicant meets the residency requirements.

9. In approving any application for the Associate of Arts Certificate, satisfactory/unsatisfactory grades will be accepted according to the approved University policy in effect during the terms of the student’s enrollment without regard for the student’s declared major. Students must be aware that if they have taken any courses on a satisfactory/unsatisfactory basis where such grades are not acceptable by the college of the major, the students may be required to repeat particular courses for a traditional letter grade or take additional courses for a traditional letter grade to meet the college requirements.

10. All USF St. Petersburg colleges with undergraduate programs will accept the Associate of Arts from any USF location. That is, the student will be placed at least, at the junior level and will be considered to have met the University’s General Education Requirements. The applicability of the courses taken by the student toward his/her major program will be determined by the college of the student’s major. Similarly,
any special requirements for a student’s professional certification. (e.g., Education and Engineering) are not necessarily met by the Associate of Arts certificate, but could be included as part of the General Education Requirements. Thus, students should check with their colleges concerning meeting any special requirements in an efficient manner.

11. The awarding of the Associate of Arts is posted on the permanent record but does not alter the calculation of the grade point average nor does it interrupt the accumulation of the student’s record.

12. Students who follow a baccalaureate degree program as recommended by a college will not necessarily be eligible for the Associate of Arts certificate prior to the completion of 90 semester hours.

Student Records Policy
Pursuant to the provisions of the Family Educational Rights and Privacy Act ("FERPA"); 20 USC Par. 1232g), 34 CFR Par. 99.1 et seq, Florida Statutes Sub. Par. 228.093 and 240.237 and USF Rule 6C-2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their education records
4. Report violations of FERPA to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of Rule 6C-2.001, Florida Administrative Code.
5. Copies of the University’s student records policy, USF Rule 6C-2.0021, may be obtained from: University Registrar
   University of South Florida St. Petersburg
   140 7th Avenue South, BAY 102
   St. Petersburg, FL 33701

Release of Student Information
Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the following types of information, designated by law as directory information, may be released via official media of USF St. Petersburg (according to USF St. Petersburg policy):

Student name, local and permanent addresses, telephone listing, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards earned, honors and part-time status, and the most recent previous educational agency or institution attended, and other similar information.

The University Directory, published annually by the University, contains only the following information, however: student name, local and permanent address, telephone listing, classiﬁcation, and major field of study. The Directory and other listings of directory information are circulated in the course of University business and, therefore, are accessible to the public, as well as to students, faculty, and staff.

Students must inform the USF St. Petersburg Office of Admissions & Records in writing (forms available for that purpose), if they wish directory information to be withheld. Such requests must be received within the first two (2) weeks of the semester and will remain in effect until the student has not been enrolled at USF for three (3) consecutive terms.

Notification to the University of refusal to permit release of directory information via the University Directory must be received no later than the end of the first week of classes in the Fall Semester.

College Level Examination Program (CLEP)
USF St. Petersburg allows students to receive up to 45 semester hours of credit towards the baccalaureate degree upon successful completion of General and Subject College Level Examination Program (CLEP) and DANTES examinations. Performance levels necessary to achieve credit have been established at a common level for all universities and community colleges in the State system. Credit earned through one examination program may not be duplicated by another examination or course. The following limitations should be recognized:

1. Although the General Examinations are not equated to specific courses, there are two cases in which the content is sufficiently similar to be considered as duplicate credit. Thus, students may not receive duplicate credit for the course and the CLEP test in the following areas:
   - Test Courses
   - English Composition with Essay ENC1101 & ENC1102
   - Mathematics MAC 1105 & MGF 1106

2. Credit earned for the Freshman English courses through the CLEP program does not count toward the twelve hour writing requirement for SBE Rule 6A-10.030 ("Gordon Rule");
3. CLEP General/Subject Examinations in mathematics, calculus, college algebra, trigonometry satisfy the mathematics requirement for SBE 6A-10.030;
4. CLEP credit will not satisfy USF St. Petersburg’s residency requirement;
5. Credit for the General Natural Science examination will be granted for non-majors only; and
6. Each College at USF St. Petersburg has the prerogative to exclude CLEP from the required 48 hours of upper level credit.

Certain General and Subject CLEP Examinations noted in the table below may apply to the General Education Liberal Arts Requirements. Some programs do not award credit toward the degree for certain CLEP examinations, and certain graduate or professional schools such as law, medicine and engineering may not grant equal recognition to students with extensive examination credits. An academic advisor should be consulted to ascertain the applicability of a specific CLEP examination toward a student’s degree requirements and the advisability of taking the examinations in a student’s specific situation.

Descriptions of the examination content and other information are available from Educational Testing Service in Princeton, New Jersey or in the Office of Evaluation & Testing (SVC 2054).

CLEP Subject Area Examinations
For updated qualifying scores, please check the website www.usf.edu/ugrads/eandt/clep.htr

Advanced Placement Credit Program
The University participates in the Advanced Placement (AP) Program conducted by the College Entrance Examination Board. The Advanced Placement Test is based on specific college level courses that are offered in a number of high schools. Interested students should contact their high school counselors or principals for additional information. Please note: not all colleges will interpret AP test results in the same manner. Consult the table below to ascertain how USF St. Petersburg interprets AP test results.

AP Tests and Their Course Equivalents at USF

<table>
<thead>
<tr>
<th>AP Exam</th>
<th>USF Equivalent</th>
<th>Cr. Hrs.</th>
<th>Qual.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Score</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art History</td>
<td>ARH 2050</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Art History</td>
<td>ARH 2050, ARH 2051</td>
<td>6</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Art Studio Drawing Portfolio</td>
<td>ART 2301C</td>
<td>3</td>
<td>3, 4, or 5*</td>
</tr>
<tr>
<td>Art Studio General Portfolio</td>
<td>ART 2201C</td>
<td>3</td>
<td>3, 4, or 5*</td>
</tr>
<tr>
<td>Biology</td>
<td>BSC 2010, BSC 2010L</td>
<td>3 + 1</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>BSC 2010, BSC 2010L, BSC 2111, BSC 211L</td>
<td>6 + 2</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MAC 2311</td>
<td>4</td>
<td>3, 4, or 5</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MAC 2311</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MAC 2311, MAC 2312</td>
<td>8</td>
<td>4 or 5</td>
</tr>
</tbody>
</table>
**Chemistry**  CHM 2045  3\* or 4\*   3
Chemistry  CHM 2045, CHM 2046  6\* or 8\*   4 or 5
Computer Sci. A  CGS 2080**  3  3, 4, or 5
Computer Sci. AB  CGS Elective***  3  3, 4, or 5
English Language & Composition  ENC 1101  3  3
English Language & Composition  ENC 1101, ENC 1102  6  4 or 5
English Language & Composition  ENC 1101  3  3
English Language & Composition  ENC 1101  3  3
Economics: Micro.  ECO 2023  3  3, 4, or 5
Economics: Macro.  ECO 2013  3  3, 4, or 5
French Literature  FRE 3230  3  3, 4, or 5
French Language  FRE 2200, FRE 2201  6  4 or 5
French Language  FRE 3230  3  3, 4, or 5
German Language  GER 2200  3  3
German Language  GER 2200, GER 2201  6  4 or 5
Geography: Human Geog.  GEO 3402  3  3, 4, or 5
Latin: Latin Lit.  LNW 4634 or 4635  3  3, 4, or 5
Latin: Latin Lit.  LNW 4654 or 4655  4  3, 4, or 5
Latin: Latin Lit.  LNW 4670 or 4671  3  3, 4, or 5
Music Theory  MUT 1111, 1241  4****  4, or 5
Physics B (Noncalculus)  PHY 2053  3*****  3
Physics B (Noncalculus)  PHY 2054  6*****  4 or 5
Physics C (Mechanics)  PHY 2048  3*****  3
Physics C (Mechanics)  PHY 2049  6  4 or 5
Physics C (Elect./Magnet.)  PHY Elective  3  3, 4, or 5
Physics C (Elect./Magnet.)  PHY Elective  4  4 or 5
Psychology  PSY 2012  3  3, 4, or 5
Psychology  PSY 2013  3  4 or 5
Spanish Language  SPN 2200  3  3
Spanish Language  SPN 2200, SPN 2201  6  4 or 5
Spanish Language  SPN 2201  6  4 or 5
Statistics  STA 2022  3  3, 4, or 5

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**Independent Study**

Undergraduate students wishing to take a course by independent study must contact the instructor of the course for permission. The instructor specifies the requirements to be completed by the student including tests, periodic class attendance, term papers, etc.

Not all courses in the University may be taken by independent study. The respective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students. Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

**Enrollment in Evening Courses**

Evening courses at USF St. Petersburg are part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for day and evening courses are the same. See the University Class Schedule for evening registration dates and times.

**State University System Correspondence Courses**

The University of Florida’s Department of Independent Study by Correspondence administers all correspondence instruction for Florida’s State University System (SUS).

Over 150 college credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail or fax. In many cases, students also have the option to e-mail their assignments to the instructor. Enrollment in all courses is possible at any time of the year: to be used toward a diploma or a degree.

For a free brochure, please contact: Department of Independent Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609-3498: (352) 392-1711, ext. 200; or e-mail: Learn@nervm.nercf.ufl.edu. Be sure to check out the home page: http://www.doce.ufl.edu/indstudy.

USF St. Petersburg considers independent study by correspondence as resident credit. Grades are not transferable. Exception: grades for courses taken by Cooperative Education students while on a training period are transferred and will be used in computer the USF GPA.

**International Affairs**

Location/Phone: BAY 204 (727) 553-4890
Web site: http://www.stpt.usf.edu

The International Affairs Center provides leadership, advocacy, development, and support for all central and college-based international activities. The Center works in collaboration with the colleges and regional campuses to promote international education, research, outreach, and service programs. The Center leads the development of academic program offerings (area studies) and services, international exchanges, partnerships with business, industry, and government both in the U.S. and overseas, and to establish the venues for international activities, and enhance faculty, student and staff training and development.

**Study Abroad Programs and Exchanges**

Location/Phone: BAY 204 (727) 553-4890
Web site: http://www.stpt.usf.edu

USF offers students the world as their classroom through its programs abroad. Whether a student chooses a short-term summer program, a semester or year spent at a university overseas, an internship, service learning or international co-op, there is a program for each student need. Studying abroad provides a unique learning environment, which extends and enhances courses taken on the home campus. Students can study abroad at any time in their academic careers. All disciplines offered at USF can be found in partner universities abroad, and so students have a wide range of study options.
USF overseas programs are designed to appeal to a wide audience. Students in any discipline can find a program of study to enhance their undergraduate degrees. Courses provide USF credit and thus students can be assured that if they plan carefully, they will continue to make steady progress towards graduation while they are abroad. Students seeking to round out their resumes with experiences abroad, which include internships, service learning, and co-op, will find options for them as well. Several programs of overseas study lead to dual degrees, certificates, or double majors.

Many programs include organized cultural excursions, visits to important sites, and opportunities to interact with local people. All include unparalleled opportunities for cultural immersion and in-depth insight into the host country.

USF study abroad programs range in length from one week (over winter or spring break) to a semester. A large number of faculty-led summer programs of 2-6 weeks provide the opportunity to concentrate study abroad in a summer session and help students fulfill the 9-hour summer school requirement. All programs are developed as cost-effectively as possible, recognizing the financial concerns of today’s students. Federal and state financial aid can be applied to USF programs abroad, and some additional scholarship assistance is available through the Study Abroad Office.

For additional information or a copy of the individual program brochures, please visit the Study Abroad Office, or check the Web site.

Students who plan to participate in study abroad programs should consult their departmental advisors to determine whether the course of study they plan to pursue will be acceptable for meeting degree requirements.

International Student and Scholar Services (ISSS)
Location/Phone: BAY 204 (727) 553-4690
Web site: http://www.stpt.usf.edu

The University of South Florida welcomes qualified students from all over the world to our campus community. The resulting international educational exchange leads to the enrichment of our common life, the intellectual development of our students, the research endeavors of the University, and mutual understanding between the peoples of the world represented at USF. The ensuing exchange of life stories exposes all USF students, faculty, and staff to the likenesses and differences that exist between cultures, worldviews, experiences, and ideas.

ISSS is the main administrative and advising office for approximately 2,500 foreign students and 200 visiting faculty members and researchers at USF. ISSS has many administrative duties, including the issuance and maintenance of visas, immigration documentation for foreign nationals at the University. ISSS staff persons are experienced in cross-cultural counseling and crisis management in a cross-cultural setting. Advisement is available related to immigration matters, adjustment to life in the United States, culture shock, and other personal and academic matters. To further assist international students in adjusting to life at USF, ISSS provides letters of enrollment and expenses, orientation, and immigration workshops. International students and scholars may also contact ISSS to get information regarding Tampa area activities, transportation, housing, tourist attractions, and Florida drivers’ licenses. ISSS also offers opportunities to be involved in outreach programs of community service groups such as the American Mentors Program, and Friends of Internationals.

Students may also contact the ISSS to find information concerning St. Petersburg area activities, transportation and housing, tourist attractions, and Florida driver’s licenses. As the focal point for community service to international students on campus ISSS offers students the opportunity to be involved in the Conversational English Program, the American Mentors Program, and numerous social activities (including parties, cultural events, and the International Festival).

DIVISION OF STUDENT AFFAIRS

The University of South Florida St. Petersburg embraces USF’s commitment to total student development – curricular, co-curricular, and extracurricular. Accordingly, the Division of Student Affairs is committed to the promotion of the balanced pursuit of students’ intellectual, physical, personal, social, cultural, moral, and leadership development. Student Affairs designs and implements services and programs that challenge, support, and encourage student growth, empowerment, and success. The Division of Student Affairs provides opportunities for students to appreciate cultural differences, and enhance the quality and spirit of campus and community life.

USF St. Petersburg’s Division of Student Affairs offers a comprehensive set of services and developmental programs that meet or exceed professional standards and are both necessary and sufficient to achieve separate accreditation. This array of services and programs will be determined by best practice and student needs assessment, and will be improved continually through outcomes assessments.

Students who attend the University of South Florida St. Petersburg are subject to University policies in addition to guidelines established by the Florida Board of Education (Section 6-C, Administrative Code of Florida), the University Board of Trustees, and the USF St. Petersburg’s Campus Board. USF St. Petersburg’s Associate Vice President for Student Affairs, as well as other University officials, is charged with interpreting policies of the respective Boards to students, their families, and others in the University Community.

DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs is comprised of the Student Affairs Administration Office (BAY 111), and the Departments of Student Services, Student Development, and Student Life.

Student Affairs staff provide prospective and new students assistance in obtaining information about the University before and after they arrive on campus. The staff also offers services to students to help them cope more effectively with the many challenges of college life that can affect students’ academic work: new student orientation, financial aid, health education, individual and or group counseling, alcohol drug education, career planning, placement, procedures for addressing grievances and resolving problems, standards for student conduct, due process in the event of disciplinary action, and advice and assistance in time of difficulty.

A variety of programs and services provide students with an opportunity for growth and development outside the classroom: student activities and leadership development, the Bishop Program for Ethical Leadership Studies, student government, student organizations, student publications, intramural and recreation sports, and events of special interest.

STUDENT AFFAIRS DIVERSITY STATEMENT

The Division will develop a system that will create a learning community where each individual’s primary identity as a person has worth and value. Individuals from diverse ethnic, racial, religious and social backgrounds will willingly interact frequently displaying attitudes and behaviors of respect, shared purpose, commitment to common welfare, mutual cooperation and support. In this community all persons will be judged on the content of their character and all individuals will have a voice.

STUDENT SERVICES

Location/Phone: BAY 111 (727) 553-4162
Office Hours: Monday through Thursday 9 a.m. – 6 p.m., and Friday 8 a.m. – 5 p.m.

Student Advocacy

The purpose of student advocacy is to provide information and answer questions about the University and its policies. Advising is provided to students about their rights and responsibilities. Assistance is provided in navigating through issues
that arise, such as reinstatement for non-payment of fees, and referrals to other helpful offices.

Standards and Student Judicial Procedures

Standards of Conduct

Just as the University maintains high standards of academic performance, the members of the University community support high standards of individual conduct and human relations. Responsibility for one’s own conduct and respect for the rights of others are essential conditions for the academic and personal freedom within the University community. The Student Code of Conduct sets forth a foundation of values that represent a standard of expected behavior both inside and outside the classroom. The University reserves the right to deny admission or refuse enrollment to students whose actions are contrary to the purposes of the University or impair the welfare or freedom of other members of the University community.

Judicial Procedures

Student judicial procedures are followed when a student fails to exercise his/her responsibility in an acceptable manner or commits an offense as outlined in the Student Code of Conduct found on the University web site http://www.stpt.usf.edu. The University disciplinary procedures afford students the opportunity to participate in discussions of the matter and to present information in one’s own behalf, to seek counsel in one’s own best interest, and the right of appeal. The University Judicial procedures are described on the University web site.

For Academic Grievances: students should follow the academic grievance procedure which may be obtained from the appropriate Academic College Dean.

For Non-Academic Grievances: In order to assure students the right to redress of grievances, the Student Affairs Administration Office is responsible for a grievance procedure involving non-academic matters. Any student may file a question, complaint, or statement of grievance in the Student Affairs Administration Office, in person or in writing. A course of action or other answer will be given by the Director of Student Services, as soon as possible.

Student Disability Services

Location/phone: BAY 111, (727) 553-4162
Florida Relay System for Hearing Impaired Dial 711
Office Hours: Monday through Thursday 9 a.m. – 6 p.m., and Friday 8 a.m. – 5 p.m.
Web address: http://www1.stpt.usf.edu/saffairs/sds.html

The University recognizes and values students with disabilities. The faculty and administration strive to ensure that students with disabilities participate in all aspects of university life. Academic accommodations are arranged through the Office of Student Disability Services.

The Office of Student Disability Services, located in BAY 111, (727) 553-4162, is responsible for determining eligibility of students for disability status and facilitating services and accommodations for those who qualify. Accommodations that are developed in collaboration with students and faculty, include, but are not limited to, extended time on examinations, alternate formats for printed materials, and the services of sign language interpreters.

Each student is responsible for self-identifying and applying for accommodations and services at this office. There are two essential elements to receiving accommodations and services. First, the student must identify herself/himself as a person with a disability and register with the Office of Student Disability Services (SDS). Second, the student is responsible for providing documentation of the disability to SDS, and it typically takes five working days for SDS to review the application.

If the documentation is adequate, the student will be approved for accommodations. The student will be given guidelines for accessing services and a memorandum of each professor for that semester. Each semester, a memorandum of accommodation will be prepared for each professor.

The cooperation of faculty in the implementation of accommodations is an essential feature of the institutional compliance with the Americans with Disabilities Act of 1990. Examination accommodations, the most frequently needed accommodations, are the responsibility of the faculty. This office provides accommodated examinations if the faculty are unable to do so. Faculty members will be provided guidelines for accessing exam accommodations for their students. Faculty questions, concerns, and comments are welcome by SDS.

Off-Campus Housing

Location/phone: BAY 111, (727) 553-4162
Office Hours: Monday through Thursday 9:00 a.m. – 6:00 p.m. and on Fridays from 8 a.m. - 5 p.m.

The Student Affairs Administration Office maintains a list of off-campus apartments, homes, and other rental properties available to the public. Notices of available rentals are posted on various campus bulletin boards.

Student Housing

Location/phone: BAY 111, (727) 553-4162
Office Hours: Monday through Thursday 9:00 a.m. – 6 p.m. and Friday 8 a.m. – 5 p.m.

Although on-campus housing does not exist at this time, a comprehensive residence life/student life study completed in the spring of 2002 made specific recommendations which are in various stages of implementation. It is anticipated that student housing, to accommodate a limited number of students, will become available in the near future. When such housing is realized, a residence life program will be developed emphasizing student learning and development and one which promotes a safe, secure, and healthy living-learning environment where individual differences are appreciated and respected.

Volunteer Services

Location/phone: BAY 111, (727) 553-4162
Office Hours: Monday through Thursday 9:00 a.m. – 6:00 p.m., and Friday 8 a.m. – 5 p.m.

The University believes that an important ingredient in student learning engages in community service either as volunteers or as academic service-learners. The Volunteer Service program in Student Affairs, Bay 111, provides referrals to over 60 community agencies and projects, organizes several projects throughout the year, and plans two Volunteer Fairs each year for showcasing various opportunities. Service-learning projects are linked to academic courses and this office provides resources for classes requiring fieldwork as well as site agreements to formalize partnerships with the community agency.

Student Development

Counseling & Career Center

Location/phone: DAV 115, (727) 553-4129
Office Hours: Monday, Wednesday, Thursday, 9:00 a.m. – 6:00 p.m., Tuesday (during Fall and Spring semesters) 8:00 a.m. – 8:00 p.m., Friday 8:00 a.m. – 5:00 p.m.
Web address: http://www1.stpt.usf.edu/ccc/

The Counseling & Career Center supports the holistic development of students, enabling them to maintain psychological and physical health, to complete their academic programs successfully, to participate in the campus community to achieve career goals, and to thrive personally and professionally upon
graduation. To this end, the Center provides a comprehensive array of professional counseling and related services, consultation and community intervention efforts that improve the quality of campus life. All services preserve the confidentiality of students. For more information about any of the following services, call 727-553-1129 or stop by DAV 115.

Personal Counseling Services
The Center provides short-term individual, couples, and group counseling to enhance students' personal development. Professional counselors are available to assist students develop a clear sense of identity, established autonomy, discover strengths and potential, and become a more insightful, self-directed person. Counseling services assist students resolve a variety of problems such as stress, improving self-esteem, overcoming anxiety or depression, improving relationships, coping with loss, dealing with problem behaviors, resolving personal crises and dealing with one's own or others' substance abuse or dependency. If the Center does not offer the services a student needs, or if longer-term care is required, the student will be referred to other appropriate community or campus services.

Crisis Counseling Services
Although appointments for counseling are encouraged, counselors are available on a walk-in or emergency basis for individuals whose concerns require immediate attention.

Group Counseling and Workshops
The Center presents workshops and counseling groups to help students achieve personal, social, career and educational goals. A brochure listing the workshops and groups is available at the beginning of each semester.

Victims' Advocacy Service
This service is available to assist all USF students or employees who are victims of actual or threatened violence, including but not limited to battery, assault, sexual battery (date, acquaintance or stranger rape), attempted sexual battery, stalking, or sexual harassment. The victim advocate provides information, support and guidance including short-term crisis intervention, assistance through the campus judicial process, referral to community-based victim assistance programs, help in resolving academic problems resulting from victimization, and referral for necessary counseling, medical, legal and social service assistance.

Advisors are available during regular office hours to provide crisis intervention, options, assistance and referrals. Police reports are not necessary to receive services from an advocate, and services are free and confidential.

Important Numbers:
St. Petersburg Police Emergency 911
USF St. Petersburg Public Safety (727) 553-4140
USF St. Petersburg Victim Advocate (727) 553-4129
Pinellas County Rape Crisis Line (727) 530-7233
Domestic Violence Crisis Line South County: CASA (727) 898-3671
North County, The Haven (727) 442-4128
Emergency Mental Health (727) 791-3131

Learning Skills Services
The Center offers individual consultation and workshops to assist students in becoming more effective and efficient learners. Counselors help students with learning related concerns including time management, study skills, note-taking, reading comprehension, testing skills, and reducing test anxiety. Students may also use the Center to access preparation materials for improving performance on graduate school admissions exams such as the GRE and the GMAT.

Career Development Services
The Center offers a full range of services for students with planning and achieving career goals and with making the transition from college to professional employment.

Career Counseling
Individual counseling and workshops help students make sound career, life planning, and employment decisions. Counselors help students to choose a major, to develop career goals, and to refine and implement job search plans. To assist students with these decisions, the Center offers vocational assessment inventories for exploring interests, values and other characteristics relevant to career choice. In addition, the computerized career information and guidance program SIGI PLUS is available to assist students in the process of self-assessment and career exploration. Counselors also assist students with resume/cover letter preparation and critiques, interview skills, and job search strategies.

Career Resource Library
A Career Resource Library contains current occupational information, and a computer lab is available to access career and employer information on the Internet.

e Recruiting
e Recruiting is a web-based program that allows students to view job listings for full time professional employment vacancies as well as part-time jobs, internships and cooperative education opportunities. Students may also use this program to register their resume and make it available for referral to employers.

Part-time Student Employment
On- and off-campus part-time employment provides students an opportunity to gain valuable work experience, develop employability skills and earn money. Part-time jobs and temporary employment listings are maintained in the Center.

Experiential Education Programs
There are two types of experiential, practical learning experiences available to students. Both types are intended to give students hands-on experience in a work setting, assist them in obtaining practical experience, and assist them in determining a future career.

Cooperative Education: “Co-op” is a structured, supervised program that integrate practical, paid work experience with a student's academic program. Two types of Co-op plan are available. The Alternating Plan allows students to alternate full-time semesters of work with full-time semesters of study. The Parallel Plan allows students to take classes and work simultaneously.

Internships: Internships are credited or non-credited learning experiences that give students an opportunity to implement and enhance academic learning at an on-campus or off-campus site. Internships are typically one semester long and are supervised by the internship site supervisor.

On-Campus Recruiting
Each semester, employers visit campus to interview students for full-time professional employment, part-time employment and internships. Students may sign up for interviews at the Center office or online through eRecruiting.

Career Expo
Held in January of each year, Career Expo is a campus and community-wide event that brings together employers, students and the community. This event provides an opportunity for students and employers to network and discuss employment opportunities.
Health and Wellness Services

The Senior Health Educator provides individual consultation and information concerning a wide range of lifestyle issues including fitness and exercise, general health, nutrition, stress management, HIV/AIDS, sexually transmitted illnesses, contraception, alcohol and drug abuse prevention, and prevention of date or acquaintance rape. Information on safer sex and free condoms are available in the Center. Health and wellness information brochures are available to students in the Davis Hall Student Lounge, the Bayboro Café, and the Fitness Center. The Health Educator coordinates and promotes Wellness programs on campus in cooperation with the Campus Fitness Center.

Immunization Clinics

To help students comply with state university regulations concerning measles and rubella vaccinations, immunization clinics are held every semester. The vaccination fee is $35.

Student Health Services

There is currently no student health facility located at USF St. Petersburg. USF St. Petersburg students can receive medical services at the Student Health Service (SHS) at USF Tampa by paying a $75 student health fee each semester. The Student Health Service (SHS) is located east of the USF Bookstore and north of the Student Services Building. For more information about services, call (813) 974-2331 or consult the SHS web site at www.shsweb.shs.usf.edu.

The Health Fee entitles students to:
- Unlimited visits to the ambulatory clinic
- Access to SHS specialty clinics at a reduced cost (Gynecology, Dermatology)
- Reduced costs for laboratory tests
- Reduced cost for medications dispensed at the SHS
- Antigen injections (If you require allergy shots, SHS can store and administer your injections. Complete written instructions must be submitted by the prescribing physician for antigen therapy to be approved by the SHS’s medical director.)

Health Insurance: Health insurance is available for all students. The Student Insurance Office (974-5407) with the assistance of the Insurance Committee has contracted with a reliable insurance company to provide students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. Health insurance can be purchased on an annual or semester basis and is available for the spouse and children of registered students. The SIO assists students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to visit the office at USF Tampa. The SIO is located just west of the Student Health Service in the lower level of the Bookstore building (next to textbooks buyback).

At USF St. Petersburg, applications for Student Health Insurance may be obtained at the Student Affairs Administration (BAY 111) Student Life (CAC 124) offices and the Counseling and Career Center (DAV 112).

Mandatory Medical Requirements for Registration

1) Medical History Form (required for all students, regardless of age)

According to Florida Administrative Code Rule 6C-6.001(4)

“Each student accepted for admission shall, prior to registration, submit on a form, provided by the institution, a medical history signed by the student.” New admits will be provided a Medical History/Immunization Form with their admissions letter. In order to register, this form must be completed, signed, and returned to:

Student Health Services
University of South Florida
4202 East Fowler Avenue, SHS 100
Tampa, FL 33620-6750
Immunization Fax: (813) 974-5888
Telephone: (813) 974-4056

2) SUS Immunization Policy

As a prerequisite to matriculation or registration, the State University System of Florida requires all students born after 1956 to present documented proof of immunity to RUBEOLA (measles) and RUBELLA (German measles). The documented date of immunization for both measles and rubella should indicate the day, month, and year. However, only month and year will suffice if the month and year indicate that the immunization was given at least 13 months after the month of birth. Exceptions to this policy may be granted in the event of valid medical contraindications, or for religious reasons.

Consistent with Department of Health and Rehabilitative Services guidelines, acceptable proof of immunity for Rubeola (measles) and Rubella (German Measles) are as follows:

A) RUBEOLA (MEASLES): Students can be considered immune to measles only if they have documentation of at least one of the following:

1. Documentation of immunization with two (2) doses of live measles virus vaccine on or after the first birthday.

   Note: Persons vaccinated with killed or an unknown vaccine prior to 1968 must be revaccinated. Persons born before 1957 may be considered to have had a natural infection and, therefore, do not need measles vaccine.

2. Laboratory serologic [IgG] evidence of measles immunity.

3. A written, dated statement signed by a physician on his or her stationery, that specifies the date seen, and states that the person has had an illness characterized by a generalized rash lasting three (3) or more days, a fever of 101 degrees Fahrenheit or greater, a cough, and conjunctivitis, and, in the physician’s opinion, is diagnosed to have had the 10 day measles.

B) RUBELLA (GERMAN MEASLES): Students are considered immune to Rubella only if they have documentation of immunization with live rubella virus vaccine on or after the first birthday or Laboratory (serologic) [IgG] evidence of rubella immunity.

If the student has no documentation of any doses of measles vaccine, vaccine should be given at the time of entry and the second dose no less than twenty-eight (28) days later. It is recommended that both doses of measles vaccine be given as a combined measles-mumps-rubella (MMR) vaccine. Vaccinations and blood titers are available at the Student Health Service.

PLEASE NOTE: ALL FEMALES SHOULD BE AWARE THAT THEY SHOULD NOT BE VACCINATED IF THERE IS ANY POSSIBILITY OF PREGNANCY.

Temporary Medical exemptions must be submitted by the attending physician and must include reason for exemption and duration of exemption.

- For religious exemption applications, contact the Student Health Service.
- For off-campus term exemptions, contact the Registrar's Office at 974-2000.

Records will be kept in electronic (computer) form. Hard Copy proof submitted by students will not be available for return.
SUS Health Insurance Requirement for International Students

The State University System of Florida requires that all international students have medical insurance in order to register for classes at USF.

STUDENT LIFE

Student Life Office
Location/Phone  Campus Activities Center (CAC), (727) 553-4596
Hours: Monday – Thursday, 9:00 a.m. – 6:00 p.m., Friday, 8:00 a.m. – 5:00 p.m.

The Student Life Department at USF St. Petersburg offers an assortment of educational, recreational, and cultural programs for the campus community. It coordinates the facilities, services, and programs designed to meet the campus out-of-classroom needs. The Department also services as the administrative liaison to student clubs and organizations. The Department consists of the Fitness Center, Recreation and Intramurals, Student Activities, and the Waterfront.

Honor Societies
Honor Societies recognize outstanding students for their scholastic or service achievements. Membership in honor organizations is usually by invitation.

Leadership Development
A variety of leadership opportunities are available to students through involvement with student government, student organizations and on campus employment. Formal leadership development programs are offered through academic courses, conferences, retreats, and workshops. The Bishop Program on Ethical Leadership Studies works closely with the variety of leadership programs to enhance moral development and understanding the practice of leadership.

Student Organizations
Student organizations of all types are present at USF St. Petersburg. There are a variety of opportunities for involvement and new groups are added every semester based on student interest, so if students have an interest that is not represented a new club can be created to do so.

The following organizations are currently recognized at USF St. Petersburg as of this publication date: Anthropology Club, Bayboro Sailing Club, Campus Crusade for Christ, Campus Women’s Collective, Criminology Club, Friendship Association of Chinese Students and Scholars, Harborside Productions (student activities board), Management Information Systems, Marine Science Advisory Committee, One World: International Students Association, Phi Theta Kappa Alumni Association, Student Business Organization, Student Council for Exceptional Children, Student Education Association and Student Government.

Student Publications
Location/Phone  CAC128A, (727) 553-3113
The student newspaper for USF St. Petersburg, The Crow’s Nest, is a 5-column tabloid published bi-weekly. The newspaper provides experience for those students interested in print journalism.

Xtra Ed. Program
These are non-credit courses offered in a variety of areas including fitness, lifeguard training, martial arts, sailing, etc. The program is designed to offer the campus community an opportunity for courses that develop special interests and expand experience.

Campus Activities Center (CAC)
Phone: (727) 553-4596
Hours: Monday – Thursday 7:00 a.m. - 10:00 p.m., Friday, 7:00 a.m. – 6:00 p.m.
Saturday, 9:00 a.m. – 5:00 p.m., Sunday 1:00 p.m. – 5:00 p.m.
(Holiday and semester break hours vary.)

This is a multipurpose facility designed to accommodate a variety of recreational, cultural and educational events. The building features a gymnasium that doubles as an auditorium, fitness center, locker rooms, racquetball court, meeting rooms, and kitchen. The information desk, located in the main lobby, serves as an information center for campus. Offices located in the CAC include: Crow’s Nest (student newspaper), Harborside Productions (student activities board), New Student Orientation, Student Government, and student organization workspace. Services within the CAC include: athletic and recreation equipment use, copy services, facility reservations, faxing services, information distribution, laminating services, student football tickets, typewriter use, and vending machine refunds.

Campus Fitness Center
Location/Phone  CAC, (727) 553-4589
Hours: Monday – Thursday 7:00 a.m. - 10:00 p.m., Friday, 7:00 a.m. – 6:00 p.m.
Saturday, 9:00 a.m. – 5:00 p.m., Sunday 1:00 p.m. – 5:00 p.m.
(Holiday and semester break hours vary.)

The mission of the Campus Fitness Center is to enhance the educational experience by promoting the pursuit of high quality physical, social and personal well-being through comprehensive fitness and wellness programs. These programs are designed to meet the diverse needs of the USF community, and bring an awareness of realistic self-appraisal and expectations. This exercise facility has various Nautilus machines, a cross-trainer, lifesteps, lifecycles, treadmills, and free weights. Services offered include fitness assessments, the diet-balancer, aerobics, and other fitness classes.

New Student Orientation
Location/Phone  CAC 137, (727) 553-4181
Hours: Monday – Thursday 9:00 a.m. – 6:00 p.m., Friday, 8:00 a.m. – 5:00 p.m.

New Student Orientation provides an introduction to both academic and student life aspects of USF St. Petersburg. To facilitate a smooth transition of students into the academic environment of the University, New Student Orientation provides opportunities for entering students to develop realistic academic and personal goals, to locate student support programs and resources, and to meet staff and continuing students. New Student Orientation is required for all new students and former students who were readmitted to the University.

Recreation and Intramurals
Location/Phone  CAC & Waterfront (727) 553-4596 or 553-4597
Monday – Thursday 9:00 a.m. – 6:00 p.m.
Friday 8:00 a.m. – 5:00 p.m.

Currently, intramural sports occur with pick up play on the recreation field and in the CAC. The Student Activities Office is working to increase participation and organize intramural play. Recreational equipment is available for check-out at the Waterfront Office.

Swimming Pool
Location/Phone  COQ 108, (727) 553-4597
Hours: Sunday – Saturday 9:00 a.m. – 7:00 p.m.
(Holiday and semester break hours vary. Hours change with daylight savings time.)
The campus pool is open year round and heated at 81 degrees in the winter. A lifeguard is always on duty during the hours that the pool is open. The 100' x 40' pool has a diving board and swimming lanes, and open water sections are available. A volleyball net is in the shallow end.

Waterfront
Location/Phone  COQ 108, (727) 553-4597
Hours:  Monday – Friday 9:00 a.m. – 6:00 p.m.
Saturday – Sunday, 11:00 a.m. – 6:00 p.m.
Holiday and semester break hours vary.

The Waterfront Office strives to offer students and other members of the campus community opportunities to enjoy the water surrounding the campus and the swimming pool. In addition to sailboats, canoes, kayaks, recreation equipment and camping gear are also available for use at the Waterfront. Please note: To use the boats, you must complete a one-time sailing/swim test and facility introduction.

OTHER CAMPUS SERVICES

Intercollegiate Athletics
USF St. Petersburg students may participate in intercollegiate sports both as spectators and as direct participants. Admission to all athletic events is free of charge upon presentation of the USF Card. (Student Identification.)

USF St. Petersburg hosts women’s sailing; all other athletic teams are based in Tampa. USF fields 18 intercollegiate sports for men and women, all at the NCAA Division I level. In men’s competition, USF has baseball, basketball, football, soccer, cross country, outdoor track, golf and tennis. On the women’s side are basketball, softball, tennis, golf, cross country, indoor and outdoor track, sailing, soccer and volleyball.

USF became a charter member of Conference USA in 1995.

International Student and Scholar Services (ISSS)
Location/Phone:  Nelson Poynter Library (POY 221)
Hours:  The last Thursday of each month (may change each semester) from 10:30 a.m. to 5:30 p.m.

The University welcomes qualified students from other countries to the campus community. This international exchange leads to the enrichment of life, intellectual development, research and understanding, and exposes students, faculty and staff to cultural and national differences in outlook, experience, and ideas.

USF St. Petersburg Student Affairs Administration Office hosts an ISSS advisor once a month. The ISSS advisor is experienced in cross-cultural counseling and is able to advise students concerning immigration, adjustment to life in the United States and at the University.

USF Tampa
Location/Phone  CPR 245, (813) 974-5102
Email daustell@iac.usf.edu

University Bookstores
The on-campus bookstore is operated by the Barnes and Nobles. The primary function of the university bookstores is to extend services to the students, faculty, staff, alumni and visitors of the university. VISA, MasterCard, Discover and American Express are accepted at all stores.

USF St. Petersburg Bookstore
Location/Phone: Coquina Hall (COQ 101) at USF St. Petersburg, (727) 553-4172

Usual Hours: Monday through Thursday 9 a.m. to 6 p.m. and Friday from 9:00 a.m. to 5:00 p.m.

The bookstore offers textbooks and course-required supplies for USF St. Petersburg classes and a wide variety of merchandise including a large selection of writing implements, folders, binders, paper and other class supplies; college clothing, imprinted souvenirs and gift items, candy, snacks, sodas, medicine and Hallmark greeting cards. Popular computer software applications also are available at greatly reduced educational pricing (to USF students, faculty and staff members only).

Personnel are available to assist customers in finding and/or ordering course texts and general books. The USF St. Petersburg bookstore offers a buyback program during the week of final exams at the end of each semester, providing a source for cashing in used textbooks.

Regalia for graduation can be purchased at the bookstore prior to each commencement ceremony. Class ring sale representatives come on campus at various times throughout the year.

Campus Dining Services
Bayboro Cafe
Location/Phone:  Coquina Hall 102, (727) 897-9190

The Bayboro Cafe in Coquina Hall offers everything from a quick snack on the run to breakfast, hot meals, soup and sandwiches, munchies, fresh fruit, build-your-own salads and hot and cold beverages. In addition to the regular menu, the Bayboro Cafe features daily specials, vegetarian dishes and special holiday meals.

A list of contractual caterers is available for on-campus events. For more information contact Student Life (CAC) or the Student Affairs Administration Office (BAY 111).

USF I.D. Card
Location/Phone: Nelson Poynter Library (POY 221)

The USFCard is the official I.D. card of the University of South Florida. University policies require that all student, faculty, and staff members carry the USFCard while on campus. Students may be denied services if they do not have an ID card. The USFCard may also be used to make purchases from on-campus copiers, snack and vending machines equipped with card readers. Value can be added to the vend stripe at Cash-to-card machines located around campus and at most coin/card copiers in the Library. This eliminates the need to carry coins and even saves money. If a student has an account with the USF Federal Credit Union, the USFCard can be used as an ATM card. The USFCard can also serve as a campus-MCI calling card. For additional information: http://www.auxsvc.usf.edu/usfcard/index.htm
COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is a community of scholars dedicated to the idea that educated people are the basis of a just and free society. The essentials of education are a capacity for and an appreciation of social change within a context of prior human achievement. The faculty of the Arts and Sciences strive to instill in their students a history of human ideas, a sense of love for learning, and an understanding of the means that scholars have used in their search for beauty and order in the natural world.

The education provided by the disciplines of the Arts and Sciences is the foundation upon which the lives and professions of our students are built, and the basis from which personal growth occurs. The College of Arts and Sciences takes as its goal a melding of the natural, humanistic and social philosophies into a comprehensive whole that encourages the development of new ideas and new approaches to the understanding of our universe.

Great universities provide direction for their communities and service for their needs. The faculty of the Arts and Sciences as well as the staff, who support and encourage their work, explore their scholarly interests within the home and community created by the academic society. It is the responsibility of scholars to share their discoveries for the betterment of society. Thus, the Arts and Sciences embrace disciplines that strive to make immediate use of knowledge in the service of social goals as well as disciplines whose discoveries contribute to the fund of basic information that is the stepping stone of applied knowledge.

General Information

The College of Arts and Sciences Dean’s Office is located in Davis Hall (DAV) Room 100. For additional information about the College, visit our web site at http://www.stp.usf.edu/coas/index.htm. Information regarding advising, admission to the College, graduation requirements, special programs, and departments follows. The College of Arts and Sciences Office is open Monday – Thursday 8 a.m. to 6 p.m. and Friday 8 a.m. to 5 p.m.

Undergraduate Advising Information

The Academic Advising Center, located in Davis Hall (DAV), Room 134, handles all student-related academic matters. Students contemplating a major in Arts and Sciences or who have specific questions about a department/major should make an appointment with an advisor in their area of interest. Office hours are 8-6 p.m. Monday – Thursday and 8-5 p.m. on Fridays. To make an appointment, call (727) 553-4511. For general questions related to Arts & Sciences majors call (727) 553-4507 or (727) 553-4152.

Undergraduate Admission to the College of Arts and Sciences

Admission to the College of Arts and Sciences is open to students who have been accepted to the University of South Florida and who declare a major in a particular field. Mass Communications/Journalism is a limited access degree program and has additional requirements listed under “Department and Programs.” Undergraduate students must submit a formal application for admission into the College. This usually occurs during orientation and advising for new students. This application is also available in the Arts and Sciences Advising Office (DAV 134) for continuing students. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the science curricula, and students seeking entrance into a professional school or the medical technology internship program require specialized counseling. Therefore, immediate application for admission into the College is strongly recommended. Information on admission criteria, departments, majors, programs, counseling and other services of the College may be obtained from the Advising Office (DAV 134), College of Arts and Sciences, USF St. Petersburg, St. Petersburg, FL 33701 or visit our web site at http://www.stp.usf.edu/coas/index.htm.

General Requirements for B.A./B.S. Degree

Within the College of Arts and Sciences

The College of Arts and Sciences offers three undergraduate degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work.

IT IS EACH STUDENT’S RESPONSIBILITY TO MEET GRADUATION REQUIREMENTS:

1. Complete at least 120 accepted semester hours, 124 for Mass Communications/Journalism, with a USF cumulative gpa and an overall gpa of 2.000.
2. Maintain major gpa of 2.000. Note: In English and Mass Communications students must have a 2.500 major gpa.
3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later. Students pursuing a B.A. degree must complete the Foreign Language Exit Requirement.
4. Students enrolling in a college in January, 1983 or after must satisfy State Rule 6A-10.30 (Gordon Rule) concerning computation and communications. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communications portion of the Gordon Rule.
5. Complete Liberal Arts Requirements (for more information, see section titled “Liberal Arts Requirements.”)

General Education Requirements (36) hours credit:

- Six (6) hours credit in English Composition (one course)
- Six (6) hours credit in Quantitative Methods (one course)
- Six (6) hours credit in Natural Sciences (one course)
- Six (6) hours credit in Social Sciences (one course)
- Six (6) hours credit in Historical Perspectives (one course)
- Three (3) hours credit in Fine Arts
- Three (3) hours credit in African, Latin American, Middle Eastern, or Asian Perspectives

Exit Requirements (9) hours credit:

- Six (6) hours credit in Major Works and Major Issues
- Three (3) hours credit in Literature and Writing
- Elective Physical Education is limited to 2 semester hours.
- ROTC is limited to 9 semester hours.
- When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.
- Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student’s major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.
- The Audit option is available only during the first 5 days of classes; none permitted later.
- Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.
- “D” grades are not acceptable in the major and supporting sciences for all natural sciences majors. “D” grades are not acceptable for the major area in English, History, Mass Communications, Psychology, and Social Work. Only one “D” is allowed in the major for Criminology. (Important! All grades including “D”s and “F”s are used to calculate gpa’s for students in the College of Arts and Sciences.)
- Complete all major course requirements.
- Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.
15. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.

16. Criminology, Economics, English, Mass Communications, and Political Science have established minimum major course hours to be taken in residency at USF. See the department section of the catalog for these credit-hour requirements. In addition, all students who have majors in arts and letters and in the social sciences must take a minimum of 80 hours outside of the major department.

17. Students must satisfy CLAST (College Level Academic Skills Test).

18. Transfer credit for MAT 1033 will only be acceptable towards a bachelor’s degree in the College of Arts and Sciences if it was earned as part of an Associate of Arts degree awarded by a public community college in the State of Florida or is part of a Florida public community college transcript which explicitly indicates that general education or general distribution requirements have been met.

Turn in your graduation application to DAV 134 during the 1st to the 4th week of the semester in which you plan to graduate. Applications are not accepted late.

DEPARTMENTAL MINOR

Minors generally require half as many hours as required for the major. In order to help students develop some concentration in elective work taken in conjunction with their chosen major, the College of Arts and Sciences offers minors in the following: Anthropology, Criminology, English, Environmental Science and Policy, Geography, History, Mass Communications, Political Science, and Psychology.

Certain restrictions apply to students earning a minor: (a) students may not use courses in the major for the minor; and (b) ISS majors may earn a minor in any of the cognate areas incorporated in their contracts. In some departments, S/U grades within the minor curriculum are not countable. Specific requirements for the different minors appear under the departmental summaries listed under “Departments and Programs.”

Baccalaureate-Level Degree Programs

The departments and programs in the College of Arts and Sciences include Anthropology, Criminology, English, Environmental Science and Policy, Geography, History, Interdisciplinary Social Sciences, Mass Communications, Political Science, and Psychology. The College of Arts and Sciences offers major fields of study as described in the following pages.

BACHELOR OF ARTS (B.A.)

Criminology (CCJ)
Economics (ECN)**
English
Environmental Concentration (EVG)
Urban Concentration (USG)
Geography (GYP)
Government and International Affairs
History (HTY)
Interdisciplinary Social Sciences (ISS)
Mass Communications
- Journalism/Magazine Production Concentration (MAG)
- News Concentration (NWS)
- News Editorial Concentration (JOU)
Psychology (PSY)

BACHELOR OF FINE ARTS (B.F.A.)

Art – Graphic Design Concentration

BACHELOR OF SCIENCE (B.S.)

Environmental Science and Policy (ESP)

ART (B.F.A.)

Requirements for the B.F.A. Degree in Studio Art with a Concentration in Graphic Design

The Graphic Design Concentration includes a series of courses in design, history and theory of art and graphic design, as well as the technical approaches to creative visualization. Courses cover typography, layout, digital media, graphics, video technology, print and digital reproduction processes and professional practices. The goal of creative and professional development focuses upon challenging students with projects that demand creative content, structure, management of complexity, and exploration into visual solutions involving information, design limitations, and budget restrictions.

The graphic design curriculum will expose students to graphic design foundation, principles, and techniques most often used in successful visual communication for both print and digital media.

The B.F.A. Studio Art Degree with a concentration in graphic design is a limited access, upper-level program. Each fall a cohort will follow a sequential course schedule. Specific equipment requirements for this program are delineated on the university’s website at www.usf.edu/gd.

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. Student competency will be evaluated individually and based upon criteria such as GPA, writing skill, and a portfolio of work indicative of: (1) concept, execution and presentation of studio artwork, (2) conceptual understanding of art and design standards, (3) application of art and design concepts, (4) examples of drawing methods and materials, and (5) historical knowledge of art and design as evidenced by previous assignments in visual problem solving.

Transfer credit from other institutions is accepted on the basis of portfolio and transcript evaluation. The School of Art and Art History accepts transfer credit from all Florida programs that are part of the “common course prerequisites”.

The following courses are necessary for completing a B. F. A. degree in Studio Art with a Concentration in Graphic Design:

I. Art Foundation

- ARH 2050 History of Visual Arts I* (3)
- ARH 2051 History of Visual Arts II* (3)
- ART 2203C Fabrications II** (3)
- ART 2300C Beginning Drawing (3)
- ART 3301C Intermediate Drawing (3)

Total 18 hours

**Fabrications I or II must be used to satisfy the General Education Historical Perspectives requirement if the student is to remain within 120 hours for the degree.

II. Additions to the Art Foundation requirements:

- 2000 level studio elective (3)
- 2000 level courses the areas of Computer Language and/or Media (3)
- MMC 3602 Mass Com and Society (program requirement) (3)

Total 9 hours

Graphic Design Program Requirements

III. Fall Semester

- ART 2280CTypography (3)
- VIC 3001 Intro to Visual Communications (3)
• CRIMINOLOGY (CCJ)

The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and probation and parole. The program concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society. The program provides a solid background in the theory, issues, and methodology comprising Criminology.

The objective of the undergraduate program in Criminology is to develop a sound educational basis either for graduate work or for professional training in one or more of the specialized areas comprising the modern urban criminal justice system.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

There are no State Mandated Common Prerequisites for this degree program.

Transfer students should be aware that by university regulation they are obligated to establish academic residency by completing the equivalent of one academic year (30 semester hours) in "on-campus" courses. All undergraduate transfer students electing Criminology as their major will be required, moreover, to take a minimum of 30 credit hours in major coursework at the University of South Florida. The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Requirements for the Major in Criminology

A minimum of 36 semester hours is required of all undergraduate majors in Criminology including:

1. Each of the following core courses:
   - CCJ 3024 (3)*
   - CCJ 3610 (3)*
   - CCJ 3701 (3)**
   - CCJ 4934 (3)

2. At least two of the following substantive courses:
   - CJL 3110 (3)
   - CJL 4410 (3)
   - CJC 4010 (3)
   - CJE 4114 (3)

3. 18 semester hours of electives within the major.

* These are gateway courses and are required for all other coursework in the major or minor; therefore, they need to be taken first.

** Students who plan to continue on to graduate school must also take CCJ 4700 as one of their electives within the major.

NOTE: No more than six (6) hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours in the major.

These residence requirements are designed to ensure that transfer students who subsequently receive their baccalaureate degree from the University of South Florida with a major in Criminology will have been exposed to the same body of knowledge in their major as those students who complete all or a major portion of their coursework at the University of South Florida.

Any student who receives a grade of “D” or lower in more than one USF CCJ course will be automatically barred from continuing as a Criminology major.

Requirements for the Minor in Criminology

The program in Criminology offers a minor in Criminology. The minor consists of:

- CRIMINOLOGY (CCJ)
- Recommended Prerequisites (State Mandated Common Prerequisites)
- Requirements for the Major in Criminology
- Requirements for the Minor in Criminology
1. Two required courses:
   - CCJ 3024 (3)
   - CCJ 3610 (3)

2. The selection of four of the following 3 hour courses for a total of 18 semester hours:
   - CJL 3110
   - CCJ 3621
   - CJE 4114
   - CJL 4410
   - CJC 4010
   - CJE 4010

   Students must receive approval from Advising prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the program’s “2 D” Rule.

- **Economics (ECN)**
  A student may earn a Bachelor of Arts degree with a major in Economics through the College of Arts and Sciences by satisfyingly completing 33 credits in Economics in addition to Arts and Sciences college requirements.
  The 33 credits must include:

  - ECO 2013 Economic Principles: Macroeconomics (3)
  - ECO 2023 Economic Principles: Microeconomics (3)
  - ECO 3101 Intermediate Price Theory (3)
  - ECO 3203 Intermediate Income & Monetary Analysis (3)
  - ECO 4935 Economic Statistics (3)

  or
  - QMB 3200 Business and Economics Statistics II (3)

  Economics electives numbered 3000 or higher (18)

  ECO 3100, Managerial Economics, may be substituted for ECO 3101. Students may not take both ECO 3100 and ECO 3101 for credit.

  Either ECO 1000 (if taken before both ECO 2013 and ECO 2023) or QMB 2100 (if taken as a prerequisite to QMB 3200) may be substituted for a maximum of 3 hours of upper level elective credit.

  Grades of “C” or better in ECO 2013 and ECO 2023 are required for graduation with a major in Economics. Students must obtain a grade of “C” or higher in ECO 3101 or ECO 3100 in order to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. At least 9 of the 18 hours of upper level economics electives must be in courses in which either ECO 3101, ECO 3100 or ECO 3203 is a prerequisite. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF St. Petersburg.

- **English (ENG)**

**Requirements for the Major in English**

- **Prerequisites (State Mandated Common Prerequisites)**
  Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements, thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

  The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

  Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C-” is the minimum acceptable grade.

  - ECO 1001 Composition I
  - ECO 1102 Composition II

  Six semester hours earned in courses taught in the English program, EACH with 6,000 words of evaluated writing for a TOTAL of 12,000 words.

  Suggested electives:

  - AMH 2010 American History I
  - AMH 2020 American History II
  - EUH 2021 Medieval History
  - EUH 2022 Medieval History

**Upper-level coursework in the English Major**

The program in English provides three areas of specialization (divided into two degree-options below):

- **English and American literature** - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

- **Professional and technical writing** - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

  The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of “D” will not be counted toward fulfilling the major requirements. Grades of “D” or “F” in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

**OPTION I: English and American Literature**

Twelve courses (36 hours) as follows:

1. Two of the following:
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945

2. Four of the following:
   - ENL 3015 British Literature to 1616
   - ENL 3230 British Literature 1616-1780
   - ENL 3251 British Literature 1780-1900
   - ENL 3252 British Literature 1900-1945
   - ENL 3253 British Literature 1945-1970
   - ENL 3254 British Literature 1970-1990
   - ENL 3255 British Literature Post-1990
   - ENL 3256 British Literature Post-1990
   - ENL 3257 British Literature Post-1990
   - ENL 3258 British Literature Post-1990
Three-week internship or project.

2. One of the following:  
   - ENC 2100 Narration & Description  
   - ENC 3103 Expository Writing  
   - ENC 4111 Advanced Composition  
   - ENC 4931 Selected Topics in Professional and Technical Writing

3. One course at the 4000 level listed in major OPTION I

4. One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.

- **Environmental Science and Policy (EVR)**
  
The status of the earth’s environment has been a major concern since the 1960s. As we enter the 21st century, it represents one of the most critical issues facing nearly all nations individually as well as the earth community as a whole. Increased population, technology, globalization and diminishing natural resources all play an important role in the changing environment. As a consequence, governments at all levels are devoting resources to help understand the problems that we are facing and to aid in their mitigation. This includes everything from public education to cleaning up toxic waste sites.

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school.

The B.S. in Environmental Science and Policy was approved in 1995. This interdisciplinary program spans multiple colleges within the university but is housed in the College of Arts and Sciences. All students must complete the University’s General Education Requirements. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, 2 semesters each of general biology and general chemistry, environmental ethics, environmental politics and policy, statistics, and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to sub-specialize in science or in policy. Students choosing to sub-specialize in science take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to sub-specialize in policy take environmental law and environmental economics and 4 electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project.
# Requirements for the Major in Environmental Science and Policy

## Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following required supporting major courses prior to entering the university. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010, 2010L &amp; BSC 2011, 2011L</td>
<td>Biology I and II with Lab</td>
<td>8</td>
</tr>
<tr>
<td>and</td>
<td>CHM 2045 &amp; CHM 2045L General Chemistry &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>CHM 2046 &amp; CHM 2046L General Chemistry II &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>plus</td>
<td>STA 2023 Statistics</td>
<td>3</td>
</tr>
<tr>
<td>One approved Geology or Physics Course with Lab</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

The calculus sequence is only required for students pursuing the ESP-Science concentration.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2241 &amp; MAC 2242 Life Sciences Calculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>MAC 2281 &amp; MAC 2282 Engineering Calculus</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>MAC 2311 &amp; MAC 2312 Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

All students majoring in Environmental Science and Policy are required to see the advisor each semester prior to registration for the following term. Students who are eligible for an internship must see the internship coordinator four six weeks prior to the beginning of the semester in which they will complete the internship.

## REQUIREMENTS FOR ALL ENVIRONMENTAL SCIENCE MAJORS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EVR 2001</td>
<td>Intro to Environmental Science</td>
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<tr>
<td>EVR 2001L</td>
<td>Intro to Environmental Science Lab</td>
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<tr>
<td>EVR 2861</td>
<td>Intro to Environmental Policy</td>
<td></td>
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<tr>
<td>EVR 4921</td>
<td>ESP Seminar</td>
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<tr>
<td>EVR 4910</td>
<td>ESP Project</td>
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<td>or</td>
<td>EVR 4940 ESP Internship</td>
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<tr>
<td>BSC 2010</td>
<td>Biology I</td>
<td></td>
</tr>
<tr>
<td>BSC 2010L</td>
<td>Biology Lab I</td>
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<tr>
<td>BSC 2011</td>
<td>Biology II</td>
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<tr>
<td>BSC 2011L</td>
<td>Biology Lab II</td>
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<td>CHM 2045</td>
<td>General Chemistry I</td>
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<td>CHM 2045L</td>
<td>Chemistry Lab I</td>
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<td>CHM 2046</td>
<td>General Chemistry II</td>
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<tr>
<td>CHM 2046L</td>
<td>Chemistry Lab II</td>
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<tr>
<td>PUP 4203</td>
<td>Environmental Politics and Policy</td>
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<tr>
<td>PHI 3640</td>
<td>Environmental Ethics</td>
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## Statistics

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>STA 2023</td>
<td>Introductory Statistics</td>
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<tr>
<td>or</td>
<td>QMB 2100 Business and Economic Statistics</td>
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<tr>
<td>or</td>
<td>EGN 3443 Engineering Statistics</td>
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## Geology or Physics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GLY 2010</td>
<td>Dynamic Earth</td>
<td></td>
</tr>
<tr>
<td>GLY 2015L</td>
<td>Essentials of Geology Lab</td>
<td></td>
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<tr>
<td>or</td>
<td>GLY 2100 Historical Geology</td>
<td></td>
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<tr>
<td>or</td>
<td>GLY 2015L Essentials of Geology Lab</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>PHY 2048 General Physics</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>PHY 2048L General Physics Lab</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>PHY 2053 General Physics</td>
<td></td>
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<tr>
<td>or</td>
<td>PHY 2053L General Physics Lab</td>
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</table>

## Science Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2241</td>
<td>Life Sciences Calculus I</td>
<td></td>
</tr>
<tr>
<td>MAC 2242</td>
<td>Life Sciences Calculus II</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>MAC 2281 Engineering Calculus I</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>MAC 2282 Engineering Calculus II</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>MAC 2311 Calculus I</td>
<td></td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>and</td>
<td>CHM 2210 Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>CHM 2210L Organic Chemistry Lab</td>
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</table>

## Policy Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECP 3302</td>
<td>Environmental Economics</td>
<td></td>
</tr>
<tr>
<td>POS 3697</td>
<td>Environmental Law</td>
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</table>

## Science Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2241 and MAC 2242</td>
<td>Life Sciences Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>MAC 2281 and MAC 2282</td>
<td>Engineering Calculus II</td>
</tr>
<tr>
<td>or</td>
<td>MAC 2311 and MAC 2312</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAC 2210L</td>
<td>Organic Chemistry Lab</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>CHM 2210L Organic Chemistry Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

## Policy Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECP 3302 and POS 3697</td>
<td>Environmental Economics</td>
<td>4</td>
</tr>
<tr>
<td>plus four approved policy-related electives.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Please contact the advising office for a current list of electives under this category.</td>
<td></td>
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</tr>
</tbody>
</table>

## Requirements for the Minor in Environmental Policy

A total of 19-20 credits are required for the minor in Environmental Policy, 12 of which must be completed at USF. The Minor in Environmental Policy consists of the following program outline:

- **Required core courses:**
  - EVR 2001 Introduction to Environmental Science
  - EVR 2001L Introduction to Environmental Science Lab
  - EPR 2861 Introduction to Environmental Policy
  - Three of the following four courses:
    - PUP 4203 Environmental Politics and Policy
    - PHI 3640 Environmental Ethics
    - ECO 3302 Environmental Economics (prerequisite: ECO 2023 Microeconomics)
    - POS 3697 Environmental Law
  - Plus on approved policy-related elective. Please contact the advising office for a current list of electives under this category.

## GEOGRAPHY (GPY)

The degree program in Geography consists of 10 courses (41 hours total), 5 of which are core courses required of all majors. The Urban track focuses on the social and spatial effects of the growth of cities, including issues such as the historical evolution of urban form and function, land-use changes and conflicts, economic restructuring, the growth and decline of inner-cities, and urban racial and ethnic relations.

## Requirements for the Major in Geography

### Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required
for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If stu-
dents transfer without an A.A. degree and have fewer than 60
semester hours of acceptable credit, the students must meet
the university’s entering freshman requirements including ACT
or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immuniza-
tion, foreign language, and continuous enrollment policies of
the university.

GEO XXXX 3
GEO XXXX 3

Two introductory courses in Geography with GEO prefix.

Upper-level Course Requirements
A major in Geography consists of 11 courses as follows:

Required core courses (6 courses + lab):
- GEO 3013 Intro to Physical Geography (3)
- GEO 3013L Intro to Physical Geography Lab (1)
- GEO 3402 Human Geography (4)
- GEO 3180 Digital Thematic Mapping (4)
- GEO 3164C Quantitative Methods (4)
- GEO 4933 Geography Colloquium (1)

Supporting Courses (5 courses):
- Majors will select among courses in the Urban and Environ-
mental tracks for their additional coursework. They must take an
additional 5 courses, 2 of which may be outside of their track. If
more than 1 course is taken outside of the track, 1 of them must
be a techniques (elective) course. The following list designates
supporting courses by track (or elective technique).

Urban Track Courses:
- GEO 3602 Urban Geography (4)
- GEO 4502 Economic Geography (4)
- GEO 4604 Advanced Urban Geography (4)
- GEO 4700 Transportation Geography (4)
- GEO 4470 Political Geography (4)
- URP 4052 Urban and Regional Planning (4)
- GEO 4421 Cultural Geography (4)
- GEO 4340 Natural Hazards (4)

Techniques Courses (electives):
- GEO 4114C Geomatics Techniques and
Methodology (4)
- GEO 4131C Remote Sensing of the Environment (4)
- GEO 4151C Geographic Information Systems (GIS) (4)

Courses Excluded as Electives for the major:
- GEO 1930 Geography of Current Events (4)
- GEO 2371 Earth System Science (3)

Only 4 combined hours of the following courses may be applied
toward the degree:
- GEO 4900 Directed Reading (1-4)
- GEO 4910 Individual Research (1-4)

Requirements for the Minor in Geography
A minor in Geography consists of 16 credit hours, with a
minimum grade-point average of 2.0. The required courses are:
- GEO 3013 (3) GEO 3013L (1) GEO 3402 (4)
One GEA elective (4) and one upper level GEO, MET or URP
elective (3000-5000 level) (4).

Students may not apply upper level Geography electives to
the Geography minor that are being used to satisfy their major
requirements.

• GOVERNMENT & INTERNATIONAL
AFFAIRS (INT/POL/PAD)

The program in Government and International Affairs in-
cludes the study of Political Science. Its goal is to provide
students the opportunity to study the nature of government,
politics, and administration at the local, national, and interna-
tional levels, as well as the interdisciplinary nature of the
international system. Towards that end it offers students an
undergraduate degree. The program in Government and Inter-
national Affairs provides students with a range of courses of
study and areas of concentration.

POLITICAL SCIENCE (POL)
The undergraduate program leading to the B.A. degree in
political science offers a general purpose degree, and a number
of more specialized alternatives. The program is designed for
students interested in and seeking to understand political
problems, issues, and the nature of the political process, as well
as the philosophical and legal basis of political structures and
processes at local, state, national, and international levels.
Satisfying the degree requirements prepares students for posi-
tions in the public and private sectors, for law school, for
graduate work in political science, international relations, public
administration, and related disciplines, for positions in educa-
tion, and for applied political activity.

Requirements for the Major in Political
Science
Prerequisites (State Mandated Common Prerequisites)
Students should complete any two introductory courses with
a POS, INR, or CPO prefix (ideally POS 1041 or POS 2041, and
POS 1112 or POS 2112) at the lower level prior to entering the
university. If these introductory courses are not taken at the
community college, they must be completed before the degree
is granted. A grade of “C” is the minimum acceptable grade.

Upper-level Course Requirements
A minimum of 36 credit hours is required to satisfy the
requirements of the major. Students must take the 12 credit
hours of required core courses in political science. No more
than six credit hours can be taken from POS 4905, POS 4910,
and POS 4941. Students enrolled in the Washington, D.C.
semester program may have this rule altered by their advisor.
(A GPA of 3.0 is required to enroll in these courses; the Chair
may grant special exception for students with a GPA between
2.70 and 2.99).

In addition, all Political Science majors are required to take
at least 3 credit hours of Economics (See your advisor for
recommendations). Students transferring credit hours toward a major in political
science must complete a minimum of 21 credit hours within the
program, regardless of the number of credits transferred.
The undergraduate curriculum in political science is com-
posed of the following:

Required Core Courses (12 credit hours)
- CPO 2002 Introduction to Comparative Politics (3)
or
- INR 2002 Introduction to International Relations (3)

AND
- POS 2041 American National Government (3)
- POT 3003 Introduction to Political Theory (3)
- POS 3713 Empirical Political Analysis (3)

Note that either CPO 2002 or INR 2002 must be taken as a
core course. However, the other course not taken as a core
course may be taken as an elective.

Students should complete POT 3003 and POS 3713 by the
end of their junior year; students transferring with 45 credit
hours or more must complete these courses within their first two
semesters in residence at USF. A grade of “C” or better is
required in all core courses.

Students must choose electives from the seven fields (24
credit hours) with at least one course from Field I, one course
from Field II or III, and one course from any of Fields IV, V, VI,
or VII. Core courses must be completed before a course from
a given field or field grouping can be taken.

Field I Political Theory
- POT 3013 (3) POT 4064 (3) POT 5626 (3)
- POT 4054 (3) POT 4204 (3)

- POT 3013 (3) POT 4064 (3) POT 5626 (3)
- POT 4054 (3) POT 4204 (3)
Requirements for the Minor in Political Science

A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 (or INR 2002), POS 2041, and POT 3003. An additional 12 credit hours of courses included in the Political Science major are also required.

Students transferring credit hours toward a minor in political science must complete 12 credit hours within the program, regardless of the number of credit hours transferred.

Requirements for the Pre-Law Plan in Political Science

The Political Science Program offers a pre-law plan designed for undergraduate students who are considering a career related to law. Courses in Law and Politics (listed under Field VII of the Political Science undergraduate curriculum) are designed to be taken in any order and may be taken at the community college. The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Majors are required to complete courses that can help them develop the skills necessary to study law. Students receiving the skills and information needed for entry into a number of law-related positions in business and government. Please see the departmental pre-law advisor to obtain more information about the pre-law plan.

Prior to admission to law school, a student must take the Law School Admission Test (LSAT), which is given by the Educational Testing Service of Princeton, New Jersey. The LSAT is given simultaneously at the University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test at least one year prior to planned enrollment in law school. Additional information is available from the Academic Advising Center (DAV 134).

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. There are no State Mandated Common Prerequisites for this degree program.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the University.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- AMH 2010 American History I (3)
- AMH 2020 American History II (3)
- ENC 3310 Expository Writing (3)
- EUH 1101 World Civilization I (3)
- EUH 1102 World Civilization II (3)
- POS 2112 State and Local Government (3)
- SPC 2600 Public Speaking (3)

HISTORY (HTY)

The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform and question, to provoke, and to challenge our students to a higher level of understanding of the past. History at USF St. Petersburg offers the student an opportunity to explore civilizations from around the globe and from the ancient through contemporary eras. We encourage our students to move beyond traditional memorization of material to a critical level of thinking, analysis, and synthesis. Accomplished history majors are attractive to all kinds of employers in any number of fields, as well as to graduate and professional schools. USF history alumni can be found in such diverse professions as law, medicine, business, government, foreign service, politics, and education.

Requirements for the Major in History

A minimum of 32 semester hours is required for a major in history. A minimum grade of “C” or better must be attained in each course counted toward the 32-hour requirement. However, grades of “D” or “F” in history coursework will be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. If students transfer with fewer than 60 semester hours of acceptable credit, they must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. The transfer student should be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students at a community college planning to transfer to USF and major in history are encouraged to complete as many of the lower level requirements as possible at the community college level. Courses that fulfill the General Education/Gordon Rule requirement would be especially valuable. The minimum acceptable grade for courses being transferred for history department credit is a “C.” If these courses have not been completed satisfactorily upon enrolling at USF, they must be taken before the degree is granted.

Lower-level Course Requirements for the Major

A minimum of 12 hours of 2000 level courses, or their equivalent, constitute the lower level requirements. Two of these courses must be sequential. Students may choose from introductory courses in the fields of Ancient, Medieval, Modern...
European, or American history to fulfill this two-course sequence. The remaining hourly requirements may be filled by taking any of the other 2000 level history courses.

Upper-level Course Requirements for the Major

A minimum of 20 hours of course work from the 3000-4000 level is required to fulfill the 32-hour minimum requirement. Two of these courses, the Pro-Seminar and the Theory of History courses are required for all majors. These courses may only be taken in the last two semesters prior to graduation and may not be taken during the same semester. The remaining 12 hours of credit may be chosen from the department offerings each semester. It is recommended that history majors take ENC 3310, “Expository Writing,” SPC 2600, “Public Speaking,” and LIS 2937, “Library/Internet Research Skills.” Additional hours can be profitably drawn from the following disciplines: Anthropology, Economics, Geography, Government and International Affairs, Literature and Psychology. Majors intending to pursue graduate work should take a minimum of two years of classical or modern foreign language.

Open University courses and exit courses titled “Issues in History” (HIS 3938) and “War and Society” (HIS 3308) are not eligible for major field credit.

Requirements for the Minor

The minor in History entails a 15-hour program organized and contracted by the student and the department around the specific needs of the student’s major program. A minimum of 8 hours must be completed at the University of South Florida and the student must maintain a 2.0 GPA in the minor. A minimum grade of “C” or better must be attained in each course. One lower-level sequence is required, earning 6 credit hours. The department will supervise certification of the minor. Students interested in a minor in history are encouraged to see the History department advisor as early in their undergraduate program as possible.

Open University courses and exit courses titled “Issues in History” (HIS 3938) and “War and Society” (HIS 3308) are not eligible for minor field credit. On-line courses are also not accepted for minor credit.

- INTERDISCIPLINARY SOCIAL SCIENCES (ISS)

The ISS program is designed to provide an interdisciplinary integration of the social sciences for students who are interested in a broad educational experience. ISS offers a wide choice of courses, and an opportunity to design a quality program geared toward individual needs and interests. Students plan their program in ongoing consultation with the advisor who approves each individual curriculum contract.

Specific requirements for a B.A. degree in Interdisciplinary Social Sciences (ISS) are outlined below:

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of “C” is the minimum acceptable grade.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ISS 3010</td>
<td>Introduction to Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>ISS 4935</td>
<td>Seminar in the Social Sciences - MW</td>
<td>3</td>
</tr>
<tr>
<td>STA 2122</td>
<td>Social Sciences Statistics - 6A QM</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Economic Principles (Macroeconomics)</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Economic Principles (Microeconomics)</td>
<td>3</td>
</tr>
<tr>
<td>GEA 2000</td>
<td>World Regional Geography</td>
<td>4</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POS 2112</td>
<td>State and Local Government</td>
<td>3</td>
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<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>WST X015</td>
<td>Introduction to Women’s Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Interdisciplinary Core Courses

Two of these courses, an introductory course (3010) and the senior seminar (4935), introduce and employ the interdisciplinary social science perspective. These courses involve students in the study of human life and experience; the various concepts, theories and methods used in the social sciences; and apply them to contemporary issues and questions. Social Science Statistics is the third core course required for majors in Interdisciplinary Social Sciences.

Coursework required for Interdisciplinary Social Sciences Majors

1. Required core courses for the major are:
   - ISS 3010 Introduction to Social Sciences
   - ISS 4935 Seminar in the Social Sciences -MW
   - STA 2122 Social Sciences Statistics -6A QM

2. The ISS student chooses two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.

3. Students should work out a program of study at the onset of their junior year, particularly before too many courses are completed in the College of Arts and Sciences. No student should assume that courses already completed will automatically count toward the ISS degree.

4. The student must complete of 42 approved hours of course work from the College of Arts and Sciences (CAS), with a minimum of 30 hours at the 3000 or above level.

5. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.

6. ISS majors must satisfy two semesters of a foreign language in order to graduate.

7. Other personal curricula may be tailored for those highly motivated students, with a minimum grade point average of 3.2, developed with the approval of the advisor. This course of study will be directed toward the special educational interests of these students. An in-depth Honors Research Paper will be required of students taking this option.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:

- MASS COMMUNICATIONS/JOURNALISM (COM)

Mass Communications/Journalism introduces students to the theories, principles, and problems of communications, emphasizing the concept of freedom of information as the
cornerstone of constitutional democracy and preparing students for future leadership roles in communications media. Graduates should understand the structure and functions of mass media systems as well as the basic processes of communication. In addition, students specialize in an area of mass communications (advertising, journalism, public relations, or telecommunications) to blend a strong introduction to professional skills with the theoretical orientation.

Most Mass Communications majors in the School will be directed to the various media in close contact with the School for summer internships, practica, and part-time work. A limited number of students will have the opportunity to serve as interns with a mass communications organization and take MMC 4945 for three hours credit. Students may not receive credit for both an internship (MMC 4945) and a practicum (ADV 4940, JOU 3940, JOU 4941, JOU 4944, PUR 4700, RTV 3941, RTV 4942, VIC 3943).

Requirements for the Major in Mass Communications/Journalism
To be admitted to the core curriculum in Mass Communications/Journalism, students must have completed general education requirements or a minimum of 45 hours with a 2.75 minimum Overall Grade Point Average, including ENC 1101 and 1102 with a minimum grade of "C" in each. Applicants must establish a minimum score of 60 percent on the Mass Communications English Diagnostic Test prior to entering MMC 2100 (Writing for Mass Media). (Students who transfer MMC 2100 or its equivalent must pass the Mass Communications/Journalism English Diagnostic Test with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.) Both courses in the Mass Communications core curriculum (MMC 2100 and MMC 3602) must be completed with a minimum grade of "C" before any other Mass Communications/Journalism course may be taken. Students failing to achieve a minimum grade of "C" in both MMC 2100 and MMC 3602 will be disallowed as majors in the School. A 2.5 GPA in Mass Communications courses is required for graduation, and no student may graduate with a grade lower than "C" in any Mass Communications/Journalism course.

The Mass Communications/Journalism major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of a combination of required and elective courses for a total of 37 hours in Mass Communications within the 124-hour degree requirement. Six hours in Mass Communications/Journalism writing courses (three hours in addition to MMC 2100) are a part of the graduation requirement.

Mass Communications/Journalism majors are required to take a minimum of 80 hours in courses outside the journalism and mass communications areas, with no fewer than 65 hours in the basic liberal arts and sciences. (Liberal Arts courses are listed in materials available from the School program advisor.) To facilitate this, no more than 44 hours of Mass Communications/Journalism courses may be applied toward the bachelor’s degree within the 124-hour graduation requirement. Mass Communications/Journalism majors taking more than 44 hours of Mass Communications/Journalism courses, regardless of the departments in which those courses are listed, must add those hours to the 124 hours required for graduation. In particular, film and photography courses offered in other departments may be considered to be Mass Communications/Journalism courses and added to the 124-hour degree requirement.

At least twenty-two (22) hours of resident School courses are required.

All material submitted by students as assignments in writing, reporting, editing, photography, and electronic news gathering and production classes is subject to publication or broadcast. The School uses a variety of print and electronic media outlets. Students majoring in journalism may be used an option by Mass Communications/Journalism majors to fulfill the language requirement.

Most Mass Communications/Journalism courses have prerequisites as specified in the course description (these prerequisites are separate from the State Mandated Common Prerequisites for program admission listed below). Refer to each prerequisite listed to determine progressive prerequisites for each course. Students also should note that the Mass Communications/Journalism major is a four-semester program at a minimum and the majority of courses are offered only during the day.

Prerequisites (State Mandated Common Prerequisites)
This is a limited access program. Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the University.

Students must complete 18 semester hours outside the Mass Communications/Journalism curriculum and beyond the 36 hours general education requirements prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses.

English Composition (minimum grade of "C")
MMC 3602 Mass Communications and Society
Prior to being admitted to the School of Mass Communications, a student must:
- Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.75 overall GPA, and pass a School-administered English Diagnostic Test.
- A maximum of nine semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introduction course. Approval by an appropriate advisor is required.

Required Upper-level Coursework for the Mass Communications Major

School Core Curriculum
MMC 2100 Writing for the Mass Media
MMC 3602 Mass Comm and Society

Sequence Requirements

JOURNALISM Requirements

News-Editorial Option
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 4181 Public Affairs Reporting
JOU 4200 News Editing I
MMC 4200 Communications Law
MMC 4203 Media Ethics
JOU 4206 Newspaper and News Publication Design
PGY 3610 Photojournalism I
Selective Requirements (10 hours selected, with advisor’s approval)

Other Requirements:
The following courses are required outside the School to complete sequence requirements:

ACCT 1000 Basic Economics
PHI 1103 Critical Thinking
POS 2041 American National Government
POS 2112 State and Local Government and Politics
or
Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field.

Requirements for the Major in Psychology

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

PSY X012 Introduction to Psychology and any other lower level Psychology course within the Psychology inventory STA XXXX Any level Statistics course (X000 - X099)
BSC XXXX Any level General Biology course (or BSC X200-
X209, or ZOO X100)

Majors must complete at least 34 semester hours in the field. A minimum grade of “C-” or better must be attained in each course in the major, except for the following: PSY 3044 and PSY 3213, where a C or better is required. Although a C- is allowable for individual courses, a major GPA of 2.0 minimum is required for graduation. All majors must complete:

Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
   - PSY 2012 Psychological Science I (if not already taken at a community college)
   - PSY 3044 Psychological Science II

2. Methods Course Requirement (7 semester hours)
   - PSY 3213 Research Methods
   - and one of the following:
     - CLP 4433 Tests and Measures
     - PSY 4205 Experimental Design and Analysis
     - or another methods course approved by the undergraduate advisor in Psychology.

3. 4000 Level Requirement (21 semester hours)
   - Courses in categories 1 and 2 must be completed before any 4000 level courses are attempted.
   - Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

   Group I
   - EXP 4204C Perception
   - EXP 4404 Psychology of Learning
   - PSB 4013C Physiological Psychology
   - EXP 4304 Motivation
   - EXP 4523C Cognitive Psychology

   Group II
   - CLP 4143 Abnormal Psychology
   - INP 4004 Industrial Psychology
   - SOP 4004 Social Psychology
   - DEP 4005 Developmental Psychology
   - PPE 4004 Personality
   - and any 3 additional courses numbered at the 4000 level.

Note: No more than a total of 3 hours of the following courses may count toward the major:
   - PSY 4913 Directed Study
   - PSY 4970 Honors Thesis.
PSY 4932 may not count toward the major. Nor may EAB 4715 (Supervised Practicum) count towards the major for those in the Applied Behavior Analysis program.

Statistics and Biological Science are required. Otherwise, students majoring in psychology are encouraged to complete a varied undergraduate program.

A prerequisite for all 4000-level courses is a grade of "C" or better in both PSY 3044 and PSY 3213, not "C-". For students minoring in Psychology, a grade of "C" or better in any college-level statistics course will substitute for the PSY 3213.

For students majoring in Interdisciplinary Social Sciences, any college-level statistics course with a grade of "C" or better may serve as prerequisite for 4000 level courses in Psychology but does not substitute for the PSY 3213 requirement.

Requirements for the Minor in Psychology
A minor in Psychology consists of a minimum of 15 credit hours, comprising PSY 2012, PSY 3044, and any three 4000-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a "C" or better in any college level statistics course in lieu of PSY 3213, or must complete PSY 3213 with a "C" or better. A GPA of 2.0 or better in the minor is required for certification. The purpose of the minor is to help students majoring in other disciplines to obtain an appropriate psychology background that will complement their work in their major. See the USF St. Petersburg Office of Academic Advising for suggested minor programs for students majoring in various fields.

STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES

Anthropology Club - To promote and encourage an interest in Anthropology among individuals within the USF community, to provide a forum for the exchange of anthropological ideas between faculty and students, and foster an informal and creative atmosphere for interaction. For further information please see our website http://web.tampabay.rr.com/rllewel/index.htm

Arts and Sciences Honor Society - To recognize high academic achievement by students in the College of Arts and Sciences. Membership is by invitation. One induction is held each year during the fall semester. For further information, contact Academic Advising (DAV 134)

Psi Chi - Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who meet the minimum qualifications. Psi Chi is a member of the Association of College Honor Societies and is an affiliate of the American Psychological Association and the American Psychological Society.

ARTS AND SCIENCES FACULTY

Anthropology
Professor: J. Sokolovsky, Assistant Professor: J. Arthur.

Art
Assistant Professors: S. Bundrick, J. Spadaro; Visiting Assistant Professor: Lucy Karl

Criminology
Assistant Professors: D. Cecil, L. Holland-Davis, W. Ruelfe; Visiting Instructor: J. Davis

English

Environmental Science and Policy
Assistant Professors: D. Cassill, J. Krest, A. Price-Smith, M. Riedinger-Whitmore, D. Smoak, K. Carvalho-Knighton

Florida Studies
Professors: R. Arsenault, G. Morrow

Geography

History
Associate Professor: D. R. Carr, Assistant Professors: S.J. Fernandez, J. Kessendies.

Government and International Affairs
Professors: A. Njoh, D. Paulson; Assistant Professors: M. Mathews, N. Johnson, J. Scourfield McLauchlan, T. Smith

Interdisciplinary Social Sciences
Assistant Professors: C. Meindl, E. Schmidt; Visiting Instructor: V. Hilliard

Mass Communications
Professors: D. Elliott, G. M. Killenberg; Associate Professor: R. Dardenne; Assistant Professors: E. Huang, C. Koski, M. Walters, P. Stark-Adams.

Mathematics
Assistant Professors: M. Gaulter, B. McKay, G. Yanev; Visiting Instructor: L. Zhornitskaya

Psychology
Professor: R. Fowler; Associate Professor: J. McHale; Assistant Professors: T. Joseph, S. Partan, M. Pezzo.

World Language Education
Assistant Professors: Y. Angulo-Cano, M. Fernandes.
COLLEGE OF BUSINESS

The College of Business offers courses of study leading to both undergraduate and graduate degrees. All degree programs offered by USF are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The undergraduate curriculum that leads to a Bachelor of Arts or Bachelor of Science degree is composed of several segments: (1) broad general education in the arts, humanities and sciences; (2) the common body of knowledge for management responsibilities; and (3) specialized areas of concentration in Accounting, Economics, Finance, General Business, International Business, Management, Management Information Systems, and Marketing. Through flexibility in its requirements, the College is able to satisfy the different interests and career objectives of students with diverse backgrounds.

The College of Business is in Bayboro Station near the corner of 3rd Street South and 13th Avenue South in St. Petersburg.

Mission

The mission of the College of Business at USF St. Petersburg is to educate, develop, and promote effective and socially responsible managers, professionals, and other leaders through discipline-specific and multidisciplinary learning, research, and service in an increasingly global environment.

Undergraduate Admission to the College

Admission to the College of Business is based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, which means that it has admission requirements in addition to those of the University in general. Students interested in pursuing a degree in the College of Business must complete the required prerequisites for entering the college in addition to other related criteria listed in 1-4 below.

Requirements for Entering the College of Business

1. Before declaring a major in the College, students must satisfy the following criteria:
   a. Minimum of 60 semester hours of college credit earned.
   b. Minimum of 2.5 cumulative grade point average on all college-level work and a minimum 2.0 on all credit attempted at USF, including any prior to renewal.
   c. Completion of the following State Mandated Common Prerequisites (or equivalents) with a grade of C or higher:
      - ACG X021 Financial Accounting (or ACG X001 & ACG X011)
      - ACG X071 Managerial Accounting
      - MAC X233 Elementary Calculus or MAC 2230
   d. In computing grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
   e. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except EGB 4890 provided they have completed 60 semester hours and have met course prerequisites.
   f. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
   g. Students must be admitted to the College of Business at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. Exceptions to this policy will be made only upon proper validation of such courses. Validation consists of written examinations prepared and administered by the College of Business Administration or by successfully completing specified advanced courses in the discipline.

Florida public junior/community college students pursuing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2022 (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

**GPA:** A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

**CLAST and Gordon Rule:** Students must have satisfactorily completed CLAST and the writing and computational course requirements of 6A-10.30 ("Gordon Rule").

**Foreign Language:** For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

**Residency:** College of Business residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.
**International Course Requirement:** All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

**No S/U courses in major or minor:** All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

### Degree Requirements

<table>
<thead>
<tr>
<th>NON-BUSINESS (54 hrs. minimum)</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General Education Requirements*</td>
<td></td>
</tr>
<tr>
<td>a. English Composition</td>
<td>6</td>
</tr>
<tr>
<td>b. Quantitative Methods (Calculus is required)</td>
<td>6</td>
</tr>
<tr>
<td>c. Natural Sciences</td>
<td>6</td>
</tr>
<tr>
<td>d. Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>e. Historical Perspectives</td>
<td>6</td>
</tr>
<tr>
<td>f. Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>g. African, Latin American, Middle Eastern, or Asian Perspectives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36</strong></td>
</tr>
<tr>
<td>2. Liberal Arts Exit Requirements*</td>
<td></td>
</tr>
<tr>
<td>a. Major Works and Major Issues</td>
<td>6</td>
</tr>
<tr>
<td>b. Literature and Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9</strong></td>
</tr>
<tr>
<td>3. Speech/ Writing Requirements for Business Majors</td>
<td></td>
</tr>
<tr>
<td>a. SPC 2600 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>or COM 3110 Communication for Business and the Professions</td>
<td></td>
</tr>
<tr>
<td>b. ENC 3213 Professional Writing</td>
<td>3</td>
</tr>
<tr>
<td>or ENC 3310 Expository Writing or equivalent</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td>4. Additional elective credits</td>
<td></td>
</tr>
<tr>
<td>Students may or may not need to take additional hours to meet the minimum of 54 non-business credits</td>
<td></td>
</tr>
<tr>
<td>(see &quot;Electives&quot; heading below for a suggested course)</td>
<td></td>
</tr>
<tr>
<td><strong>Total non-business credit hours</strong></td>
<td><strong>54</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUSINESS (60-69 hrs. minimum)</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Foundation Courses in Business</td>
<td></td>
</tr>
<tr>
<td>Required - a minimum grade of C- in each foundation course with an overall 2.0 GPA*</td>
<td></td>
</tr>
<tr>
<td>ACG 2021 Principles of Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2071 Principles of Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 Economic Principles: Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023 Economic Principles: Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>QMB 2100 Business &amp; Economic Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>BUL 3320 Law and Business I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3450 Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>ISM 3011 Information Systems in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>QMB 3200 Business &amp; Economic Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3025 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3023 Basic Marketing</td>
<td>3</td>
</tr>
<tr>
<td>GEB 4890 Strategic Mgmt/Decision Making</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36</strong></td>
</tr>
<tr>
<td>2. Major Requirements (specific courses for each major are listed in the &quot;Departments and Programs&quot; section below.)</td>
<td>18-27</td>
</tr>
<tr>
<td>3. Business Electives (sufficient electives to meet 60 credit hour minimum in Business)</td>
<td>0-6</td>
</tr>
<tr>
<td><strong>Minimum Business Credits</strong></td>
<td><strong>60-66</strong></td>
</tr>
</tbody>
</table>

### ELECTIVES IN BUSINESS OR NON-BUSINESS

Sufficient elective courses to reach a minimum of 120 hours (ranges from 0-6 credit hours if above requirements are met)

| Minimum total hours | 120 |

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**Student Advising and Records**

The Office of Undergraduate Advising and Programs (located in Davis Hall, DAV 136) provides the following services for College of Business students:

1. Processing of student admission applications for the College of Business.
2. Academic advising and program information.
3. Orientation for undergraduate pre-business students.
4. Evaluation of undergraduate transcripts of transfer students.
5. Maintenance of academic advising records for all admitted students.
6. Certification of graduation.

**Advising Offices**

**St. Petersburg Campus:** DAV 136, (727) 553-4511

**Office Hours**

St. Pete Campus: 8am-6pm Monday-Thursday. 8am-5pm on Fridays. Students are seen by appointment.

While the University provides advising services to assist students with academic planning, the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.

**Academic Dismissal**

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business.

### DEPARTMENTS AND PROGRAMS

- **GENERAL BUSINESS (GBA)**
  The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

**Requirements for the B.A./B.S. Degree:** Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major. Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.

**One exception:** A minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

**Requirements for a Minor in Business Administration (Non-Business Majors Only):** Students are required to process an application for the minor in the College of Business. Students must complete an introductory computer course (with a content similar to CGS 2100 Computers in Business) or obtain a waiver for this requirement from the College of Business by demonstrating competence in the use of computers.

1. The course requirements are as follows:
   - ACG 3074 Managerial Accounting for Non-Business Majors* 3
   - ECO 1000 Basic Economics** 3
   - FIN 3403 Principles of Finance 3
   - MAN 3025 Principles of Management 3
   - MAN 4XXX Managerial Applications (see advisor) 3
   - MKT 3023 Basic Marketing 3
   - **Total** 18
ACCOUNTING (ACC)

The objective of the baccalaureate degree program in accountancy is to provide students with accounting and business knowledge that will serve as a basis for careers in industry, government, non-profit organizations and public accountancy.

The baccalaureate program also prepares students for entry into the Master of Accountancy (M.Acc.) professional degree program.

The State of Florida, like most states, requires a fifth year of education in order to sit for the CPA examination. Questions concerning the CPA examination should be directed to members of the Accounting faculty.

Requirements for the B.A./B.S. Degree: In addition to the non-business and business foundation courses listed in the General Requirements section, students must complete a minimum of 27 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF.

Required Accounting Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 3103 Intermediate Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACG 3113 Intermediate Financial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACG 3341 Cost Accounting and Control I</td>
<td>3</td>
</tr>
<tr>
<td>ACG 3401 Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACG 4632 Auditing I</td>
<td>3</td>
</tr>
<tr>
<td>TAX 4001 Concepts of Federal Income Taxation</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (9 hours selected from):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 4123 Intermediate Financial Accounting III</td>
<td>3</td>
</tr>
<tr>
<td>ACG 4351 Cost Accounting and Control II</td>
<td>3</td>
</tr>
<tr>
<td>ACG 4642 Auditing II</td>
<td>3</td>
</tr>
<tr>
<td>ACG 4931 Selected Topics</td>
<td>3</td>
</tr>
<tr>
<td>ACG 5201 Advanced Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACG 5501 Governmental/Not-for-Profit Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACG 5675 Internal and Operational Auditing</td>
<td>3</td>
</tr>
<tr>
<td>TAX 5015 Federal Taxation of Business Entities</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 27

The student’s program must also include course work taken in behavioral sciences and humanities, such as psychology, anthropology, and sociology, and the political environment of business and society, such as political science, public administration, and ethics. College of Business advisors will recommend courses that will satisfy the program requirements.

Accounting majors can use the forgiveness policy only once in upper-level accounting courses. Accounting courses taken by accounting majors on an S/U basis will not be counted toward the 120-hour graduation requirement. Independent Research, ACG 4911, will not be accepted as credit toward the minimum degree requirements in the accounting concentration.

Accounting majors must earn a “C” (not C-) grade in each of the sequential upper-level accounting courses before being allowed to go on to the next course: i.e., ACG 3103, ACG 3113, ACG 3341, ACG 4632, and TAX 4001.

Requirements for a Minor in Accounting (for Business Majors Only): Students majoring in Business Administration may minor in Accounting. The requirements are:

1. ACG 3103 Intermediate Financial Accounting I 3
2. ACG 3341 Cost Accounting and Control I 3
3. ACG 4642 Auditing II 3
4. ACG 4931 Selected Topics 3
5. ACG 4911 Accounting Information Systems 3
6. TAX 4001 Concepts of Federal Income Taxation 3

Total 15

FINANCE (FIN)

The Finance major provides a broad-based, analytical program for students anticipating a career in the management of both large and small organizations. Finance provides a good background for students seeking general careers in business. Finance majors can elect to follow tracks that prepare them for entry and advanced careers in

- financial management of corporations
- management of financial institutions
- investments
- financial services, insurance, and real estate.

In addition, the program in Finance is designed to provide the skills required by students earning degrees in other business disciplines and by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses that enable the graduate to identify and solve problems in the acquisition and allocation of funds by organizations in the public and private sectors in domestic and international settings. It provides the background necessary for managing wealth in a risky environment. Finance relies on an interdisciplinary approach that draws on economic theory, accounting, information systems, and the quantitative decision frameworks of statistics and mathematics.

ECONOMICS (ECN)

Economics offers a clear and logical approach to business decision-making. The department offers broad course choices allowing students to tailor their programs to provide training for careers in business as well as teaching, government, and law.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirements section, students must complete a minimum of 21 hours of upper-level economics beyond the foundation courses for business.

Required Economics Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3101 Intermediate Price Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3100 Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3203 Intermediate Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 21

Students must obtain a grade of “C” or higher in ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. Students cannot take both ECO 3101 and ECO 3100 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.

Requirements for a Minor in Economics: All students, regardless of college can earn a minor in Economics by satisfactorily completing 18 hours in Economics. The requirements are:

1. ECO 2013 Economic Principles: Macroeconomics 3
2. ECO 2023 Economic Principles: Microeconomics 3
3. Upper-level economics electives (may include QMB 3200) 12
4. Total Economics Hours 18

Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.

2. Before being recognized as a minor in economics, a student must obtain program approval by the Economics Department Undergraduate Advisor.

3. A grade point average of 2.0 or higher must be achieved in minor course work at USF, and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.

4. At least 9 hours must be taken in residence at USF.

ECONOMICS (ECN)

Economics offers a clear and logical approach to business decision-making. The department offers broad course choices allowing students to tailor their programs to provide training for careers in business as well as teaching, government, and law.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program as listed in the General Requirements section, students must complete a minimum of 21 hours of upper-level economics beyond the foundation courses for business.

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Total 21

Students must obtain a grade of “C” or higher in ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3100 is a prerequisite. Students cannot take both ECO 3101 and ECO 3100 for credit. No more than 3 hours credit can be applied toward a major from ECO 4905 and/or ECO 4914. At least 12 hours must be taken in residence at USF.

Requirements for a Minor in Economics: All students, regardless of college can earn a minor in Economics by satisfactorily completing 18 hours in Economics. The requirements are:

1. ECO 2013 Economic Principles: Macroeconomics 3
2. ECO 2023 Economic Principles: Microeconomics 3
3. Upper-level economics electives (may include QMB 3200) 12
4. Total Economics Hours 18

Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.

2. Before being recognized as a minor in economics, a student must obtain program approval by the Economics Department Undergraduate Advisor.

3. A grade point average of 2.0 or higher must be achieved in minor course work at USF, and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.

4. At least 9 hours must be taken in residence at USF.
The major is designed to ensure that graduates are familiar with the tools of financial decision-making and that they possess the skills to stay abreast of the developments in the field. Finance graduates will understand the functions and operations of financial markets, become familiar with computer applications in finance, and know how to access and utilize financial information. Course content is designed to provide majors with an appreciation of cooperative work skills and to enhance their verbal and written communication skills.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours of upper-level finance courses beyond FIN 3403. At least 12 hours must be taken in residence at USF.

Required Finance Courses:
- FIN 4303 Financial Institutions and Markets 3
- FIN 4414 Advanced Corporation Finance 3
- FIN 4504 Principles of Investments 3

Additional upper-level Finance electives 9-15

Total Finance Electives 18-24

Finance electives can be selected from among those 3000 and 4000 level classes that have FIN, REE, and RMI prefixes. At least two electives must have an FIN prefix. Independent Study (FIN 4905) and Independent Research (FIN 4915) will not be accepted as credit toward the minimum degree requirements for a major in Finance. The courses listed below are suggested electives that are relevant for students who might want to pursue careers in the following areas:

Corporate Financial Management
- FIN 3604 International Finance
- FIN 4412 Working Capital Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statements Analysis

Management of Financial Institutions
- FIN 3233 Money and Banking
- FIN 3604 International Finance
- FIN 4324 Bank Management
- FIN 4443 Financial Policies and Strategies
- FIN 4461 Financial Statement Analysis

Investments
- FIN 3604 International Finance
- FIN 4461 Financial Statement Analysis
- FIN 4514 Advanced Investment Analysis & Management
- REE 4303 Real Estate Investment Analysis

Financial Services
- FIN 3604 International Finance
- FIN 4514 Advanced Investment Analysis & Management
- REE 3043 Real Estate Decision-Making
- REE 4303 Real Estate Investment Analysis
- RMI 3011 Principles of Insurance

Requirements for a Minor in Finance (for Business Majors only): Students majoring in Business Administration may minor in Finance. The requirements are

1. FIN 4504 Principles of Investments 3
2. FIN 4303 Financial Institutions and Markets 3
3. FIN 4414 Advanced Corporation Finance 3

Total Finance Hours 12

Plus approved MIS electives**

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in MIS. The requirements are

1. ISM 3232 Business Application Development* 3
2. ISM 3113 Systems Analysis and Design* 3
3. ISM 4212 Database Administration 3
4. ISM 4220 Business Data Communications 3
5. ISM 4300 Managing Information Resources 3

Plus Approved MIS Electives**

Total Hours Required for B.A./B.S. Degree 24

*ISM 3232 (Business Application Development) must be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design), which is a prerequisite for all other required MIS courses.

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4950 will not count as an MIS elective.)

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a set of 6 required MIS courses and 2 approved MIS electives. MIS majors must earn a “C” or higher (not C-) in the six required MIS courses and must have a 2.0 or higher GPA in the major; they can use grade forgiveness for only one upper-level MIS course. At least 15 hours must be taken in residence at USF.

Required MIS Courses:
- ISM 3232 Business Application Development* 3
- ISM 3113 Systems Analysis and Design* 3
- ISM 4212 Database Administration 3
- ISM 4220 Business Data Communications 3
- ISM 4300 Managing Information Resources 3

One of the following:
- ISM 4234 Object Oriented Design and Development (C++)
- ISM 4411 Web Application Development (Java) 3

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in MIS. The requirements are

1. ISM 3232 Business Application Development 3
2. ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
3. ISM 4212 Database Administration 3
4. Approved MIS Elective 3

Total MIS hours 12

MANAGEMENT (MAN)
The undergraduate degree in the Department of Management prepares students for entry level positions in human resource management, general and small business management. It also prepares students for entry into graduate programs, such as the Master of Science in Management and the Master of Business Administration.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete 18 hours of management beyond MAN 3025. At least 12 hours must be taken in residence at USF.

Required Management Courses:
- MAN 3240 Organizational Behavior Analysis 3
- Additional upper-level management courses 15-21

Total 18-24

MAN 4504 and MAN 4507 do not count toward the management major.
Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.

The requirements are:
1. MAN 3240 Organizational Analysis 3
2. MAN 3301 Human Resource Management 3
3. MAN 4282 Organizational Assessment 3
4. MAN 4600 International Management 3

Total Management hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

- MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF St. Petersburg prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:
1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF.

Required Marketing Courses:
1. MAR 3823 Marketing Management 3
2. MAR 3613 Marketing Research 3
3. MAR 3400 Professional Selling 3
4. MAR 4333 Electronic/Promotion Management 3
5. MAR 4824 Marketing Management Problems 3

Additional upper-level marketing courses 3-9
Total 18-24

It is strongly recommended that marketing majors take an internship course as part of their plan of study. It is also recommended that courses in information technology, finance, management, and international business be included in the business electives.

Students majoring in Marketing can greatly enhance their attractiveness to employers by taking a minor in Marketing or taking selected courses from the Marketing curriculum to broaden their backgrounds. Marketing is particularly complementary for College of Business students majoring in Information Systems, Finance, and Management. For non-business majors, Marketing is very complementary with degrees such as communications, liberal arts, and engineering.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:
1. MAR 3823 Marketing Management 3
2. Any 3 upper level Marketing courses with a MAR prefix (excluding MAR 4824) 9

Total Marketing Hours 12
2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

- INTERNATIONAL BUSINESS (ITB)

The Bachelor of Arts in International Business (IB) provides students with the knowledge, skills and experience necessary for successful careers in the global business environment. Graduates will have not only the International Business major, but also a minor in one of the functional areas of business (finance, management, marketing, economics, or information systems). With this preparation, graduates will find employment in many manufacturing, service or knowledge-based industries with international markets, international suppliers, international sources of finance or an internationally diverse work force.

The IB program is unique in that it combines preparation in business administration with language training, area studies, and a meaningful overseas work or study experience. The curriculum includes, in addition to the general education and liberal arts requirements, a strong grounding in business core courses, and 18-hour major in international business and area studies subjects, a minor in a functional area of business, training in a foreign language and overseas academic or business experience. A minimum of 120 hours is required to complete a B.A. in International Business.

International Business Major (18)
Business Courses (9)
Students should see a COBA advisor for an approved list of upper level international business courses.
Area Studies Courses (9)
Students should see a COBA advisor for an approved list of upper level area studies courses.

Business Minor/Concentration (12)
Students will choose a minor from the following disciplines:
Economics
Finance
Marketing
Management
Information Systems

Within each concentration one course must be an international business course. The international business course is in addition to the three international business courses as required in the above International Business Major area.

Foreign Language Above First Year (9)
Language(s) selected should support the area and the Area Studies courses.

Overseas Business Internship (3) or Semester Abroad
The International Business Major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from a COBA advisor or the Office for International Affairs, BAY 204C, once a decision has been made to pursue this major.
Minor in International Business

Students Majoring in Business Administration

To qualify for the minor in International Business, students with a major in one of the degree programs in Business Administration must successfully complete a minimum of 12 hours of international business or related course work. At least 9 semester credit hours in the minor must be selected from a set of approved upper-level international business courses (see below). One of the courses in the minor, relevant to the student’s international area of interest, can be an approved area studies course, or other course, taken outside the College. A minimum of 9 semester hours of the minor course work must be taken at USF. A grade point average of 2.0 or higher must be achieved in minor course work taken at USF, as well as in any transfer work applicable to the minor. Competency to effectively communicate in a foreign language is strongly advised.

Non-Business Administration Majors

To qualify for the International Business minor, non-business majors must complete the requirements for the minor in Business Administration (see previous Requirements for a Minor in Business Administration) and complete at USF a minimum of 9 semester credit hours selected from a set of approved upper-level international business courses (see below). A grade point average of 2.0 or better must be achieved in the minor course work taken at USF, as well as in any transfer work applicable to the minor program. Competency to communicate in a foreign language is strongly advised.

A statement attesting to the completion of the Minor in International Business will appear on the student’s official transcript.

Courses Approved for International Business

The following courses are currently approved for the International Business major and minor:

- ECO 3703 International Economics
- ECO 4713 International Macroeconomics
- ECO 4723 International Trade and Policy
- ECO 4XXX Economics of Latin America
- ECS 3013 Economic Development
- ECS 4003 Comparative Economic Systems
- FIN 3604 International Finance
- ISM 4382 Global Information Systems
- MAN 4600 International Management
- MAR 4156 International Marketing

Other courses will be added as they are developed and approved. In addition, the College frequently offers Selected Topics courses that qualify for International Business. Students should consult with an advisor for additional approved courses.

Student Organizations within the College of Business

All students are encouraged to participate in extracurricular activities. The following organizations provide a means for students to develop both professionally and socially while attending the College of Business.

Management Information Systems Society - The MIS Society is a career oriented organization focusing on all areas of business data management and information systems development.

Student Accounting and Business Organization - Promotes professionalism in accounting and other business disciplines.

BUSINESS FACULTY

Accounting/Law


Economics


Finance

Associate Professors: T. Shank; Assistant Professors: G. Patterson, W. Guan; Instructor: M. Bers; Visiting Instructors: C. Long, D. Manullang

Information Systems & Decision Sciences

Associate Professor: E. M. Hufnagel; Assistant Professors: C. Davis, G. Kearns, A. Watkins; Instructors: J. Gum, N. Jones, D. C. White; Visiting Instructors: G. DeCosmo

Management

Associate Professor: J. Gaines; Assistant Professors: C. Bean, S. Geiger, D. Marlin, M. Street; Instructor: B. Teague; Visiting Instructors: K. Bebout

Marketing

COLLEGE OF EDUCATION

The USF College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All Teacher education programs must meet the requirements of Chapter 6A-5, Rules of the State Board of Education of Florida, and have " Approved Program " status.

The USF St. Petersburg College of Education is dedicated to preparing highly qualified educators from diverse backgrounds to lead the continuing reinvention of schools. Meeting the needs of learners in a changing society and creating and extending knowledge related to education by engaging in scholarly research with regional, state, national and international implications.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Each subdivision of the college maintains professional standards by participating in nationally-certified program reviews and also through ongoing departmental appraisals of learning outcomes.

The USF St. Petersburg College of Education follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent a cooperative effort in planning and practice by faculties in appropriate academic areas. Liberal Arts courses and courses in the content areas are offered through the College of Arts and Sciences. Courses primarily designed for teacher candidates are taught by the College of Education faculty.

For information concerning required courses in each major, students should consult the following "Programs" section accessible from the USF St. Petersburg site. Other important information is available from the College of Education website at http://www.sipt.usf.edu/coe/index.htm.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Preliminary Requirements for Students Entering Teacher Education Programs

Students who wish to teach in a particular subject area or field should begin preliminary coursework during their first year in college. However, students are not admitted to the College of Education (and into a teacher education program) until they finish the university’s liberal arts freshman and sophomore requirements and the state-mandated common prerequisites for education.

Students may apply for entrance into one of the upper-level teacher education programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a teacher education program through the Academic Advising Center.

Admission to an upper-level teacher education program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of the University’s General Education requirements (36 cr. hrs.). (See "Liberal Arts Requirements" section of the catalog.) Note: Students should contact an academic advisor to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST with passing scores. No exemptions or waivers accepted.
4. Although no longer required for admission to the College of Education, students are still encouraged to take the ACT or SAT. Many existing scholarships still require these scores.
5. Completion of State Mandated Common Prerequisites Note: The following prerequisites are required for all education majors who enter as freshmen in Fall 2003, but students should consult their intended majors (listed under "Programs," below) for a list of other specific course prerequisites and requirements beyond these listed below:
   - EDF 2005 Introduction to Education 3
   - EDG 2701 Teaching Diverse Populations 3
   - EME 2040 Introduction to Educational Technology 3
   - Nine (9) semester hours in humanities (to include philosophy and fine arts) in fine arts
   - Nine (9) semester hours in English to include writing, literature, and speech
   - Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory
   - Nine (9) semester hours in mathematics to include college algebra or above and geometry
   - Twelve (12) semester hours in social sciences to include American history and general psychology
   - Six (6) semester hours of courses with an international and/or diversity focus (in addition to EDG 2701). If these courses are taken elsewhere, the institution transferring credit to USF must certify that the course content satisfies the international/diversity focus requirement. Refer to the list below for courses that satisfy both the General Education and the international and/or diversity course requirements.

International/Diversity Courses Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience in Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 2000</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>EGN 2031</td>
<td>History of Technology</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2011</td>
<td>Ancient History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2021</td>
<td>Medieval History I</td>
<td>3</td>
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<tr>
<td>EUH 2022</td>
<td>Medieval History II</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2030</td>
<td>Modern European History I3</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2031</td>
<td>Modern European History II</td>
<td>3</td>
</tr>
<tr>
<td>FIL 2001</td>
<td>Film: Language of Vision</td>
<td>4</td>
</tr>
<tr>
<td>GEO 1930</td>
<td>Geography of Current Events</td>
<td>4</td>
</tr>
<tr>
<td>GEO 2371</td>
<td>Introduction to Earth Systems Science</td>
<td>3</td>
</tr>
<tr>
<td>INR 1015</td>
<td>World Perspective</td>
<td>3</td>
</tr>
<tr>
<td>LAH 2734</td>
<td>Latin American History in Film</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2010</td>
<td>Introduction to Fiction</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2040</td>
<td>Introduction to Drama</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2011</td>
<td>The Enjoyment of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2051</td>
<td>Folk and Traditional Music of World</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2632</td>
<td>Music in the United States</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
<td>3</td>
</tr>
<tr>
<td>POS 2080</td>
<td>The American Political Tradition</td>
<td>3</td>
</tr>
<tr>
<td>REL 2300</td>
<td>Introduction to World Religions</td>
<td>4</td>
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<tr>
<td>REL 2306</td>
<td>Contemporary World Religions</td>
<td>4</td>
</tr>
<tr>
<td>REL 3501</td>
<td>History of Christianity</td>
<td>4</td>
</tr>
<tr>
<td>SPT 2524</td>
<td>Women Writers of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

6. Minimum GPA: An overall minimum GPA of 2.50 on all attempted hours.
7. Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core (25-30 cr. hrs.), Teaching Specialization Preparation (27-49 cr. hrs.), and Liberal Arts Exit Requirements (6 credit hours). For questions concerning General Education and Liberal Arts Exit Requirements, refer to the Liberal Arts Requirements section of the catalog. See specific requirements for each major listed in "Programs" below.
Education Advising

The Academic Advising Center is responsible for many of the processes and procedures that support the academic pursuits of students in the College. The department’s major areas of responsibility include: Undergraduate Advising, Teacher Certification. The Center is committed to serving the University community.

Students are ultimately responsible for knowing and fulfilling all university, college, and degree program requirements for graduation. Students are encouraged to make an appointment with an academic advisor each semester. For additional contact information, please call our office at (727) 553-4511. The office is located in Davis Hall Room 134 and our hours are 8 a.m. – 6 p.m. Monday through Thursday and 8 a.m. – 5 p.m. on Friday.

Application Information:

(Only admitted USF St. Petersburg students are eligible.) The admission process to the College of Education (C.O.E.) is separate and in addition to admission to USFSP. After receiving acceptance to USF St. Petersburg, students should attend a new student advising session where they can complete the College of Education application, receive information about degree programs and register for courses for their first semester. Call (727) 553-4511 to schedule an advising session.

Time Limitations

The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the faculty of the program in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

Qualifications for Internship Experience

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar and EEX 4070, students may not enroll in additional courses during the semester in which the final internship occurs unless an exemption is granted through a College of Education petition.

Special requirements for enrollment in the final internship and seminar courses are:

1. Admission to the College of Education.
2. Completion of General Education, "Gordon Rule," and all other program prerequisites (includes passing all sections of the CLAST and the General Knowledge Test).
3. Completion of an application for the final internship by the deadlines noted. Applications for final internship are made through the College of Education website (www.stpt.usf.edu/coe/). Applications for Fall Semester are due the preceding January 15. Applications for Spring Semester are due the preceding June 15.
4. The Elementary program requires completion of all professional education and specialization coursework except for EEX 4070. The Special Education program requires completion of all professional education and specialization coursework. The English Education requires completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
5. The Elementary program requires a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. The Special Education program requires an overall USF GPA of 2.5. The English Education program requires a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.

SunCoast Area Teacher Training Program (SCATT)

SCATT is an award-winning teacher training program designed to enhance the already outstanding teacher preparation programs currently offered within the College of Education. The Suncoast Area Teacher Training Program celebrates excellence in teaching while emphasizing professionalism in a diverse society. SCATT offers students a variety of activities, workshops, seminars and field trips to enrich their knowledge base as educators. The SCATT program offerings are based on the research on effective teaching strategies and encourage reflective practice.

The entrance requirements for the program help identify those students who have demonstrated high levels of academic achievement, leadership potential and those who, through a commitment to aspire to the highest standards of the teaching profession. To graduate as a SCATT student, individuals participate in activities each semester prior to final internship that extend "above and beyond" the requirements of their academic curricula. In addition, they are offered the opportunity to network with majors from other programs other than their own. During final internship SCATT students participate in intensive leadership and communication skills training.

To be certified by the College of Education for graduation, a student must have earned a minimum of 120 semester hours credit and successful completion of all program requirements for ESOL endorsement. A minimum overall USF grade-point average of 2.5 or a minimum GPA of 2.5 in teaching specialization courses and a minimum GPA of 2.5 in the Professional Education sequence is required. The Elementary program requires a combined grade point average of 2.5 in professional education and specialization as well as an overall USF GPA of 2.5. Satisfactory completion of the internship is also required. In order to graduate the student must pass both the Subject Area (SAE) for the appropriate area and the Professional Education (Ped) sections of the Florida State Teacher Certification Examination (FTCE) and pass the General Knowledge Test, prior to the completion of internship. A student must also have completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation). A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF. The student must complete a minimum of 30 hours after admittance to an upper-level program and must meet all University requirements.

Normally, the college will recommend the granting of a Bachelor of Science (BS) degree that includes a minimum of 6 credit hours of exit courses. To obtain a Bachelor of Arts (BA) degree, the student must meet the Foreign Language Competency (see graduation requirements in front of catalog) and complete 9 hours of exit courses, 3 of which must be in Literature and Writing and 3 of which must be offered outside the College of Education.

6. Students must earn a "C" grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.
### BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Education offers majors affiliated with six programs. Each of the majors leads to the Bachelor of Science degree* in the following fields:

<table>
<thead>
<tr>
<th>Major</th>
<th>Program Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Education</td>
<td>Childhood Education (BEE)</td>
</tr>
<tr>
<td>English Education</td>
<td>Secondary Education (BEN)</td>
</tr>
<tr>
<td>Varying Exceptionalities</td>
<td>Special Education (BEX)</td>
</tr>
</tbody>
</table>

*A Bachelor of Arts degree may be awarded when competency in a foreign language is demonstrated and a student has met the nine hour Liberal Arts Exit requirements.

### PROGRAMS

The College of Education is organized into three degree programs leading to the Bachelor of Science Degree in Elementary Education.

- Please be advised that program and course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Elementary majors will be assigned to a specified sequence of courses to be followed throughout the program enrollment. Coursework will include internship and field experience. Students who withdraw from or who have unsatisfactory grades in the field experiences or internships must petition the college Professional Standards Committee before they will be allowed to repeat the internships.

Students must have an overall USF GPA of 2.5 and a GPA of 2.5 in the combined Professional Core and Teaching Specialization prior to final internship and graduation.

Part-time students in Elementary Education (those planning to take 9 hours or less per semester) must meet program and internship requirements associated with the programs. These requirements include being available to participate in the internships during regular school hours.

Students may complete a state-approved program to be eligible for certification in Elementary Education (Grades Kindergarten – 6). Degree and certification requirements are subject to change. The current program of studies includes both coursework and extensive field experience in elementary school settings to enable students to integrate theory with teaching practice.

### Elementary Education

Elementary Education has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in Elementary Education.

### Elementary Education with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) ESOL 1, 2, and 3, with a minimum grade of 70% or better on all three sections of the ESOL Comprehensive Exam administered in the three ESOL courses; (2) a 20-hour early ESOL field experience in ESOL1; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL folder, containing all assignments and test results from ESOL 1, 2, and 3, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

### ELEMENTARY EDUCATION

#### Requirements for the B.S. Degree (BEE):

In addition to the courses listed below, students must complete “Preliminary Requirements for Students entering Teacher Education Programs.”

**Prerequisites (State Mandated Common Prerequisites):**

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
- Twelve (12) hours of Social Science (to include American History and General Psychology)
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
- Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Students are advised that the Elementary Education specialization will require an enrollment of more than the traditional four semesters of the junior and senior years in order to complete the program specialization courses and the required sequence of internship.

The order in which these courses are to be taken is designated in the program of study.

#### Professional Education (31-32 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4620</td>
<td>Curriculum and Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integrating Exceptional Students in the Regular Classroom</td>
<td>2-3</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4316</td>
<td>Language Principles and Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4909</td>
<td>ESOL 3</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4940</td>
<td>Internship</td>
<td>10</td>
</tr>
</tbody>
</table>

#### Specialization (41 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4301</td>
<td>Classroom Management, School Safety, Ethics, Law, and Elementary Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4941</td>
<td>Childhood Education Internship Level I</td>
<td>3</td>
</tr>
<tr>
<td>EHP 4722</td>
<td>Health and Physical Education for the Child</td>
<td>2</td>
</tr>
<tr>
<td>EDE 4942</td>
<td>Childhood Education Internship Level II</td>
<td>6</td>
</tr>
<tr>
<td>LAE 4314</td>
<td>Teaching Writing</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4414</td>
<td>Teaching Literature in the Elementary Schools</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310</td>
<td>Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4326</td>
<td>Teaching Elementary School Mathematics II</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310</td>
<td>Reading and Learning to Read</td>
<td>3</td>
</tr>
</tbody>
</table>
The following program is housed in Secondary Education: English Education. The undergraduate program offered by the department is designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary and special education.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• ENGLISH EDUCATION with ESOL Endorsement

Requirements for the B.S. Degree (BEN): In addition to the courses listed below, students must complete "Preliminary Requirements for Students entering Teacher Education Programs." The College of Education offers a full ESOL Endorsement for all English Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better on part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL-performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

- Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
  Suggested courses: MGF 1105, 1106, or 1107; STA 2022
- Twelve (12) hours of Social Science (to include American History and General Psychology)
  Suggested courses: AMH; AML 3453; ENL 3323, 3823; PSY 2012
- Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
- One (1) Natural Science Course must have a lab component
- Six (6) hours of International or Multicultural Focus
- Nine (9) hours of English (to include Writing, Literature and Speech)
  Suggested courses: LIT 2000; SPC 2000
- Six (6) hours Humanities (to include Philosophy and Fine Arts)
  Suggested courses: FIL 2001; PHH 2000

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Recommended Courses:
- Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)
- English Electives (9 hours) - to include advanced composition and mediacy
  (CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

Professional Education (27 credit hours):

EDF 3604 Social Foundations of Education (Exit) 3
EDF 3122 Learning & Developing Child 3
EDG 4620 Curriculum and Instruction 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4316 Language Principles and Acquisition 3
FLE 4317 Teaching LEP Students K-12 3
EDG 4909 ESOL 3
  Literacy Course 3
  Classroom Management Course 3

Specialization (21 credit hours):

ENC 3310 Expository Writing 3
  One of the following:
  LIT 3103 Great Literature of the World (Exit) 3
  WST 4410 Third World Women Writers (Exit) 3
  LAE 4469 World Literature for Middle and Secondary School Students 3

  One of the following:
  AML 3031 American Literature to 1860 3
  AML 3032 American Literature 1860-1912 3
  AML 3051 American Literature 1912-1945 3

  One of the following:
  ENL 3015 British Literature to 1616 3
  ENL 3230 British Literature 1616-1780 3
  ENL 3251 British Literature 1780-1900 3
  ENL 3273 British Literature 1900-1945 3

  One of the following:
  LIT 3383 The Image of Women in Literature 3
  LIT 4386 British and American Literature by Women (Exit) 3

  One of the following:
  LIN 3010 Introduction to Linguistics 3
  ENG 4060 History of the English Language 3

  One of the following:
  LIN 3670 English Grammar and Usage 3
  LIN 4860 Structure of American English 3

Additional Specialization (24 credit hours):

LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
LAE 4323 Methods of Teaching English: Middle School 3
LAE 4530 Methods of Teaching English: Practicum 3
LAE 4335 Methods of Teaching English: High School 3
  (Must be taken with LAE 4335)
LAE 4936 Senior Seminar in English Education 2
LAE 4940 Internship: English Education 10
LAE 4530 and LAE 4335 must be taken in the Fall or Spring immediately proceeding internship. LAE 4323 must be taken prior to LAE 4530. LAE 4464 must be taken concurrently with LAE 4323.
Educational Measurement and Research

Educational Measurement and Research offers EDF 4430, Measurement for Teachers, which provides students with the measurement and evaluation skills and dispositions they need to be effective classroom teachers. Students use curriculum-based, learner-based, context-based, and professionally-based standards to develop and use objective, produce, and live performance tests; attitude observation and self-report assessments; they analyze and evaluate learner progress, their tests, and their instruction; and they communicate learner progress using portfolios, grades, and standardized test profiles. The course is delivered using web-based distance and web-enhanced laboratory format.

Psychological and Social Foundations of Education

Psychological and Social Foundations of Education does not offer a specific major or degree program, but provides courses for all students majoring in the wide array of undergraduate programs available in the College of Education. These courses contribute to the students’ understanding of the general education enterprises and are considered foundational to later professional specialization. Consequently, these courses should be taken early in the professional program, typically in the junior year.

EDF 3122 Learning and the Developing Child 3
EDF 3604 Social Foundations of Education 3

Special Education

Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Field experiences begin during the first semester of a student's enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

Please be advised that program and/or course requirements are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

• SPECIAL EDUCATION with ESOL Endorsement

The College of Education offers a full ESOL Endorsement for all Special Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) FLE 4317 and FLE 4316 with a minimum grade of 70% or better in part one and part two of the ESOL Comprehensive Exam administered in the two ESOL courses; (2) a 20-hour early ESOL field experience in FLE 4317; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series weeks; and (4) an ESOL binder, containing all ESOL-related assignments taken in the College of Education and an ESOL performance Standards Checklist that documents the completion of the necessary number of standards.

Prerequisites (State Mandated Common Prerequisites):

These prerequisites must be met by transfer students as well as USF students. A grade of "C-" is the minimum acceptable grade.

EDF 2005 Introduction to Education
EDG 2701 Teaching Diverse Populations
EME 2040 Introduction to Educational Technology

• Nine (9) hours of Mathematics (to include College Algebra or above and Geometry)*
• Twelve (12) hours of Social Science (to include American History and General Psychology)
• Nine (9) hours of Natural Science (to include an Earth Science course, a Life Science course and a Physical Science course)
• One (1) Natural Science Course must have a lab component
• Six (6) hours of International or Multicultural Focus
• Nine (9) hours of English (to include Writing, Literature and Speech)
• Six (6) hours Humanities (to include Philosophy and Fine Arts)

*Only courses with the prefixes MGF, MTG, MAC, and STA will qualify for the courses in mathematics. MGF 1106 Liberal Arts Mathematics I meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement.

Professional Education Core (32 credit hours):
The required courses in the professional education core are as follows:

EEX 4941 Practicum in ESE 6
EDF 3122 Learning and the Developing Child 3
EDF 3604 Social Foundations of Education (Exit) 3
EDF 4430 Measurement for Teachers 3
FLE 4317 Teaching LEP Students K-12 3
FLE 4316 Language Principles and Acquisition 3
EDG 4909 ESOL 3 1
EEX 4940 Internship: Exceptional Student Education 9
EEX 4936 Senior Seminar in Exceptional Student Education 1

Area of Specialization

Varying Exceptionalities (BPX)

Students seeking the B. S. degree with certification in Varying Exceptionalities are required to take the following courses:

EEX 4011 Foundations of Special Education 3
EEX 4054 Perspectives on Learning and Behavioral Disorders 3
EEX 4221 Educational Assessment of Exceptional Students 3
EEX 4243 Education of the Exceptional Adolescent and Adult 3
EEX 4604 Behavior Management for Special Needs and at Risk Students 3
EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit) 3
EEX 4846 Clinical Teaching in Special Education 3
EMR 4011 Mental Retardation and Developmental Disabilities 3
LAE 4314 Teaching Writing 3
MAE 4310 Teaching Elementary School Mathematics I 3
RED 4310 Early Literacy Learning 3
RED 4511 Literacy in the Intermediate and Middle Grades 3
Student Organizations and Activities

Student Education Association (SEA)
Purpose: to meet the educational needs and desires of students and to provide enrichment programs; to access resources outside the campus community.

Student Council for Exceptional Children
Purpose: to present students with opportunities to improve special education and professional standards; to provide a focal point for the professional preparation of future leaders in the education of exceptional individuals.

Kappa Delta Pi
Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

EDUCATION FACULTY

Elementary Education

Educational Measurement and Research
Associate Professor: S. Lang; Assistant Professor: J. T. Kellow; Lecturer: J. Wilkerson

Psychological and Social Foundations
Assistant Professors: L. Johnson, B. Jones, D. Michaels.

Secondary Education
Associate Professor: J. L. Nutta; Assistant Professors: C. T. Lui, J. Marshall; Instructor: J. Khattabi; Lecturer: A. Reeves; Visiting Assistant Professors: E. Kleiser, S. Waring

Special Education
Professors: W. H. Heller, M. Koorland, T. Rose; Associate Professor: K. Stoddard; Assistant Professor: L. Dukes; Lecturer: B. Braun
GENERAL COURSE INFORMATION

Courses offered for credit by the University of South Florida are listed on the following pages in alphabetical order by college and subject area.

The first line of each description includes the State Common Course prefix and number (see below), title of the course, and number of credits.

Credits separated by commas indicate unified courses offered in different semesters:

**AMH 2010, 2020 AMERICAN HISTORY I, II (4,4)**

Credits separated by a hyphen indicate variable credit:

**HUM 4905 DIRECTED RESEARCH (1-5)**

The abbreviation “var.” also indicates variable credit:

**MAT 7912 DIRECTED RESEARCH (var.)**

The following abbreviations are utilized in various course descriptions:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR</td>
<td>Prerequisite</td>
</tr>
<tr>
<td>CI</td>
<td>With the consent of the instructor</td>
</tr>
<tr>
<td>CC</td>
<td>With the consent of the chairperson of the department or program</td>
</tr>
<tr>
<td>CR</td>
<td>Corequisite</td>
</tr>
<tr>
<td>Lec</td>
<td>Lecture</td>
</tr>
<tr>
<td>Lab</td>
<td>Laboratory</td>
</tr>
<tr>
<td>Dem</td>
<td>Demonstration</td>
</tr>
<tr>
<td>Pro</td>
<td>Problem</td>
</tr>
<tr>
<td>Dis</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**SPECIAL INFORMATION COURSE CODES**

- **6A** Courses to satisfy Rule 6A-10.30 (Gordon Rule)
- **EC** Course fulfills part of the Liberal Arts General Education Requirement for English Composition
- **FA** Course fulfills part of the Liberal Arts General Education Requirement for Fine Arts
- **HP** Course fulfills part of the Liberal Arts General Education Requirement for Historical Perspectives
- **NS** Course fulfills part of the Liberal Arts General Education Requirement for Natural Sciences
- **AF** Course fulfills part of the Liberal Arts General Education Requirement for African, Latin American, Middle Eastern, or Asian Perspectives
- **QM** Course fulfills part of the Liberal Arts General Education Requirement for Qualitative Methods
- **SS** Course fulfills part of the Liberal Arts General Education Requirement for Social Sciences
- **LW** Course fulfills part of the Liberal Arts Exit Requirement for Literature and Writing
- **MW** Course fulfills part of the Liberal Arts Exit Requirement for Major Works and Major Issues

**Five Year Course Deletion Rule**

In compliance with State of Florida Department of Education ruled 6A-10.0331, USF undergraduate courses not taught for five years, or fewer if desired, are deleted from the Undergraduate Catalog.

The University reserves the right to substitute, not offer, or add courses that are listed in this catalog.

**Alphabetical Listing of Departments and Programs**

Course descriptions are listed by college under the following department and program headings:

<table>
<thead>
<tr>
<th>Department/Program</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>Business Administration</td>
</tr>
<tr>
<td>Administration/Superintendence</td>
<td>Education</td>
</tr>
<tr>
<td>Adult Education</td>
<td>Education</td>
</tr>
<tr>
<td>Africana Studies</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Air Force ROTC</td>
<td>Undergraduate Studies</td>
</tr>
<tr>
<td>American Studies</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Ancient Studies (Religious Studies)</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Anthropology</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Arabic (Language)</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Army ROTC</td>
<td>Undergraduate Studies</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department/Program</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Visual and Performing Arts</td>
</tr>
<tr>
<td>Art Education</td>
<td>Visual and Performing Arts</td>
</tr>
<tr>
<td>Astronomy</td>
<td>Arts and Sciences</td>
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<tr>
<td>Basic and Interdisciplinary Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>Biology</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Business and Office Education</td>
<td>Education</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Arts and Sciences</td>
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<tr>
<td>Chemical Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>Chinese (Language)</td>
<td>Arts and Sciences</td>
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<tr>
<td>Civil and Environmental Engineering</td>
<td>Engineering</td>
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<tr>
<td>Classics</td>
<td>Arts and Sciences</td>
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<tr>
<td>Common Body of Knowledge</td>
<td>Business Administration</td>
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<tr>
<td>Communication</td>
<td>Arts and Sciences</td>
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<tr>
<td>Communication Sciences and Disorders</td>
<td>Arts and Sciences</td>
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<tr>
<td>Community Experiential Learning</td>
<td>Arts and Sciences</td>
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<tr>
<td>Computers in Education</td>
<td>Education</td>
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<tr>
<td>Computer Science and Engineering</td>
<td>Engineering</td>
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<tr>
<td>Computer Service Courses</td>
<td>Engineering</td>
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<tr>
<td>Cooperative Education</td>
<td>Undergraduate Studies</td>
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<tr>
<td>Criminology</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Dance</td>
<td>Visual and Performing Arts</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Education</td>
</tr>
<tr>
<td>Economics</td>
<td>Business Administration</td>
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<tr>
<td>Electrical Engineering</td>
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<td>Elementary Education</td>
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<td>English</td>
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<tr>
<td>Environmental Science &amp; Policy</td>
<td>Arts and Sciences</td>
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<tr>
<td>Finance</td>
<td>Business Administration</td>
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<td>Fine Arts Interdisciplinary</td>
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<td>Foreign Language Education</td>
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<td>French (Language)</td>
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<td>General Business Administration</td>
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<td>Government &amp; International Affairs</td>
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<td>Education</td>
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298  GENERAL COURSE INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 2004/2005 UNDERGRADUATE CATALOG

Measurement and Research  Education
Mechanical Engineering  Engineering
Medical Technology  Arts and Sciences
Military Science (Army ROTC)  Undergraduate Studies
Music  Visual and Performing Arts
Music Education  Visual and Performing Arts
Naval Science (Navy ROTC)  Undergraduate Studies
Nursing  Nursing
Philosophy  Arts and Sciences
Physical Education - Elective  Education
Physical Education - Professional  Education
Physics  Arts and Sciences
Polish (Language)  Arts and Sciences
Political Science  Arts and Sciences
Portuguese (Language)  Arts and Sciences
Psychological and Social Foundations of Education  Education
Psychology  Arts and Sciences
Public Administration  Arts and Sciences
Public & Community Health Education  Education
Psychology  Arts and Sciences
Public Administration  Arts and Sciences
Public & Community Health Education  Education
Psychology  Arts and Sciences
Reading  Undergraduate Studies
Reading Education  Education
Rehabilitation Counseling  Arts and Sciences
Religious Studies  Arts and Sciences
Russian (Language)  Arts and Sciences
Social Science Education  Education
Social Sciences, Interdisciplinary  Arts and Sciences
Social Work  Arts and Sciences
Spanish (Language)  Arts and Sciences
Special Education  Education
Theatre  Visual and Performing Arts
Women's Studies  Arts and Sciences
Yoruba (Language)  Arts and Sciences

Listing of Departments and Programs

Alphabetically by College, Department/Program

College/Department/Program

School of Architecture
Architecture
College of Arts and Sciences
Africana Studies

American Studies
Anthropology
Astronomy
Biological Science
Chemistry
Classics
Greek
Latin
Communication
Communication Sciences & Disorders
Community Experiential Learning
Criminology
Economics
English
Environmental Science & Policy
Geography
Geology
Gerontology
Government & International Affairs
International Studies
Political Science

Department/Program

Common Course Prefixes

ARCH
AF, AFH, AFS, AMH, AML, AMS, ANT, CPO, HUM, INR, ISS, PHI, PHM, PUP, SPC, AMS, PGY, ANT
BOT, BSC, ENY, MCB, PCB, ZOO
BCH, CHM, CHS
CLA, CLT
GRE, GRW
LAT, LNW
COM, ORI, SPC
SPA
IDS
CCJ, CJT
ECN, ECO, ECP, ECS, GEB, QMB
AM, CRW, ENC, ENG, ENL, LAE, LIN, LIT, WST, EVR
GEA, GEO, MET, URF
GLY, OCE, OCG
GEO, HUS
AFA, ASN, EUS, INR, LAS, WST, CPO, INR, POS, POT, PUP, URP
AFH, AMH, ASH, EUH, HIS, LAH, WST
HUM
ISC
ISS, STA
ENS, FLE, FOL, FOW, LIN, TSL
ARA
CHI
FR, FWD
GER, GET, GEW
GRK
HEB
ITA, ITW
JPN
POL
POR
RUS, RUT
SPN, SPT, SPW
YOR
IDS
LIS
ENS, LIN, TSL
ADV, FIL, JOU, MMC, PGY, PUR, RTV, VIC
QGB, OGC, OCE, OCG, OCP
CGS, COP, MAA, MAC
MAT, MGF, MHF, MTG, STA
MLS
MCB
PHH, PHI, PHM, PHP, WST
PHY, PHZ
CBH, CLP, DEP, EXP, INP, PPE, PSB, PSI, SOW
RCS
CLA, GRE, HEB, REL
CLA, HEB
SCE*
SSE*
SYA, SYD, SYG, SYO, SYP
AF, AMH, AMS, ANT, COM, LIT, PHI, PHM, POS, PUP, REL, SOP, SPT, SYD, WST
ACG, TAX
GEB
ECO, ECP, ECS
FIN, RHE, RMI
BUL, GEB, MAN
CGS, GEB, ISM, QMB
MAN
MAR
EME
ARE, FLE, MAE, SCE, SED, SSE
EDE, EDG, EDS, LAE, MAE, RED, SCE, SSE
FLE
EDH
HUM Measurement- EDF
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<tr>
<th>Course</th>
<th>Prefix</th>
<th>Department/Programs</th>
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<td>Physical Education - Elective</td>
<td>HLP, PEL, PEM, PEN, PEQ, PET</td>
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<tr>
<td>Physical Education - Professional</td>
<td>HLP, HSC, PEP, PEQ, PET</td>
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<tr>
<td>Psychological &amp; Social Foundations of Education</td>
<td>EDF, IDS, MHS, SDS, SLS, SPS</td>
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<tr>
<td>Reading Education</td>
<td>RED</td>
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<tr>
<td>Science Education</td>
<td>SCE</td>
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<tr>
<td>Social Science Education</td>
<td>SSE</td>
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<tr>
<td>Special Education</td>
<td>ELD, EED, EEX, EGI, EMR, EPH</td>
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<tr>
<td>College of Engineering</td>
<td>CEG, CES, CGN, CWR, EMA, ENV, TTE</td>
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<tr>
<td>Chemical Engineering</td>
<td>ECH</td>
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<tr>
<td>Computer Science &amp; Engineering</td>
<td>CAP, CDA, CEN, CIS, COP, COT, EEL, ESI</td>
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<td>Computer Service Courses</td>
<td>CGS, COP, ETG, ETI</td>
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<td>Electrical Engineering</td>
<td>EEL, ELR</td>
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<td>EAS, EML</td>
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<td>Honors College</td>
<td>EMA, ENV, TTE</td>
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<td>College of Nursing</td>
<td>EDA, DAE, DAN</td>
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<td>College of Nursing</td>
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<tr>
<td>College of Public Health</td>
<td>HUN, NUR</td>
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<td>Undergraduate Studies</td>
<td>EMA, ENV, TTE</td>
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<tr>
<td>Aerospace Studies (Air Force ROTC)</td>
<td>AFR</td>
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<td>Cooperative Education</td>
<td>IDS</td>
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<td>Hospitality and Restaurant Management</td>
<td>FSS, HFT</td>
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<tr>
<td>Information Technology</td>
<td>CDA, CEN, CIS, COP, EEL</td>
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<td>Military Science (Army ROTC)</td>
<td>MIS</td>
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<td>Naval Science (Navy ROTC)</td>
<td>NSC</td>
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<td>College of Visual and Performing Arts</td>
<td>ARH, ART, FIL, GRA, PGY</td>
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<td>Dance</td>
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<td>Fine Arts Interdisciplinary</td>
<td>IDS</td>
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<tr>
<td>Music</td>
<td>MUC, MUE, MUG, MUH, MUL, MUN, MUO, MUS, MUT, MVB, MVJ, MVK, MVP, MVS, MVV, MVW</td>
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<tr>
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<tr>
<td>Theatre</td>
<td>THE, TPA, TPP</td>
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</tbody>
</table>

Listing Departments/Programs Alphabetically by Prefix

- ARE Art Education, Elementary Education
- ARH Art History
- ART Art
- ASH History
- ASN International Studies
- AST Astronomy
- BCH Chemistry
- BMS Medicine, Medical Sciences
- BOT Biology
- BSC Biology
- BTE Business & Office Education
- BUL General Business Administration
- CAP Computer Science & Engineering
- CBH Psychology
- CCH Criminology
- CDA Computer Science & Engineering, Information Technology
- CEG Civil & Environmental Engineering
- CEN Computer Science & Engineering, Information Technology
- CES Civil & Environmental Engineering
- CGN Civil & Environmental Engineering
- CGS Computer Service Courses, Mathematics, Mathematics Education
- CHI Chinese
- CHM Chemistry
- CHS Chemistry
- CIS Computer Science & Engineering, Information Technology
- CJT Criminology
- CLA Classics, Religious Studies
- CLP Psychology
- CLT Classics
- COM Communication, Women's Studies
- COP Computer Service Courses, Computer Science & Engineering, Information Technology, Mathematics
- COT Computer Science & Engineering
- COP Africana Studies, Political Science
- CRW English
- CWR Civil & Environmental Engineering
- DAA Dance
- DAE Dance
- DAN Dance
- DEC Distributive & Marketing Education
- DEP Psychology
- EAS Mechanical Engineering
- ECH Mechanical Engineering
- ECO Economics
- ECP Economics
- ECS Economics
- EDE Elementary Education
- EDF Psychological & Social Foundations, Measurement-Research
- EDG Curriculum & Instruction, Education - General, Educational Leadership, Elementary Education, Theatre Education
- EDH Higher Education
- EEC Early Childhood Education
- EED Special Education
- EEL Computer Science & Engineering, Electrical Engineering, Information Technology
- EEG Special Education
- EGI Special Education
- EGM Civil & Environmental Engineering
- EGN Basic & Interdisciplinary Engineering
- EIA Industrial & Technical Education
- EIN Industrial & Management Systems Engineering
- EIT Information Technology
- EIV Industrial & Technical Education
- ELD Special Education
- ELE Electrical Engineering
- EMA Civil & Environmental Engineering
EML Mechanical Engineering
EMR Special Education
ENC English
EME Computers in Education
ENG English
ENL English
ENS Linguistics
ENV Civil Engineering and Mechanics
ENY Biology
EPH Special Education
ESI Industrial & Management Systems Engineering
ETG Computer Service Courses
ETI Computer Service Courses
EUH History
EUS International Studies Program
EVR Environmental Science & Policy
EVT Industrial & Technical Education
EXP Psychology
FIL Art, Mass Communications
FIN Finance
FLE Foreign Language Education, French (Language)
FOL General Foreign Languages
FRE French (Language)
FRW French (Language)
FSS Hospitality and Restaurant Management
GEA Geography
GEB Common Body of Knowledge, General Business Administration
GEO Geography
GER German (Language)
GET German (Language)
GEW German (Language)
GEY Gerontology, Psychology
GLY Geology
GMS Medical Sciences, Medicine
GRA Art
GRE Greek (Classics), Religious Studies
GRK Greek (Language)
GRW Greek (Classics)
HBR Hebrew (Language)
HEB Religious Studies
HFT Hospitality and Restaurant Management
HIS History
HLP Elementary Education, Physical Education - Elective
HSC Public Health
HUM Africana Studies, Humanities
HUN Nursing
HUS Gerontology
IDH Honors College
IDS Community Experiential Learning Program, Cooperative Education, Fine Arts Interdisciplinary, Honors Program, Liberal Studies
INP Psychology
INR Africana Studies, International Studies, Political Science
ISM Information Systems & Decision Sciences
ISS Africana Studies, International Studies, Interdisciplinary Social Sciences
ITA Italian (Language)
ITW Italian (Language)
JOU Mass Communications
JPN Japanese (Language)
LAE Elementary Education, English Education
LAH History
LAS International Studies
LAT Latin (Classics)
LIS Library and Information Science
LIT English, Women's Studies
LNW Latin (Classics)
MAA Mathematics
MAC Mathematics
MAD Mathematics
MAE Elementary Education, Mathematics, Mathematics Education
MAN General Business Administration, Management
MAP Mathematics
MAR Marketing
MAS Mathematics
MAT Mathematics
MCB Biology
MET Geography
MGF Mathematics
MHF Mathematics
MHS Psychological & Social Foundations of Education
MIS Military Science (Army ROTC)
MLS Medical Technology
MMC Mass Communications
MTG Mathematics
MUC Music
MUE Elementary Education, Music Education
MUG Music
MUH Music
MUL Music
MUN Music
MUO Music
MUS Music
MUT Music
MVJ Music
MVJ Music
MVK Music
MVP Music
MVS Music
MVV Music
MVW Music
NGR Nursing
NSC Naval Science (Navy ROTC)
NUR Nursing
OCB Marine Science
OCC Marine Science
OCE Geology, Marine Science
OCG Geology, Marine Science
OCP Marine Science
ORI Communication
PAD Public Administration
PCB Biology
PEL Physical Education - Elective
PEM Physical Education - Elective
PEN Physical Education - Elective
PEP Physical Education - Professional
PEQ Physical Education - Professional
PET Physical Education - Elective, Physical Education - Professional
PGY American Studies, Art, Mass Communications
PHM Philosophy
PHI Africana Studies, Philosophy, Women’s Studies
PHM Africana Studies, Philosophy, Women’s Studies
PHP Philosophy
PHY Physics
PHZ Physics
POL Polish (Language)
POR Portuguese (Language)
POS Political Science, Women’s Studies
POT Political Science
PPE Psychology
PSB Psychology
PSY Psychology
PUP Africana Studies, Political Science, Women’s Studies
PUR Mass Communications
QMB Information Systems & Decision Sciences
RCS Rehabilitative Counseling
REA Reading
RED Elementary Education, Reading Education
REE Finance
REL Religious Studies, Women’s Studies
GENERAL COURSE INFORMATION 301

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RMI Finance
RTV Mass Communications
RUS Russian (Language)
RUT Russian (Language)
SCE Elementary Education, Science Education
SDS Psychological & Social Foundations of Education
SLS Psychological & Social Foundations of Education
SOP Psychology, Women's Studies
SOW Social Work
SPA Communication Sciences & Disorders
SPC Africana Studies, Communication
SPN Spanish (Language)
SPS Psychological & Social Foundations
SPT Spanish (Language), Women's Studies
SPW Spanish (Language)
SSE Elementary Education, Social Science Education
STA Mathematics, Interdisciplinary Social Sciences
SUR Civil & Environmental Engineering
SYA Sociology
SYD Sociology, Women's Studies
SYG Sociology
SYO Sociology
SYG Sociology
SYP Sociology
TAX Accounting
THE Theatre
TPA Theatre
TPP Theatre
TSL Linguistics
TTE Civil & Environmental Engineering
URP Geography, Political Science
VIC Mass Communications
WST History, International Studies, Women's Studies
YOR Yoruba (Language)
ZOO Biology

COURSE LEVEL DEFINITION
Lower 0000-1999 Freshman Level
       2000-2999 Sophomore Level
Upper 3000-3999 Junior Level
       4000-4999 Senior Level
Graduate 5000-5999 Senior/Graduate Level
         6000-Up Graduate Level

Florida’s Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This common numbering system is used by all public postsecondary institutions in Florida and by participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course details.”

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 34 different postsecondary institutions. Each institution uses “SYG_010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In science and other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which may meet at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college while the same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university upon transfer. The student cannot be required to take SYG 2010 again since SYG 1010 at the community college while the same course is offered at a state university as SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements on the same basis as credit awarded to the native student. It is the prerogative of the receiving institution to offer transfer credit for courses successfully completed which have not been designated as equivalent.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the prefix designation.

Authority for Acceptance of Equivalent Courses

State Board of Education Rule 6A-10.024(19), Florida Administrative Code, reads:

When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The award of
credit may be limited to courses that are entered in the course numbering system. Credits so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses in the 900-999 series (e.g., HUM 2905)
B. Internships, practica, clinical experiences, and study abroad courses
C. Performance or studio courses in Art, Dance, Theater, and Music
D. Skills courses in Criminal Justice
E. Graduate courses
F. Courses not offered by the receiving institution

College preparatory and vocational preparatory course may not be used to meet degree requirements and are not transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Office of the Dean, Undergraduate Studies in SVC 2002 at the University of South Florida or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling telephone number (850) 245-0427 or SunCom 205-0427.
ACG 2021 Principles of Financial Accounting (3) BA ACC
Study of basic accounting principles including the recording and reporting of financial activity. The preparation and interpretation of financial statements.

ACG 2071 Principles of Managerial Accounting (3) BA ACC
PR: ACG 2021 with a grade of “C” or better. A study of the accountant’s role in assisting management in the planning and controlling of business activities.

ACG 3074 Managerial Accounting for Non-Business Majors (3) BA ACC
Does not count towards major or CPA requirements. Not available for credit for business majors. The primary users of accounting data internally by managers in planning and controlling the affairs of organizations.

ACG 3103 Intermediate Financial Accounting (3) BA ACC
PR: ACG 3103 with a grade of “C” or better (not C-). Continuation of ACG 3103. Topics covered include property, plant and equipment, intangibles, current liabilities, long-term debt, stockholders’ equity, earnings per share computations, and investments.

ACG 3341 Cost Accounting and Control I (3) BA ACC
PR: ACG 2071 or ACG 3103. Deals with cost accounting systems for different entities, cost behavior patterns, cost-volume-profit analysis, relevant information for decision making, and budgets and standard costs for planning and control.

ACG 3401 Accounting Information Systems (3) BA ACC
PR: ACG 2021 and CGS 2100. Students who complete this course will not receive credit for ACG 4421. This course provides students with a basic understanding of well-controlled information systems in a variety of technological environments with added emphasis on the collection, processing, and reporting of accounting information.

ACG 4123 Intermediate Financial Accounting III (3) BA ACC
PR: ACG 3113 with a grade of “C” or better (not C-). Theory and practice underlying revenue recognition, income tax allocation, leases, post-retirement benefits, error analysis, statement of cash flows, full disclosure, and other current accounting topics.

ACG 4351 Cost Accounting And Control II (3) BA ACC
PR: ACG 3341 with a grade of “C” or better (not C-). Application of the material covered in ACG 3341 with specific emphasis on cost allocations, performance measurements, analysis of current cost accounting systems and accounting in today’s environment (giving consideration to the influences of the international environment).

ACG 4632 Auditing I (3) BA ACC
PR: ACG 3113 and ACG 3401. This course provides a sound conceptual foundation of basic auditing process from the perspective of the public accounting profession. Professional standards, ethics, legal responsibilities, and the utilization of technological developments.

ACG 4642 Auditing II (3) BA ACC
PR: ACG 4632 with a grade of “C” or better (not C-). Further development of material covered in ACG 4632, with special emphasis on additional reporting topics and audit techniques not previously addressed.

ACG 4901 Independent Study (1-3) BA ACC
PR: Consent of Director. S/U only. Specialized independent study determined by the students’ needs and interests.

ACG 4911 Independent Research (1-4) BA ACC
PR: Consent of Director. Individual study contract with instructor and director required. The research project will be mutually determined by the student and instructor.

ACG 4931 Selected Topics In Accounting (1-4) BA ACC
The course content will depend on student demand and instructor’s interest.

ACG 5201 Advanced Financial Accounting IV (3) BA ACC
PR: ACG 4123. Accounting for business combinations, preparation of consolidated financial statements, home office/branch operations, foreign operations and transactions, partnerships.

ACG 5501 Governmental/Not-For-Profit Accounting (3) BA ACC
PR: ACG 4123. CR: ACG 4632. Application of financial and managerial accounting, and auditing, principles and theory to both governmental and not-for-profit entities.

ACG 5675 Internal and Operational Auditing (3) BA ACC
PR: ACG 3113 and ACG 3401. CR: ACG 4632. The objective of Internal and Operational Auditing is to provide students with an opportunity to learn about the theory and practice of internal and operational auditing and to apply relevant audit principles and techniques to selected audit problems.

ADE 4384 Working With the Adult Learner (3) ED EDV
An investigation of the needs of the adult learner. Identification of principles of adult learning; physiological, psychological, and social characteristics of adult learners, and corresponding implications are explored.

ADV 3000 Introduction to Advertising (3) AS COM
PR: ADV 3000 and ECO 1000. Study of advertising in context of economic and social systems; implications of marketing; the advertising process; planning, production techniques, and problems affecting the development of advertising to fulfill retail objectives.

ADV 3300 Advertising Media Strategy (3) AS COM
PR: ADV 3000 and ECO 1000. Problems, techniques, strategy of media research, planning, budgeting and effective utilization in advertising.

ADV 3501 Advertising Research (3) AS COM
PR: ADV 3000. Overview of scientific research methods as used in advertising. Emphasis on the acquisition, analysis, and evaluation of primary and secondary data, and the principles of survey and experimental research.

ADV 3700 Retail Advertising Planning and Execution (3) AS COM
PR: ADV 3000 and ADV 3101. A study of retail advertising, including retail management systems, planning, processes, procedures, media planning, production techniques, and problems affecting the development of advertising to fulfill retail objectives.

ADV 4600 Advertising Management (3) AS COM
PR: ACG 3101, ADV 3501, ADV 3701, ECO 1000, and MAR 3023. Advanced advertising course requiring planning and production of a complete general advertising campaign, including research, production methods, budgeting, and media schedules.

ADV 4940 Advertising Practicum (1) AS COM
PR: Consent of Director. For advertising sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora] 6A AF (3) AS AFA
Fundamental perspectives on the nature and significance of the Black Experience in Africa and black communities in the Americas.

AFA 4150 Africa and the United States 6A SS HP AF (3) AS INT
An examination of the historical and current political, economic, and cultural relations between the United States and Africa.

AFA 4331 3 AFA English Major 6A AF
PR: Junior or Senior standing. This course focuses on linguistic patterns among African Americans in the U.S., South and Central America, and the Caribbean. It examines language in relation to issues of domination, social stratification, economics and political empowerment.

AFA 4331 Social Institutions and the African American Community (3) AS AFA
A study of social institutions as they relate to the African American community, with emphasis on social systems operating within and on the African American community.

AFA 4333 The African Diaspora: Blacks in the Construction of the Americas 3 AFA English Major
PR: Junior or Senior standing. This course will examine the historical and geographical distribution of Africans in the diaspora and the political economic roles they have played in the development of the Western world, with a focus on the Americas. The course takes an interdisciplinary approach. The course is not restricted to majors and is not repeatable for credit.
AFA 4335 Black Women in America 6A MW (3) AS AFA
An interdisciplinary survey of the experiences of black women in America, including the African roots, myths, and realities surrounding that experience.

AFA 4350 African American Community Research MW (3) AS AFA
This interactive field experience course introduces students to active and applied research methodologies and the uses of this research in Black urban communities.

AFA 4400 Middle Passage MW AP (3) AS AFA
The Middle Passage focused on the history of African people from Africa to destinations in the Americas and Europe. Emphasis is placed on the capture, detention, and transport of Africans, and their response to the experience.

AFA 4500 Slavery in the Americas and the Caribbean MW (3) AS AFA
This course examines the institution of enslavement in North, South, and Central America, and the Caribbean. It takes an interdisciplinary approach in exploring the social, political, and economic underpinnings of slavery.

AFA 4900 Directed Readings (1-3) AS AFA
PR: CI. Independent readings in a particular area of African and African American Studies, selected by student and instructor.

AFA 4931 Selected Topics in Africana Studies (3) AS AFA
Topics offered are selected to reflect student needs and faculty interests. In depth study in such areas as the Black Student and the African American Experience, the Black Experience in the Americas; European Expansion in Africa to 19th century; Contemporary Economic Problems in Africa.

AFA 5935 Issues in Africana Studies (1-4) AS AFA
Variable topics course focusing on the history, culture, and lived experiences of Africans, African American, and/or other peoples of African descent worldwide. Rpt. Up to 12 hours as topics vary.

AFH 3100 African History to 1850 HP AF (3) AS HTY
An outline survey of pre-colonial African history including a preface introduction to the use of primary sources (such as archaeology, oral tradition, cultural anthropology, comparative linguistics, documents) in reconstructing the African past.

AFH 3200 African History since 1850 HP AF (3) AS HTY
Survey of the Colonial and post-colonial history of Africa. Emphasis on the impact of European and other alien influences on the continent, emergence of independent African states, and post-independence problems of nation building and economic development.

AFR 1101 The Air Force Today: Organization And Doctrine (1) US AFR
Introduction to the Air Force in the contemporary world through a study of its total force structure and mission.

AFR 1120 The Air Force Today: Structure And Roles (1) US AFR
A study of the strategic offensive and defensive forces, general purpose forces, and aerospace support forces that make up the Air Force of today.

AFR 2000 Enhanced Physical Fitness Training (0) US AFR
Required of students in AFR 2000, 3000, and 4000-level classes. It meets once per week for 1 and 1/2 hours. Concentrates on motivational physical fitness, healthy lifestyle and cadet esprit.

AFR 2001 Air Force ROTC Leadership Laboratory (0) US AFR
Leadership Laboratory is required for each of the Aerospace Studies courses. It meets one hour and 45 minutes per week. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies; drill and ceremonies; career opportunities in the Air Force; and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical laboratory, which typically includes field trips to Air Force installations.

AFR 2130 The Evolution of USAF Aerospace Power Part I (1) US AFR
CR: AFR 2000, AFR 2001. A study of the presence of power from balloons and dirigibles through the jet age. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine.

AFR 2140 The Evolution of USAF Aerospace Power Part 2 (1) US AFR

AFR 3220 Air Force Leadership and Management - I (3) US AFR
An examination of political, social, and economic climate of the 1860’s that led to the American Civil War. The course does focus upon the war itself in its military, diplomatic, and political consequences through the end of the Reconstruction (1877).

AMH 3201 The United States, 1877-1914 (4) AS HTY
A study of America from the end of reconstruction to World War I. Ranging over political, social, and international developments, the course covers industrialization, immigration, unions, reform, feminism, race relations and imperialism.

AMH 3231 The United States, 1914-1945 (4) AS HTY
The United States from World War I to the end of World War II. Covering political, social and international developments, the course examines the lives of Americans, including minorities and women, during war, prosperity, and the Great Depression.

AMH 3270 The United States since 1945 (4) AS HTY
A study of America’s role in the Cold War, in Vietnam, and in the post-Cold War era. Also examines domestic developments, such as the consumer culture, protest movements, and abuses of political power.

AMH 3403 The South since 1865 (4) AS HTY
Southern history since the surrender at Appomattox. Topics covered include Reconstruction, the Populist revolt, race relations, demagoguery and disfranchisement, Southern women, and the Civil Rights Movement.

AMH 3421 Early Florida (4) AS HTY
A history of colonial Florida under the Spanish and English. Florida as an area of discovery, colonization, and imperial conflict; the emergence of Florida within the regional setting.

AMH 3423 Modern Florida (4) AS HTY
An historical survey of Florida from the territorial period to the modern era. An examination of the social, political, and economic changes occurring in Florida between 1821 and the 1980s.

AMH 3500 American Labor History (4) AS HTY
A study of American workers from the colonial period to the present. Examines the changing nature of work, its effects on workers (including minorities and women), and their responses as expressed in strikes, unions, and political action.

AMH 3510 U.S. Diplomatic History to 1898 (4) AS HTY
The development of American Foreign Relations in the Agricultural era.

AMH 3511 U.S. Diplomatic History in the 20th Century (4) AS HTY
A history of American Foreign Relations in the Industrial era.

AMH 3530 Immigration History (4) AS HTY
A study of the composition and character of the “American” people with emphasis on the period from 1840s to the 1920s. Examines old world backgrounds of immigrants and their responses to the new world’s social, economic and political conditions.

AMH 3540 United States Military History (4) AS HTY
A study of American military policy and practices from colonial days to the present. Attention is given both to tactics and strategy in the unfolding formulation and development of American armed might.

AMH 3561 War and American Empire (4) AS HTY
The U.S. evolved in 200 years from 13 colonies to the number one power in the world. To achieve this goal we utilized war to achieve empire. This course will examine the link between American War and empire from the Revolution through Viet Nam.

AMH 3561 American Women I (4) AS HTY
A study of women in the evolution of American society from European origins to 1877. Women’s roles in the family, economy, politics, wars, and reform movements will be examined.

AMH 3562 American Women II (4) AS HTY
A study of women in the evolution of American society from 1877 to the present. Women’s roles in the family, economy, politics, immigration, wars, religion and reform movements will be examined.

AMH 3571 African American History to 1865 HP (3) AS AFA
A survey of African American history, with an emphasis on North America to 1865. Topics include pre-colonial Africa, transatlantic slave trade, the Revolutionary War, and the Civil War.

AMH 3572 African American History since 1865 HP (3) AS AFA
A survey of African American history, with an emphasis on North America, from 1865 to the present. Topics include reconstruction, the World War II, and the Civil Rights Movement.

AML 3031 American Literature From the Beginnings to 1860 (3) AS ENG
A study of representative works from the period of early settlement through Romanticism, with special attention to such writers as Cooper, Irving, Bryant, Hawthorne, Emerson, Melville, Thoreau, and Poe, among others.

AML 3032 American Literature from 1860 to 1912 (3) AS ENG
A study of representative works of selected American Realists and early Naturalists, among them Whitman, Dickinson, Twain, James, Howells, Crane, Dreiser, Wharton, Robinson, Dunbar, and Johnson.

AML 4301 American Life from 1912-1945 (3) AS ENG
A study of poetry, drama, and fiction by such writers as Pound, Stein, Fitzgerald, Hemingway, Faulkner, Porter, Toomer, Cummings, Williams, Anderson, Steinbeck, Wright, West, Stevens, Eliot, and others.

AML 3453 Historical Perspectives in Early American Literature HP (3) AS ENG
Examines American literature from the Colonial Period to the Civil War as a manifestation of American political, social, and intellectual forces. Will not be counted toward the English major.

AML 3604 African American Literature 6A LW (3) AS ENG
A study of African American literature from the nineteenth century to the present, including the works of such writers as W.E.B. Dubois, Jean Toomer, Langston Hughes, Richard Wright, Ralph Ellison, LeRoi Jones, and Nikki Giovanni.

AML 4111 Nineteenth-Century American Novel (3) AS ENG
A study of the American novel from its beginnings through 1900, including such novelists as Cooper, Hawthorne, Melville, James, Twain, Crane, and Dreiser, among others.

AML 4121 Twentieth-Century American Novel (3) AS ENG
A study of major trends and influences in American prose fiction from 1900 to the present. Includes works by such writers as Hemingway, London, Wharton, Fitzgerald, Faulkner, West, Mailer, Bellow, Ellison, Donleavy, Updike, Vonnegut, and others.

AML 4261 Literature of the South (3) AS ENG
A study of the major writers of the Southern Renaissance, including writers such as Faulkner, Wolfe, Caldwell, Hellman, McCullers, O’Connor, Warren, Styron, Tate, Davidson, and Danticat.

AML 4303 Zora Neale Hurston (3) AS AFA PR: Junior or Senior standing. The course focuses on the life, works, and times of Zora Neale Hurston as a major Harlem Renaissance figure and a renaissance Florida writer.

AML 4330 Selected American Authors (3) AS ENG
The study of two or three related major authors in American literature. The course may include such writers as Melville and Hawthorne, Hemingway and Faulkner, James and Twain, Pound and Eliot, Stevens and Pound, etc. Scope of topics will vary. May be taken twice for credit with different topics.

AML 4624 Black Women Writers 6A LW (3) AS AFA
Black women writers focuses on the literature of women of Africa and the African Diaspora. It examines the social, historical, artistic, political, economic, and spiritual lives of African women in context of a global community.

AMS 2030 Introduction to American Studies SS HP (3) AS AMS
An overview of American Studies, the interdisciplinary study of American culture. Analysis of the arts and literature, including music; social issues; popular culture; material culture; cultural diversity; and social change. These approaches will be applied to specific cultural eras.

AMS 2201 Colonial American Culture HP (3) AS AMS
An examination of cultural patterns in America as they developed between 1600 and 1780 with an emphasis on the texture of everyday life.

AMS 2212 Nineteenth-century American Culture HP (3) AS AMS
An examination of cultural patterns in America from 1776 to 1900 with an emphasis on the texture of everyday life.

AMS 2363 Issues in American Civilization (1-4) AS AMS
An examination of selected topics such as natural environment and the quality of life, sports and American society, popular music, American communities, vigilante tradition, jazz music, role of the West, Chuck and Country music, American success myth, youth in America. Topic varies.

AMS 3001 American Culture 1880-1915 6A HP (4) AS AMS
Integration of major aspects of American life between the 1880s and World War I.

AMS 3210 Regions of America HP (4) AS AMS
The pattern of American culture as revealed through an examination of selected writings and other pertinent materials dealing with selected American regions. Topic varies.

AMS 3230 American Literature During the 20s and 30s (3) AS AMS
Selected interdisciplinary materials are used to examine the relationships among regionalism, nationalism and internationalism during the twenties and thirties. Emphasis is placed on the nature of cultural nationalism attained by the United States during this period.

AMS 3260 American Culture, 1830-1860 6A HP (4) AS AMS
Examines the patterns of American culture in the years leading up to the Civil War. Topics include religion and social reform, race
relations, and the impact of industrialization.

AMS 3370 South and None: Myth and Reality 6A HP (3) AS AMS
This course will identify the myths surrounding Southern Women, discern their sources and purposes, and contrast them with history.

AMS 3610 Material Culture and American Society SS HP (3) AS AMS
By means of slides, lectures and student projects, examines connections between artifacts and American cultural attitudes from 17th century to present. Topics include: architecture, furniture, gravestones, toys, and the material subcultures of women, African-Americans and communal societies.

AMS 3700 Racism in American Society SS HP (3) AS AMS
An introduction into the causes and effects of racism in American history, life-style, art, the media, and folklore. Related concepts of ethnocentrism and class conflict will also be studied.

AMS 3930 Selected Topics in American Studies (1-4) AS AMS
Offerings include Cultural Darwinism in America, America Through Foreign Eyes, and The Female Hero in American Culture.

AMS 4152 Film in American Culture (3) AS AMS
Surveys the contributions to American culture of major films, studios, directors, stars, theaters, and controversies from the perspectives of genres and stylistic, critical methodologies and theories. Variable topics such as: series on a region, director, performer, subject, or period of time.

AMS 4804 Major Ideas in American Myth (3) AS AMS
Investigates the role of one or more influential ideas in American culture, for example: individualism, identity, community, dissent, reform, utopianism, democracy. Emphasizes the critical analysis of a variety of primary texts. Topic varies.

AMS 4910 Individual Research (1-4) AS AMS
The content of the course will be governed by student demand and instructor interest. Instructor approval required prior to registration.

AMS 4930 Selected Topics in American Studies (1-4) AS AMS
PR: Senior in American Studies or CI. Offerings include the social implications of American painting, Technology in Twentieth Century America, American Environmental Problems, Popular Culture in America, America in the American Century, and Life in America.

AMS 4935 Senior Seminar in American Studies (4) AS AMS
PR: Senior in American Studies or CI.

AMS 4940 Internship in American Studies (1-2) AS AMS
A structured, out-of-class learning experience designed to provide first-hand, practical training in careers related to American Studies. Restricted to American Studies majors. Repeatable up to 4 credit hours.

ANG 5901 Directed Reading (1-4) AS ANT

ANG 5901 Individual Research (2-4) AS ANT
PR: DPR. Contract required prior to registration. S/U. Individual guidance in selected research project.

ANG 5937 Seminar in Anthropology (2-4) AS ANT
PR: Consent of students and instructor. Topics to be chosen by the students.

ANT 2000 Introduction to Anthropology SS AF (4) AS ANT
The cross-cultural study of the human species in biological and social perspective. Surveys the four major branches of anthropology: physical anthropology (human biology), archaeology (the analysis of the prehistoric and historic remains of human cultures), anthropological linguistics (the analysis of language in its cultural context), and cultural anthropology (the cross-cultural study of peoples living in the world today, be they in tribal, peasant, or urban societies).

ANT 2410 Cultural Anthropology SS AF (3) AS ANT
PR: ANT 2000 or DPR. Discussion of major methods of and orientations to the cross-cultural study of the world’s peoples. Representative case studies are used to demonstrate variations in human adaptations and to encourage an appreciation of diverse values and lifestyles.

ANT 3111 Biological Anthropology NS (3) AS ANT
PR: ANT 2000 or DPR. Non-human primates, the fossil record and the biology of races are surveyed in order to understand the human animal as a product of biocultural phenomena. Anatomy, genetics, culture and environment are emphasized. This course includes field work and the study of the environment and the cross-cultural view of the human species as adapting through biocultural means to life on this planet.

ANT 3101 Archaeology SS (3) AS ANT
PR: ANT 2000 or DPR. The cross-cultural study of human kind from its beginnings up to and including the historic period through the recovery, description, and analysis of the remains of past cultures and societies.

ANT 3610 Anthropological Linguistics SS (3) AS ANT
PR: ANT 2000 or DPR. The comparative study of language in its cultural context, especially emphasizing the role of language in the cultural interpretation of physical and social reality.

ANT 4034 Theories of Culture (3) AS ANT
PR: DPR. Senior standing with major in anthropology or equivalent. The major concepts that form the anthropological view of humanity are viewed in historical perspective. Basic ideas of the western philosophical tradition are analyzed from the Greeks to the 19th century when they became incorporated into the new discipline of anthropology. 20th century anthropological developments on these themes are considered.

ANT 4142 Old World Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe, Asia and Africa, from the earliest humans through the emergence of state-level societies in many parts of the Old World. The course will focus on comparative aspects of economic, social, political, and religious organization in the prehistoric Near East, Egypt, China, the Aegean, Europe and Africa.

ANT 4143 European Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe, from the first Palaeolithic inhabitants to the fall of Roman civilization. The course will focus on aspects of culture such as the relationship between social and economic questions such as the emergence of modern humans, the adoption of agriculture, the development of complex societies, and the rise of civilization.

ANT 4147 Environmental Archaeology (3) AS ANT
PR: ANT 3101 or DPR. This course examines environmental constraints on ancient human societies, and how human activities have impacted the environment in the last several thousand years. Presentations of the methods used to reconstruct prehistoric environments will be followed by case studies from Florida, Central and South America, Easter Island, the Mediterranean and the Near East.

ANT 4153 North American Archaeology (3) AS ANT
PR: ANT 3101 or DPR. An examination of the evidence regarding the human settlement of North America from its beginnings through the development of aboriginal culture to the period of European conquest. Emphasis on the comparative study of material culture at selected sites from all time periods. No field work is involved.

ANT 4158 Florida Archaeology (4) AS ANT
PR: ANT 3101, DPR. Culture history and culture process over 10,000 years from the time of the first people in Florida (Paleo-Indians) through the elaborate Weeden Island and Safety Harbor burial and temple mound cultures to the Spanish entrada and consequences of European conquest. Review of temporal and spatial relationships within the entire eastern U.S. and elsewhere. May be part of a summer (or other semester) field school, combined with Field Methods in Archaeology and Laboratory Methods in Archaeology.

ANT 4163 Mesoamerican Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The chronological sequence from its beginnings through Protohistoric development is described and analyzed. Cultures such as the Maya, Aztec, Mixtec, Zapotec, Olmec, and Toltec are included, with emphasis on the environmental setting and the relationship between cultural ecology and the growth of civilization.

ANT 4165 South American Archaeology (3) AS ANT
PR: ANT 3101 or DPR. Describes and analyzes the sequence of cultural development in prehistoric South America. Cultures such as the Inca, Chavin, Mochica, Wari, Chimú are included. Emphasis on the historical and the relationship between cultural ecology and the growth of civilization.

ANT 4172 Historical Archaeology 6A (3) AS ANT
PR: ANT 3101 or DPR. A survey and analysis of archaeology focusing on the history of the discipline. Laboratory research with data recovered from historic sites in addition to coursework.

ANT 4180 Laboratory Methods in Archaeology (2-4) AS ANT
PR: ANT 3101, DPR. Data and materials recovered from archaeological survey and excavation are processed in the laboratory; includes artifact cleaning, cataloging, identification, and analysis; soil flotation; reconstruction and conservation of artifacts, mapping, etc. May be offered as part of a summer (or other semester) field school. May be combined with Florida Archaeology and Field Methods in Archaeology.

ANT 4181 Museum Methods (4) AS ANT
PR: ANT 3101 and DPR. Design, preparation and installation of exhibits in the Department of Anthropology Teaching Exhibit Gallery. Emphasis on theory, research, design, and construction. Discussion of museum-related issues such as administration and
curation.

ANT 4183C Archaeological Science (4) AS ANT
PR: ANT 3101 or DPR. This course focuses on the application of scientific methods of analysis to archaeological materials including bone, stone, pottery, and metal. Methods include absolute dating, remote sensing, optical and SEM microscopy, elemental and isotopic analysis. Laboratory sections provide hands-on experience with a variety of archaeological materials and analytical methods.

ANT 4195 Fantastic Archaeology MW (3) AS ANT
PR: Junior standing or about, including the Lost Continent of Atlantis, Ancient Astronauts, Piltdown Man, Psychic Archaeology, Noah's Ark, and the Shroud of Turin will be examined, while emphasizing skills in critical thinking that have much wider applications and practical applications.

ANT 4231 Folklore 6A (3) AS ANT
PR: ANT 2410 or DPR. Focuses on cross-cultural methods and techniques regarding the collection, classification, and analysis of such materials as myths, jokes, games, and items of material culture. African (or African-derived), Oceanic and Native American societies are surveyed.

ANT 4241 Magic and Religion 6A MW (3) AS ANT
PR: ANT 2410 or DPR. The cross-cultural study of the social and cultural aspects of religion. Religious activities in traditional and modern societies will be discussed. Ritual behavior, religious practitioners and symbols of belief will be considered in light of their impact on the social, political or economic aspects of peoples' lives.

ANT 4285 Oral History (3) AS ANT
PR: ANT 2410 or DPR. A survey of the history, methods, and current applications of oral history research, primarily in the anthropological study of culture, but with reference to allied disciplines. Students will become familiar with oral history through intensive analysis of selected case studies as well as guided field projects.

ANT 4302 Gender in Cross-Cultural Perspective MW (3) AS ANT
PR: ANT 2410 or DPR. Focuses on theories, models and beliefs about male-female behaviors and interactions in human cultures throughout history and in various societies in the world today.

ANT 4312 North American Indians (3) AS ANT
PR: ANT 2410 or DPR. An examination of the evidence for the origin and antiquity of human beings in North America and of patterns of regional development until the period of contact with European colonists. Emphasis on varieties of ecological adaptation, social, political and religious systems, enculturation and worldview, folklore and visual art.

ANT 4316 Ethnic Diversity in the United States MW (3) AS ANT
PR: ANT 2410 or DPR. Special concerns include ethnic diversity in American society, historical and contemporary diversity in values, experiences, and lifestyles, and an examination of policies and problems affecting ethnic groups in the United States.

ANT 4323 Mexico and Central America (3) AS ANT
PR: ANT 2410 or DPR. Focuses on the history, contemporary values and interpersonal relationships, and patterns of rural and urban life in Mesoamerica. Guatemala and Mexico are emphasized.

ANT 4340 The Caribbean 6A MW (3) AS ANT
PR: ANT 2410 or DPR. Main themes include: the depopulation of the aboriginal population and the resettlement of the area via slavery, indenture, and migration; contemporary ethnic heterogeneity; economic problems of Third World microstates; development of a modern social and political consciousness. Religious diversity, music, the graphic arts, and the literature of the contemporary Caribbean will also be surveyed.

ANT 4390 Visual Anthropology (3) AS ANT
PR: ANT 2410 or DPR. The use of photographic techniques for the crosscultural recording and analysis of human activities. The study of ethnographic photography as both art and science, and the production of an anthropological study that expresses the goal of visual literacy. Review and evaluation of the uses of visual techniques and the evidence they provide to the social scientist.

ANT 4401 Exploring Cross-Cultural Diversity MW (3) AS ANT
For non-Anthropology majors only. This course will introduce students to anthropological perspectives which are useful in understanding the implications of cultural diversity related to changing demographic patterns within country as well as to increasing globalization.

ANT 4432 The Individual and Culture 6A MW (3) AS ANT
PR: ANT 2410 or DPR. The relationship between the individual and society is studied cross-culturally. Main themes include child-rearing practices, psychosomatic illness and curing. Discussion of theories and models of personality development with special reference to their applicability to the emerging field of cross-cultural mental health planning.

ANT 4442 Urban Life and Culture (3) AS ANT
PR: ANT 2410 or DPR. The cross-cultural study of urbanization, urbanism and human problems associated with metropolitan environments. Emphasis on the ethnography of city life and its relationship to the political, economic and social structures of urban research.

ANT 4462 Health, Illness, and Culture (3) AS ANT
PR: ANT 2410 or DPR. The study of health and human behavior in cross-cultural perspective. Main themes include: the impact of disease on the development of human culture, historical and comparative studies of curing practices; medical systems in their relationship to ideology. Emphasis on understanding the role of medicine, and the behavior of both practitioners and patients in modern societies.

ANT 4495 Methods in Cultural Research (3) AS ANT
PR: DPR. The stages in the development and execution of ethnological research are discussed and practiced. Literature search, hypothesis formation, selection of data collection techniques, elicitation of information, data analysis, and report presentation are stressed. Research design models from the case literature are studied and supervised research in the local community is designed and carried out.

ANT 4520 Forensic Anthropology (3) AS ANT
PR: ANT 2511 or DPR. A detailed overview of forensic anthropology, skeletal variation, techniques of determining sex, age, population affiliation, aspects of osteological individuality and identification, and personal analysis. Open to majors/minors only.

ANT 4586 Prehistoric Human Evolution NS (3) AS ANT
PR: ANT 2511 or DPR. A survey of the fossil record from the early primates through the ascent of Homo sapiens sapiens, focusing on the human lineage. Biocultural patterns and cultures of the past are also covered.

ANT 4587 Human Variation (3) AS ANT
PR: ANT 2511 or DPR. An overview of evolutionary and biological variations of human races. Anatomical, morphological, and physiological patterns are surveyed geographically. Cultural influences on racial biology are explored.

ANT 4590 Languaged and Culture 6A (3) AS ANT
PR: ANT 3610 or DPR. Examines the relationships between language and culture in cross-cultural perspective. Explores the extent to which languages shape the world views of their speakers. Emphasis on the nature and degree of fit between linguistics and other cultural systems of knowledge.

ANT 4701 Applied Anthropology (3) AS ANT
PR: ANT 2410 or DPR. A review of approaches applying the anthropological perspective to contemporary human problems. Particular emphasis placed on public policy issues in United States society. Discussion of the historical development of applied anthropology, problems of economic development of the Third World, and the ethics of applied research and intervention.

ANT 4750 Language and Social Interaction 6A (3) AS ANT
PR: ANT 3610 or DPR. Examines the role of language and other modes of communication in the social settings of speech communities. Students will focus on an in-depth examination of cross-cultural description and analysis of patterns of communication in ethnographic contexts.

ANT 4824 Archaeological Field Methods (4-12) AS ANT
PR: ANT 3101. DPR. Offered as all or part of a summer (or other semester) field session. May or may not be combined with Florida Archaeology and Laboratory Methods in Archaeology. Students learn appropriate methods of archaeological survey, excavation, data and materials recovery, recording, and processing.

ANT 4901 Directed Reading (1-4) AS ANT

ANT 4905 Individual Research (2-4) AS ANT
PR: DPR. S/U only. Individual guidance in a selected research project. Contract required prior to registration.

ANT 4995 Individual Topic in Anthropology (3) AS ANT
PR: DPR. Topics to be chosen by students and instructor permitting newly developing disciplinary special interests to be explored.

ANT 499C Honors Seminar (4) AS ANT
PR: ANT 3101, DPR. Open to juniors and seniors only. Offered in the fall semester only. Contract required prior to registration.

ANT 499D Honors Seminar in Anthropology (3) AS ANT

ANT 499E Senior Research (4) AS ANT
PR: Senior standing with major in anthropology. Through discussion of readings and student papers, students reexamine anthropological literature as a discipline and the integration of its branches and specialty fields. Students develop and articulate their current images of anthropology.
ANT 4970 Honors Thesis (3) AS  
PR: Admission to the honors program, completion of the honors seminar and DPR. S/U only. The student under the supervision of a faculty member will formalize, conduct, analyze, and report in writing a research project in anthropology.

ARA 1120 Modern Arabic I (4) AS WLE  
CR: ARA 1120L. An intensive study of basic skills: pronunciation, listening comprehension, speaking and some composition.

ARA 1120L Modern Arabic I Laboratory (1) AS WLE  
CR: ARA 1120L only. A laboratory designed to offer additional practice using various instructional technologies and media. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously.

ARA 1120 Modern Arabic II Laboratory (1) AS WLE  
CR: ARA 1120 or its equivalent. CR: ARA 1120L. A continuation of ARA 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

ARA 1121 Modern Arabic II Laboratory (1) AS WLE  
CR: ARA 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

ARA 2200 Modern Arabic III (4) AS WLE  
PR: ARA 1121 or the equivalent. For language students who intend to attain basic proficiency.

ARA 2201 Modern Arabic IV (4) AS WLE  
PR: ARA 2200 or the equivalent. Continuation of ARA 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

ARA 4905 Directed Study (1-5) AS WLE  
Departmental approval required. S/U only. Permits study options in Arabic not available in regularly scheduled curriculum at departmental discretion.

ARA 4930 Selected Topics (1-5) AS WLE  
Departmental approval required. Course permits classes in Arabic not available in the regularly scheduled curriculum at departmental discretion.

ARC 2001 Introduction to Architecture HP FA (3) AR ARC  
An introduction to the analysis and interpretation of the architecture and urban design of various cultures.

ARC 2131 Introduction to Architectural Design and Graphics FA (4) AR ARC  
An introduction to fundamental "critical thinking" and graphic communication skills in architecture.

ARC 4784 The City 6A MW (3) AR ARC  
This course examines the history of the city, as both idea and reality, with a particular focus on Western cities, and the 20th century. The course is open to undergraduates and students in the Graduate Architecture Program.

ARC 4931 Selected Topics in Architecture and Community Design (2-4) AR ARC  
Variable topics will be offered for pre-professional studies for students in the Liberal Studies Major/ALA Degree Program and as electives for other undergraduates.

ARC 5175 Computer Technology (3) AR ARC  
PR: CC. Introduction to the application of computer technology in current architectural practice. The exploration of available software, programs, and computer services for word processing, information handling, specification writing, feasibility analysis, cost estimating, economic performance and life cycle cost analysis, project management (network programming and analysis), computer graphics, computer aided design and drafting.

ARC 5216 The Building Arts (3) AR ARC  
PR: CC. Introduction to the man-made environment. The study and profession of architecture. The various facets of the process of shaping the built environment as it manifests itself in the different roles and specialization of the experts involved in the process, and in the various academic courses that prepare the architect for practice.

ARC 5256 Design Theory (3) AR ARC  
PR: DPR. Survey of major schools of thought in design theory, methods of design and problem-solving, and design research. The nature of the design activity and its recurring difficulties. The nature and different types of problems. Traditional approaches to problem-solving and design in architecture; recent systematic as well as intuitive approaches to problem-solving based on developments in other fields. Scientific method; the systems approach and design.

ARC 5361 Core Design I (9) AR ARC  
PR: CC. First of two semester Design Fundamentals/Design Graphics sequence focusing on design abstractions and analysis of the factors influencing conceptual design. Emphasis is placed on ordering principles, pattern recognition and utilization, and formal ground relationships. Development of a personal style, drawing as a means to design, and perceptual acuity is stressed.

ARC 5362 Core Design II (9) AR ARC  
PR: ARC 5361, CC. Second of a two semester Design Fundamentals/Design Graphics sequence focusing on synthesis of design concepts and application of ordering principles in architectural design. Emphasis is placed on developing an understanding and awareness of architectural elements and compositions. Students will examine the work of significant architects and use it as a basis for design exploration. Graphic documentation, diagramming, and model studies are stressed.

ARC 5587 Structures I (3) AR ARC  
PR: Calculus, Physics, and ARC 5470, CC. Review of static and mechanical principles of materials. Analysis and evaluation for appropriate selection of structural systems and elements. Analysis and design of timber and steel structures, based on moment, shear, and deflection. Fundamentals of wind and seismic design as they apply to wood and steel construction. Truss analysis, beam and column behavior.

ARC 5588 Structures II (3) AR ARC  

ARC 5599 Environmental Technology (4) AR ARC  
PR: Physics, ARC 5470, CC. Comprehensive review of mechanical, electrical, and plumbing systems for buildings. Energy utilization, heating and cooling, water delivery and waste removal, fire protection, illumination, transportation systems, and acoustics. Lab exercises include computer simulations, illumination studies, thermal performance studies.

ARC 5731 Architectural History I (3) AR ARC  
Overview of the built environment from prehistory through the Middle Ages. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context. Varieties of methodological approaches to the analysis of historical architecture. The focus will be on the built environment of Europe and the Mediterranean basin.

ARC 5732 Architectural History II (3) AR ARC  
Overview of the built environment from the Renaissance to the present. Buildings and cities in their geographical, political, aesthetic, social, technological, and economic context. Study of various methodological approaches to the analysis of historic architecture, and development of student’s own approach. Comprehensive review of mechanical, electrical, and plumbing systems for buildings. Energy utilization, heating and cooling, water delivery and waste removal, fire protection, illumination, transportation systems, and acoustics. Lab exercises include computer simulations, illumination studies, thermal performance studies.

ARC 5789 Modern Architecture History (3) AR ARC  
PR: CC. CI. Exploration of the philosophic, economic, aesthetic, social, historical and moral imperatives used by modern architects and their contemporaries in their architectural design. Study of significant architectural and urban design of various cultures.
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Department</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4200</td>
<td>Medieval Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. A comprehensive study of early Christian, Byzantine and Medieval painting, sculpture, architecture and manuscript illumination.</td>
</tr>
<tr>
<td>ARH 4301</td>
<td>Renaissance Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. A comprehensive study of Renaissance and Mannerist painting, sculpture and architecture in Italy and Northern Europe.</td>
</tr>
<tr>
<td>ARH 4318</td>
<td>Venetian Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. Major monuments of Venetian art are examined to elucidate the importance of Venice as the crossroads of cultural exchange between Islam, Byzantium, and the West, and the importance of Venetian art to the history of art and art criticism.</td>
</tr>
<tr>
<td>ARH 4350</td>
<td>Baroque and Rococo Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. A comprehensive study of the painting, sculpture and architecture in France, Italy, Spain and the Netherlands in the seventeenth and early eighteenth centuries.</td>
</tr>
<tr>
<td>ARH 4430</td>
<td>Nineteenth Century Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. A comprehensive study of nineteenth century painting, sculpture and architecture in America and Europe. Gender/multicultural issues and methodologies in 19th century art are emphasized.</td>
</tr>
<tr>
<td>ARH 4455</td>
<td>Modern Political Iconography</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. The course explores art in which political themes are considered to be the source and determinant of aesthetic decisions. The dominant iconographic theme is the iconography of revolution, rebellion, and other forms of political struggle in 20th Century art and film.</td>
</tr>
<tr>
<td>ARH 4520</td>
<td>African Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. A combination of survey, comparative study and in-depth analysis of African sculpture, mainly from West and Central Africa. Emphasis on diversity of forms and contexts, functions, symbolism and meanings.</td>
</tr>
<tr>
<td>ARH 4547</td>
<td>Buddhist Art</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. This course examines one important aspect of Asian artistic production. Buddhist Art begins in India and travels via the Himalayas and Southeast Asia to East Asia, touching on artistic expression of major principles and practices, changes in art as the religion comes in contact with pre-existing cultures, and modern artistic practice.</td>
</tr>
<tr>
<td>ARH 4710</td>
<td>History of Photography</td>
<td>(4)</td>
<td>MW ART</td>
<td>PR: DPR. Comprehensive overview of the history of photography from its inception to the present day with an emphasis on the relationship of photography to the visual arts and popular culture.</td>
</tr>
<tr>
<td>ARH 4721</td>
<td>History of Printmaking</td>
<td>(3)</td>
<td>VP ART</td>
<td>PR: DPR. The course examines the history of printmaking from the Middle Ages to contemporary times, with an emphasis on artmaking technology and research, cultural perspectives and theoretical/critical analytical capabilities. The course is open to majors and non-majors. It is not repeatable for credit.</td>
</tr>
<tr>
<td>ARH 4724</td>
<td>History of Graphic Design</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. This course surveys the design tradition and the graphic design discipline. Students will explore graphic styles from the turn of the century to contemporary works, highlighting the innovations of influential designers throughout history.</td>
</tr>
<tr>
<td>ARH 4790</td>
<td>Selected Topics in History of Film</td>
<td>(4)</td>
<td>VP ART</td>
<td>In-depth investigation of a selected period, development, or school in the history of film as an art.</td>
</tr>
<tr>
<td>ARH 4792</td>
<td>Critical Studies In Art History</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: DPR. Specialized intensive studies in art history. Specific subject matter varies. To be announced at each course offering.</td>
</tr>
<tr>
<td>ARH 4930</td>
<td>Art History: Selected Topics</td>
<td>(2-4)</td>
<td>VP ART</td>
<td>PR: Minimum 8 hours of art history at the undergraduate level or equivalent. CI. This course will explore issues central to the history and criticism of art through the rich visual culture of Paris. Themes include urban art and national identity, orientalism, the avant-garde and the role of the museum in the evolution of modern art.</td>
</tr>
<tr>
<td>ARH 4937</td>
<td>Seminar In The History Of Art History</td>
<td>(4)</td>
<td>VP ART</td>
<td>PR: Four courses in Art History at the 4000 level, DPR. An examination of the origins of Art History as a discipline and...</td>
</tr>
</tbody>
</table>
ART 2201C Fabrications I (3) VP ART
PR: CI. A course in which theories of modern artists and of critics and historians of Modernism are treated as a part of general cultural and intellectual history.

ARH 5795 Methods of Art History (4) VP ART
Must be taken during the student's first two semesters in the M.A. program. This course introduces students to various methods which art historians have used to analyze the form and content of individual works of art, and to various modes of historical explanation.

ARH 5797 Gallery and Museum Internship (2-6) VP ART
Students are eligible after completing one semester in the program. S/U only. Registration by contract only. By working in Bay Area museums or galleries, students will become familiar with various museological operations. Internships vary owing to the work being done in various museums, but possible areas of work include registration, installation, conversation, writing of grants, or museum education.

ARH 5833 The Atelier, Its Management and History (3) VP ART
This course will consider the history of printmaking and other forms of collaborative art production through the prism of the atelier and its management.

ARH 5835 Collections and Exhibition Management (3) VP ART
PR: ART Advisor's Approval. This course will introduce students to the basic principles of collections care and management and to the intellectual and practical tasks of preparing an exhibition. Sessions will include art handling, registration and condition reporting, preparing works of art for transit, exhibition standards for collections storage and exhibition, and the professional responsibilities of the curator.

ARH 5839 Problems in Museum Studies (3) VP ART
PR: ART Advisor's Approval. This course is designed as both an academic and theoretical course to introduce students to the museum profession and develop critical thinking skills required to solve problems in the rapidly changing typography of museums. Students will develop managerial and administrative skills as they meet with and discuss the job descriptions of curators, educators, collection managers, marketing professionals, exhibit designers, registrars, and fundraisers.

ART 2201C Fabrications I (3) VP ART
An introduction to basic visual arts studio concepts. Topics include the nature of art, the visual language of its form, modes of collaborative art production, and visual art theory. Studio problems supplemented by lecture and discussion. Emphasis on images of implied time and space.

ART 2203C Fabrications II (3) VP ART
PR: ART 2201C for majors. No prerequisites for non-majors. This course will synthesize and expand on the groundwork laid in Fabrications I, which is prerequisite for majors, but not for non-majors. Fabrications II will focus on the significance of meaning and how it is constructed visually by researching 3 phases; I - the personal in images, We - images of cultural ideas, and They - images produced through collaboration.

ART 2301C Beginning Drawing (3) VP ART
Projects exploring the methods, media, and concepts of drawing.

ART 2400C Beginning Printmaking (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ARH 2050 or ARH 2051. This course is designed as an introduction to the medium of printmaking. It concentrates on the technical production of various print media including: intaglio, relief, monoprint, and serigraphy (screen printing).

ART 2500C Beginning Painting (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ARH 2050 or ARH 2051. Projects in painting with emphasis on the exploration of methods and media and the development of individual concepts.

ART 2701C Beginning Sculpture (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ARH 2050 or ARH 2051. Projects in sculpture with emphasis on contemporary theory and issues, the development of individual concepts and the exploration of materials, tools and processes.

ART 2800C Beginning Ceramics (3) VP ART

ART 3222C Intermediate Electronic Media (3) VP ART
PR: Respective beginning level course. Majors only. An intermediate exploration of the issues and practices involved in the creation of experimental computer art. This course focuses on an interdisciplinary approach to electronic media while developing individual creative growth. Repeatable up to 15 hours.

ART 3310C Intermediate Drawing (3) VP ART
PR: Respective beginning level course. An extension of the skills and concepts introduced in Beginning Drawing with an emphasis on individual experimentation and the development of advanced critical and technical skills in the discipline. Repeatable up to 15 hours.

ART 3380 Selected Topics in Drawing (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C. This course is designed as both an introductory course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3380 Selected Topics in Drawing (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2400C, ART 3401C. Selected Topics in Drawing is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3401C Intermediate Printmaking (3) VP ART
PR: Respective beginning level course. This course concentrates on developing intermediate skills in printmaking with particular emphasis on conceptual topics. The course is intended for majors. Repeatable up to 15 hours.

ART 3460 Selected Topics in Printmaking (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2400C. This course is designed as both an introductory course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3465 Digital Printmaking (4) VP ART
PR: ART 2301C. Investigation of Printmaking Media including: monoprinting, collograph, relief printing and the dimensional print with emphasis on the development of individual concepts.

ART 3500C Intermediate Painting (3) VP ART
PR: Respective beginning level course. An extension of the skills and concepts introduced in Beginning Painting with an emphasis on individual experimentation and the development of advanced critical and technical skills in the discipline. Repeatable up to 15 hours.

ART 3550 Selected Topics in Painting (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2500C, ART 3530C. Selected Topics in Painting is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3610 Beginning Electronic Media (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ARH 2050 or ARH 2051. An introductory exploration of the issues and practices involved in the creation of experimental computer art. The course focuses on an interdisciplinary approach to electronic media. Available to majors and non-majors.

ART 3660 Selected Topics in Electronic Media (3) VP ART
PR: ART 2203C, ART 2301C, ART 3310C, ART 3610, ART 3322C. Selected Topics in Electronic Media is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3704C Intermediate Sculpture (3) VP ART
PR: Respective beginning level course. This course expands upon the principles and processes introduced in Beginning Sculpture, developing a higher level of technical competence and critical sophistication. Intermediate Sculpture is prerequisite to Multiples, Molds and Bronzecasting and to Site, Installation, and Performance. Repeatable up to 15 hours.

ART 3712C Multiples, Molds, and Bronzecasting (3) VP ART
PR: ART 2701C and PR: ART 3704C. Continued studies and projects in sculpture with an emphasis on the nature of multiples created through advanced mold making and bronzecasting. This course may not be repeated for credit. The conceptual implications of the multiple will be taught through reading, lecture, discussion and demonstration.

ART 3730C Selected Topics in Sculpture (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2701C, ART 3704C. Selected Topics in Printmaking is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 3758C Site, Installation, and Performance (3) VP ART
PR: ART 2701C and PR: ART 3704C. Continued studies and projects in sculpture with an emphasis on site-specific sculpture,
<table>
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<th>Department</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ART 3761C Intermediate Ceramics (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Recommended for Intermediate level in ceramics and emphasis on the exploration of methods and media. Repeatability up to 15 hours.</td>
</tr>
<tr>
<td>ART 3780 Selected Topics in Ceramics (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Selected topics in Ceramics providing focused exploration of content specific to the discipline. It further develops skills and critical discourse in the field. Majors only. Repeatability up to 15 hours.</td>
</tr>
<tr>
<td>ART 3935 Studio Techniques: Selected Projects (2) VP ART</td>
<td>2</td>
<td>VP ART</td>
<td>Restricted to studio majors. Offers studio students the opportunity to analyze their experiences as art majors and explore options available to visual artists upon completion of their degree.</td>
</tr>
<tr>
<td>ART 4320C Advanced Drawing (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Course is designed as an advanced drawing studio emphasizing control and meaning in visual imagery. The student is encouraged to work in a specific printing medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images. Repeatable.</td>
</tr>
<tr>
<td>ART 4402C Advanced Printmaking (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Course is designed as an advanced printmaking studio emphasizing control and meaning in visual imagery. The student is encouraged to work in a specific printing medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images. Repeatable.</td>
</tr>
<tr>
<td>ART 4504C Advanced Painting (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Course is designed as an advanced drawing studio emphasizing control and meaning in visual imagery. The student is encouraged to work in a specific printing medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images. Repeatable.</td>
</tr>
<tr>
<td>ART 4611 Advanced Electronic Media (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Course is designed as an advanced drawing studio emphasizing control and meaning in visual imagery. The student is encouraged to work in a specific printing medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images. Repeatable.</td>
</tr>
<tr>
<td>ART 4710C Sculpture II (4) VP ART</td>
<td>4</td>
<td>VP ART</td>
<td>Study of current 3-D issues in art with advanced self directed project to explore the development of a personal vocabulary in 3-D media.</td>
</tr>
<tr>
<td>ART 4752C Advanced Ceramics (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>Study of current 3-D issues in art with advanced self directed project to explore the development of a personal vocabulary in 3-D media.</td>
</tr>
<tr>
<td>ART 4806 Theme Studio (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>All preparation courses plus course in Studio Workshop I.</td>
</tr>
<tr>
<td>ART 4814 Paris Art Studio (3) VP ART</td>
<td>3</td>
<td>VP ART</td>
<td>All preparation courses plus course in Studio Workshop I.</td>
</tr>
<tr>
<td>ART 4900 Directed Reading (4) VP ART</td>
<td>4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4930 Selected Topics in Art (2-4) VP ART</td>
<td>2-4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4935 Studio Techniques: Selected Projects (2) VP ART</td>
<td>2</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4940 Extended Studies (1-4) VP ART</td>
<td>1-4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4952 Media Workshop: Design Production (3) VP ART</td>
<td>3</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4955 Directed Study (1-4) VP ART</td>
<td>1-4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ART 4990 Directed Reading (4) VP ART</td>
<td>4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ASH 3404 Modern China SS HP AF (4) AS HTY</td>
<td>4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ASN 3012 Japan Today SS (3) AS INT</td>
<td>3</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ASN 3014 China Today AF (3) AS INT</td>
<td>3</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>ASN 3030 The Middle East AF (3) AS INT</td>
<td>3</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>AST 2005 Astronomy of the Solar System NS (4) AS AST</td>
<td>4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>AST 2006 Stellar Astronomy and Cosmology NS (4) AS AST</td>
<td>4</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
<tr>
<td>AST 2032C Illustrative Astronomy (3) AS AST</td>
<td>3</td>
<td>CI, DPR</td>
<td>Recommended for advanced research in the art field. Registration by contract only.</td>
</tr>
</tbody>
</table>
Constellations, use of small telescopes, etc., apparent motions of celestial objects, meteors and meteorites, seasons, weather. Current events in the space program. Planetarium and open sky demonstrations.

**AST 3033 Contemporary Thinking in Astronomy (3) AS CHM**
PR: Junior or Senior Standing or CI. Seminar designed to assist the layman, with no scientific background, in comprehending contemporary developments in Astronomy. Necessary background material is provided by the instructor and a text. Topics covered in recent years include the space program, pulsars, x-rays, astronomy, black holes, extra-terrestrial life, interacting galaxies, cosmology.

**AST 3044 Archaeoastronomy (3) AS AST**
PR: Jr. or Sr. Standing or CI. Astronomical concepts and observation techniques used by prehistoric/ancient peoples for detecting change of seasons, constructing calendars, predicting eclipses, etc. Particular attention is given to Stonehenge, and to works of N.A. Indians, the Maya and Aztecs, and the Egyptians.

**AST 3652 Navigation (3) AS AST**
PR: Some knowledge of geometry, algebra, and trigonometry. Timekeeping, use of sextant, constellations, celestial navigation with minimum equipment, spherical astronomy.

**AST 3930 Selected Topics in Astronomy (1-4) AS AST**
PR: CI. Course content will depend upon the interest of the faculty member and student demand.

**AST 5506 Introduction to Celestial Mechanics (3) AS CHM**
PR: MAC 2313 or MAC 2283 and some knowledge of differential equations, or CI. The two-body problem, introduction to Hamiltonian systems and canonical variables, equilibrium solutions and stability, elements of perturbation theory.

**AST 5932 Selected Topics in Astronomy (1-5) AS AST**
PR: Senior or advanced junior standing or CI. Intensive coverage of special topics to suit needs of advanced students.

**BCH 3023 Introductory Biochemistry (3) AS CHM**
PR: CHM 2211 or CHM 2211L and BSC 2010. Introduction to the chemistry and intermediary metabolism of biologically important substances. Lec.-lab.

**BCH 3023L Basic Biochemistry Laboratory (2) AS CHM**
CR: BCH 3023. Practical work in determination and characterization of important biomolecules. Lec.-lab.

**BCH 4034 Advanced Biochemistry (3) AS CHM**
PR: BCH 3023. An advanced undergraduate course emphasizing such topics as metabolic regulation, DNA and RNA structure and function, receptors, channels, antibodies, and contraction.

**BCH 5045 Biochemistry Core Course (3) AS CHM**
PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. A one-semester survey course in biochemistry for graduate students in chemistry, biology, and other appropriate departments. Well-qualified undergraduates may take this course.

**BCH 5105 Biochemistry Laboratory Rotations (1-3) AS CHM**
A course in which first year graduate students rotate through selected professor’s laboratories to learn techniques, become familiar with ongoing research in the Department and facilitate the selection of a mentor.

**BME 5000 Theory and Design of Bioprocesses (3) EN ECH**
PR: Senior standing in engineering or CI. Open to non-engineering students with CI. Introduction to biomedical engineering, including human subject material and energy balances, biomaterials, biocompatibility, cell level and organ level modeling, prosthetic devices, and clinical engineering.

**BME 5006 Theory and Design of Bioprocesses (3) EN ECH**
PR: Senior standing in engineering or CI. Open to majors and non-majors with CI. Introduction to biotechnology, including applied microbiology, enzyme technology, biomass production, bioreactor design, and transport processes in biologically concurrent systems.

**BME 5040 Pharmaceutical Engineering (2) EN ECH**
PR: Senior or graduate standing in engineering or CI. Introduction to pharmaceutical engineering, including dosage forms (tablets, capsules, powders, liquids, liquids, solid formulations, and aerosols), excipients, regulatory issues, clinical studies, and good manufacturing practices.

**BME 5910 Directed Research in Bioengineering (1-3) EN ECH**
PR: CI. Directed research in an area of biomedical engineering or engineering biotechnology.

**BME 5937 Selected Topics in Biomedical Engineering (1-3) EN ECH**
PR: Senior or GS standing in Engineering or CI. Open to non-engineering students with CI. Selected topics in biomedical engineering, including biomedical engineering, biomedical materials, biodynamics of circulation, separation processes in biomedical systems, and artificial organ systems. May be taken by non-engineering students with CI. Repeatable as subjects interest demands.

**BMS 4402 Principles Of Human Pharmacology NS (3) MD MSG**
Not available on S/U basis. Pharmacodynamics (effects), pharmacokinetics (absorption, distribution, metabolism, excretion) and side effects/toxicity of drugs. Designed to provide basic understanding of mechanism of drug action resulting from modifying biologic processes.

**BMS 5190 Anatomy by Diagnostic Testing (1-20) MD MSG**
Describing normal human anatomy in three dimensions (frontal, coronal, and axial), using contrast medical and imaging modalities available for diagnostic radiologists. Course will be oriented to organ systems describing anatomy of the organ and its vasculature and structural anatomy. It will include digital llection series and a standing display of images for self-studies. Plain radiographs, contrast studies of gastrointestinal and urinary tract, arteriograms, computed tomograms, magnetic resonance, and ultrasound scans of body organs will be displayed.

**BOT 3373C Vascular Plants: Form and Function (4) AS BIO**

**BOT 3850C Medical Botany (3) AS BIO**
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2210. Study of agents that are produced by plants and that are toxic or psychoactive in human beings or are useful as remedies.

**BOT 4152C Field Botany (3) AS BIO**
PR: BOT 3373C. Identification and classification of native and naturalized flowering plants of Florida including historical, climatic, and floristic aspects of plant communities. Conducted largely in the field.

**BOT 4223C Plant Anatomy (3) AS BIO**
PR: BOT 3373C. Comparative studies of tissue and organ systems of loss and present-day vascular plants. Functional and phylogenetic aspects stressed. Lec.-lab.

**BOT 4434C Mycology (3) AS BIO**
PR: BOT 3373C or MCB 3200C. A survey of the fungi with emphasis on their taxonomy, morphology, physiology and economic importance. Lec.-lab.

**BOT 4503 Plant Physiology (3) AS BIO**
PR: BOT 3373C, PCB 3023, PCB 3030, or PCB 3063. Fundamental activities of plants; absorption, translocation, respiration, metabolism, growth, and related phenomena.

**BOT 4503L Plant Physiology Laboratory (1) AS BIO**
CP: BOT 4503. Laboratory portion of Plant Physiology.

**BOT 4810C Economic Botany (3) AS BIO**
PR: BOT 3373C. Study of the uses of plants by man for food, chemicals, fibers, and medicines.

**BOT 4950C Marine Botany (3) AS BIO**
PR: BOT 3373C, PCB 3043 or CI. A field course in marine plants with emphasis on ecology and functional morphology. Field work will stress the ecological aspects of plants in a subtropical marine environment in Florida. Lec.-lab.

**BOT 5725C Evolution of Flowering Plants (3) AS BIO**
PR: BOT 3373C and either BOT 4152C or BOT 4713C or CI. A study of the evolution and phylogeny of the Angiosperms; the origin and nature of early angiosperms, “primitive” angiosperms today; evolutionary processes leading to the origin of genera, families and orders, trends of specialization in the angiosperms; phylogenetic analysis, cladistics, traditional approaches, new approaches; readings from the current and historical literature. Lec./Lab.

**BSC 1005 Principles of Biology For Non-Majors NS (3) AS BIO**
No credit for Biology majors. Lectures and demonstrations of selected biological principles for students usually taught by television.

**BSC 2010 Biology I - Cellular Processes NS (3) AS BIO**
CP: BSC 2010L and CHM 2045. The course is designed for majors and has a laboratory associated with the lecture. An analysis of biochemical systems at the cellular and subcellular levels: cell structure and function, respiration, photosynthesis, mitosis and meiosis, genetics and gene expression.

**BSC 2010L Biology I - Cellular Processes Laboratory (1) AS BIO**
CR: BSC 2010. Laboratory portion of Biology I - Cellular Processes relating to cellular and subcellular structure and function. Mitosis, meiosis, and Mendelian genetics will be stressed.

**BSC 2011 Biology II - Diversity NS (3) AS BIO**

**BSC 2011L Biology II Diversity Laboratory (1) AS BIO**
CR: BSC 211. Laboratory portion of Biology II Diversity relating
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BSC 2022</td>
<td>Biology of Aging</td>
<td>NS (3)</td>
<td>AS BIO</td>
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<td>BSC 2050</td>
<td>Environment NS (3)</td>
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<tr>
<td>BSC 2030</td>
<td>Save The Planet: Environmental Sciences</td>
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<tr>
<td>BSC 2053</td>
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<tr>
<td>BSC 2093C</td>
<td>Marine Biology</td>
<td>3</td>
<td>AS BIO</td>
</tr>
<tr>
<td>BSC 2094C</td>
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<tr>
<td>BSC 2035</td>
<td>Sex and Today's World</td>
<td>NS (3)</td>
<td>AS BIO</td>
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<tr>
<td>BSC 2010</td>
<td>Advanced Marine Biology</td>
<td>4</td>
<td>AS BIO</td>
</tr>
<tr>
<td>BSC 20910</td>
<td>Field and Laboratory Work</td>
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<td>AS BIO</td>
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<tr>
<td>BSC 2032L</td>
<td>Seminar in Marine Biology</td>
<td>3</td>
<td>AS BIO</td>
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<tr>
<td>BSC 20970</td>
<td>Seminar in Marine Biology</td>
<td>(1-3)</td>
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<tr>
<td>BTE 4401</td>
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<td>BTE 4909</td>
<td>Directed Study</td>
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<tr>
<td>BTE 4936</td>
<td>Senior Seminar</td>
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<tr>
<td>BTE 5171</td>
<td>Curriculum Construction</td>
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<tr>
<td>BUL 5320</td>
<td>Law and Business</td>
<td>I (3)</td>
<td>BA GBA</td>
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<tr>
<td>BUL 5321</td>
<td>Law and Business II</td>
<td>(3)</td>
<td>BA GBA</td>
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<tr>
<td>BUL 5332</td>
<td>Law and the Accountant</td>
<td>(3)</td>
<td>BA GBA</td>
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<tr>
<td>BUL 5340</td>
<td>Digital Image Processing</td>
<td>(3)</td>
<td>EN ESB</td>
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<tr>
<td>BUL 5625</td>
<td>Introduction to Artificial Intelligence</td>
<td>(3)</td>
<td>EN ESB</td>
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<tr>
<td>CBH 4004</td>
<td>Comparative Psychology</td>
<td>(3)</td>
<td>AS PSY</td>
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<tr>
<td>CEE 5035</td>
<td>Construction Management</td>
<td>and Planning</td>
<td>(3)</td>
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**BSC 2022 Biology of Aging**
An introduction to the basic biology of aging. Emphasis will be placed on understanding basic principles of biology relevant to time and the aging process which begins at birth. May be taken by majors for free elective credit.

**BSC 2050 Environment NS**
Credit will be given for BSC 2030 or BSC 2050, but not both. The application of basic scientific principles to global environmental problems; how human activities impact the environment. May be taken by majors for free elective credit.

**BSC 2035 Sex and Today’s World NS**
The application of basic biological principles to female and male sexual behavior and reproduction; current social problems are treated from a biological perspective. May be taken by majors for free elective credit.

**BSC 2053 Human Anatomy and Physiology I**
Pr: BSC 2010, BSC 2010L, and BSC 211, BSC 211L. This course is the first half of a two-semester series introducing the structure and function of the human body’s major organ systems. Cellular and cardiac physiology, nervous, endocrine, skeletal, and muscular systems will be covered. May be taken by Department majors for free elective credit only.

**BSC 2093C Marine Biology**
Pr: BSC 2010, BSC 2010L, BSC 211, BSC 211L. A survey of the marine environment, the types of organisms found inhabiting a variety of marine habitats, and the adaptations of the organisms to those habitats. Emphasis is placed on shallow water Florida environments.

**BSC 4057 Environmental Issues MW**
Not major's credit. Study of biological, economic, ethical, legal, political and social issues relating to current environmental problems.

**BSC 4313C Advanced Marine Biology**
Pr: BSC 2010, BSC 2010L, BSC 211, BSC 211L. This course is the second half of a two-semester series introducing the structure and function of the human body’s major organ systems. The following body systems will be covered: circulatory, lymphatic, immune, respiratory, digestive, urinary, and reproductive. May be taken by Department majors for free elective credit only.

**BSC 4936 Seminar in Marine Biology**
Please refer to the course description for more information.

**BTE 4401 Special Teaching Methods**
Pr: Successful completion of BE competencies. Methods, techniques, and materials for skill development.

**BTE 4909 Directed Study**
Pr: Senior standing. To extend competency in teaching field.

**BTE 4936 Senior Seminar**
Pr: CI. S/U only. May be taken by majors for free elective credit.

**BTE 5171 Curriculum Construction**
Pr: EEL 4851C or GS. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow, socialization, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction.

**BUL 5320 Law and Business**
Pr: BUL 3320. Legal problems in marketing of goods, nature of property, sales of personal property, securing of credit granted, nature and use of negotiable instruments.

**BUL 5332 Law and the Accountant**
Pr: BUL 3320 or CI. A comprehensive study of commercial law as it affects the practice of accounting.

**BUL 5682 Expert and Intelligent Systems**
Pr: EEL 4851C or GS. Basic concepts, tools, and techniques used to produce and study intelligent behavior. Organizing knowledge, exploiting constraints, searching spaces, understanding natural languages, and problem solving strategies.

**CBH 4004 Comparative Psychology**
Pr: PSY 3213 with a grade of C or better or CI. The study of the evolution of behavior, similarities, and differences in capacities for environmental adjustment and for behavioral organization among important types of living beings.

**CEE 5035 Construction Management**
Pr: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction.

**CEE 5035 Construction Management & Planning**
Pr: EGN 3613C. Fundamentals of construction management.

**CCE 5035 Construction Management & Planning**
Pr: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction.
CCJ 3003 Crime and Justice in America SS (4) AS CJP
May be taken by both majors and non-majors for credit. This course is a non-technical survey of the nature of crime in the United States and the ways in which our society seeks to deal with both actual and perceived threats of crime.
CCJ 3024 Survey of the Criminal Justice System SS (3) AS CJP
An introduction to the structure and operation of law enforcement, the courts, and corrections. Also includes brief examination of the media and crime, and crime and the mass media.
CCJ 3610 Theories of Criminal Behavior (3) AS CJP
PR: Junior standing. CCJ 3024 or CI. Provides a basic understanding of the complex factors related to crime, with concentration on principal theoretical approaches to the explanation of crime.
CCJ 3621 Patterns of Criminal Behavior (3) AS CJP
PR: Junior standing. Reviews the nature and extent of the crime problem. The course will concentrate on major patterns of offender behavior including crimes against the person, property crimes, violent crimes, economic/white collar offense, syndicated (organized) crimes, consensual crimes, female crime, political crime, and will examine criminal career data.
CCJ 3701 Research Methods in Criminal Justice I (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Introduces the student to some of the fundamentals of knowledge-generating processes in criminal justice.
CCJ 4450 Criminal Justice Administration (3) AS CJP
PR: Junior standing, CJE 4114 or CJT 4100 or CI. This course is designed to provide an in-depth examination of both the practical and theoretical aspects of the administration of criminal justice agencies. The major focus will be on law enforcement and correctional agencies.
CCJ 4604 Abnormal Behavior and Criminality (3) AS CJP
PR: Junior standing, CCJ 3610 or CI. A systematic introduction to the relationship between mental illness and criminality, with focus on psychiatric labeling of deviant behavior and its implications for the handling of the criminal offender.
CCJ 4700 Statistical Research Methods in Criminal Justice II (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Beginning with the scientific method, the tools commonly used to analyze criminal justice data will be emphasized. Recommended for students who intend to continue their education beyond the B.A. Every student attending the MA program in CCJ at USF.
CCJ 4910 Directed Research (1-3) AS CJP
PR: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. S/U only. (a) Students wishing to enroll must make arrangements with a faculty member during the semester prior to actually taking the course. (b) A minimum of four 1 CCJ courses must have been completed satisfactorily prior to enrollment. (c) Final examination will be given to Criminal justice majors. (d) Individual faculty members may add additional requirements at their discretion. (e) No more than six hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours required for the major. This course is specifically designed to enable advanced students the opportunity to do in-depth independent work in the area of criminal justice. Each student will be under the close supervision of a faculty member of the program.
CCJ 4910 Directed Research (1-3) AS CJP
PR: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. S/U only. (a) Students wishing to enroll must make arrangements with a faculty member during the semester prior to actually taking the course. (b) A minimum of four 1 CCJ courses must have been completed satisfactorily prior to enrollment. (c) Final examination will be given to Criminal justice majors. (d) Individual faculty members may add additional requirements at their discretion. (e) No more than six hours of CCJ 4900, CCJ 4910 or any combination of the two will be accepted toward the minimum number of hours required for the major. This course is specifically designed to enable advanced students the opportunity to do in-depth independent work in the area of criminal justice. Each student will be under the close supervision of a faculty member of the program.
CCJ 4930 Critical Issues in Policing (3) AS CJP
PR: Junior standing, CCJ 3024 or CJE 4114 or CI. Focuses on some of the most critical issues in law enforcement today including: understanding and controlling police use of deadly force; police deviation; police prejudice and discrimination; victimization-prevalence; police officers; substance abuse by police officers; and administrative review of alleged police brutality.
CCJ 4933 Selected Topics in Criminology (3) AS CJP
PR: Junior standing, CCJ 3024, CCJ 3621, CCJ 3610 or CI. Lecture course. Topic varies and is designed to address a wide variety of issues in criminology and criminal justice. Open to non-majors with CI.
CCJ 4934 Seminar in Criminology 6A MW (3) AS CJP
PR: Senior standing, CCJ 3024, CCJ 3621, CCJ 3610 and CI. Topics to be appropriate for the in-depth study and discussion of the relationships among culture, gender, ethics, age, society, and criminal behavior. Such examinations may include the options the criminal justice does (or does not) have to deal with these interactions, and the ethics and efficacy of the system's response. Open to non-majors with CI.
CCJ 4940 Internship For Criminal Justice Majors (3) AS CJP
PR: Senior standing, CCJ 3024, CCJ 3610, CCJ 3621. S/U only. No more than 9 hours of CCJ 4940 will be accepted toward the elective hours required for the major. The internship will consist of placement with one or more of the agencies comprising the criminal justice system. This course will enable the students to gain meaningful field experience related to their future careers. The three-hour block of credit will require a minimum of ten hours of work per week during a fall or spring term, fifteen hours per week in summer, within the host agencies in addition to any written work or reading assignments. On requirements for the B.A. degree in Criminology for the number of hours required.
CDA 3101 Computer Organization for Information Technology (3) US SS
PR: Any Physics course or CI. Elements of the computer are discussed in terms of the physical and conceptual design of memory, processors, busses and I/O elements. Organization of the system is cast in a meta-language that captures the logical and physical nature of the computer. The student will be given the basic concepts to handle common computing problems.
CDA 3303 Computer Organization (3) EN ESB
PR: PHY 2049 or PHY 2054 and DPR. Introduction to computer hardware, logic elements and Boolean algebra, computer arithmetic, the central processing unit, assembly language programming, input/output, and memory.
CDA 3201 Computer Logic and Design (3) EN ESB
PR: CDA 3103, COP 3514; CR: CDA 3201L. Advanced coverage of Boolean Algebra, introduction to minimization of combinational logic circuits, analysis and synthesis of sequential circuits, testing of logic circuits, and programmable logic devices.
CDA 3201L Computer Logic Design Lab (1) EN ESB
CR: CDA 3201.
CDA 4100 Computer Organization and Architecture (3) EN ESB
PR: EEL 4705. Elements of computer systems; processors, memories and switches. Register transfer representation of a computer. ALUs and their implementation. The control unit. Memory and I/O. Hardware support of operation system functions.
CDA 4203 Computer System Design (3) EN ESB
PR: CDA 3201, CDA 3201L. Design Methods, Top-down design, Building Blocks, instruction and addressing models, minicomputer design, interfacing.
CDA 4203L Computer System Design Lab (1) EN ESB
CR: CDA 4203. This lab introduces the student to the concept of system design. Several projects are given including building timing circuits, memory-based and communication circuits, and microcomputer-based designs.
CDA 4205 Computer Architecture (3) EN ESB
PR: CDA 3201, CDA 3201L. Principles of the design of computer systems, processors, memories, and switches. Consideration of the register transfer representation of a computer, ALUs and their implementation, control units, memory and I/O, and the hardware support of operation systems.
CEG 4011 Geotechnical Engineering I (3) EN EGS
PR: EGN 3353, EGN 3331. Fundamental and experimental concepts in soil mechanics, laws of soil properties, soil moisture, soil structure, and shear strength.
CEG 4011L Geotechnical Laboratory (1) EN EGS
CR: CEG 4011. Demonstrates and experiments verifying theoretical basics of Geotechnical Engineering. One hour lecture and two laboratory hours per week.
CEG 4012 Geotechnical Engineering II (3) EN EGS
PR: CEG 4011. Design of retaining walls, earth slopes, foundations for building settlement, soil stabilization and foundations subjected to dynamic loads. Computer applications to soil mechanics will be covered.
CEG 4850 Capstone Geotechnical/Transportation Design MW (3) EN EGS
PR: CEG 4011, TTE 4004. A capstone geotechnical/transportation design experience for seniors in Civil and Environmental Engineering. Design of embankment and pavement bases. Comprehensive surface streets, open highway intersection and...
site design involving functional design, facility sizing, complete alignments and coordination, plan preparation, site layout and design, quantity summarization, bid table planning and specification preparation.

CEG 5115 Foundation Engineering (3) EN EGX
PR: CEG 4011 or CI. Design of shallow foundations, cantilevered and anchored retaining walls, pilings, drilled piers and special foundations. Computer applications to geotechnical engineering are covered.

CEG 5205 Laboratory Testing for Geotechnical Engineers (3) EN EGX
PR: CEG 4011 or CI. Both routine and advanced forms of soil testing are covered. Emphasis is placed on procedures and application of results to design.

CEN 3722 Human Computer Interfaces for Information Technology (3) US EIT
Human-Computer Interface is the study of people, computer technology and the ways these influence each other. The basic foundations of HCI in terms of psychology, computer systems and their integration into design practice are discussed in the course.

CEN 4012 Software System Development (3) EN ESB
PR: EEL 4851C. Consideration of object methodology and object oriented programming. Team analysis, design, and development of complex software systems using software development tools.

CEN 4020 Software Engineering (3) EN ESB
PR: EEL 4851C. An overview of software engineering techniques for producing high quality software. Student will participate in a software development team.

CEN 4031 Software Engineering Concepts for Information Technology (3) US EIT
PR: EEL 4854 or CI. Concepts associated with production of high quality software through the use of software engineering concepts and practices are covered. In addition to conceptual presentations, students are required to participate in software development team projects.

CEN 4721 User Interface Design (3) EN ESB
PR: EEL 4853C. An examination of factors influencing the usability of a computer system. Topics include input and output devices, graphic and multi-media interfaces, formats for interaction/communication between computer and user, and the evaluation of usability.

CES 3102 Structures I (3) EN EGX
PR: EGN 3331. Analysis of simple structural systems, both determinate and indeterminate. Moment area theorems; influence lines; introduction to steel design.

CES 4141 Finite Element Analysis I (3) EN EGX

CES 4561 Computer Aided Structural Design (3) EN EGX
PR: CES 4141. Computer aided structural analysis and design using existing finite element program, static dynamic loading.

CES 4605 Concepts of Steel Design (3) EN EGX
PR: CES 3102. Introduction to steel design and AISC Manual of Steel Construction: Design of tension members; compression members; beams; beam columns; and bolted, welded, and riveted connections.

CES 4702 Concepts of Concrete Design (3) EN EGX
PR: CES 3102. Introduction to concrete design and the ACI Building Code Requirements for reinforced concrete: Design of flexural reinforcement in beams and slabs, design of shear reinforcement, design of concrete columns, and design of steel beams.

CES 4820C Timber and Masonry Design (3) EN EGX
PR: CES 3102, CES 4702. Fundamentals of timber design including beams, columns, connections and formwork. Introduction to masonry design including design of beams, walls, columns, and pilasters.

CES 5105C Advanced Mechanics of Materials I (3) EN EGX
PR: EGN 3331, MAP 2302 Analytical study of the mechanical behavior of deformable solids. Basic concepts, stress and strain transformations, special topics in beams, theory of elasticity, criteria of failure, beams on elastic foundation.

CES 5209 Structural Dynamics (3) EN EGX
PR: CES 3102, EGN 3321. Behavior of structural components and systems when subjected to periodic dynamic loads.

CES 5715C Prestressed Concrete (3) EN EGX
PR: CI, majors only. Fundamental principles of prestressing; calculation of losses; stress analysis and design of simple beams for flexure and shear. Examples of pressures applications.

CGN 3021L Civil Engineering Laboratory (2) EN EGX
PR: CES 3102, EGN 3353, EGN 3365. A laboratory experience in departmental facilities including the subject areas of materials, fluids, environmental engineering, and computer assisted data acquisition.

CGN 4122 Professional and Ethical Issues in Engineering MW (3) EN EGX
The professional and ethical responsibility of engineers. The legal and ethical responsibilities of engineers in the preparation of contracts and specification. The ethics of engineer-client agreements.

CGN 4851C Concrete Construction Materials (3) EN EGX
PR: EGN 3365. Classifications and production of cements. Design and testing of concrete mixes to produce desired properties.

CGN 4995 Independent Study (1-5) EN EGX
PR: CC. SU only. Specialized independent study determined by the students’ needs and interests.

CGN 4911 Research in Civil Engineering and Environmental Engineering (1-4) EN EGX
PR: CC.

CGN 4914 Senior Project (2-5) EN EGX
PR: CI. Problem-solving experience and training for seniors in research and/or design projects. Written final reports are required.

CGN 4933 Special Topics in Civil and Environmental Engineering (1-5) EN EGX
PR: CI. New technical topics of interest to civil engineering students.

CGN 5933 Special Topics in Civil Engineering and Mechanics (1-5) EN EGX
PR: CI. New technical topics of interest to civil engineering students.

CGS 2060 Introduction to Computers and Programming in Basic 6A (3) EN ESB
No credit for Engineering Majors. An overview of computer systems and their role in society. Survey of the evolution of computer software and hardware technology with emphasis on current applications. Introduction to programming using the BASIC language.

CGS 2062 Computers And Society (3) EN ESB
No credit for Engineering Majors. For non-engineering majors only. This computer literacy course covers the fundamentals of hardware, software, and programming languages, presents a broad overview of data processing concepts, problems and applications for students with little or no computing background.

CGS 2100 Computers In Business (3) BA QMB
A study of the use and impact of computers in all areas of business organizations. Course includes hands-on experience and the use of software packages for business analysis.

CGS 3414 Problem Solving Using Pascal or C 6A (3) AS MTH
CP: MAS 3105. Introduction to Pascal or C with special emphasis on its applications for mathematicians. Iterations and recursions. Header files and macros. C libraries. Structuring data. File I/O.

CHI 1120 Modern Chinese I (4) AS WLE
CHI 1120L Modern Chinese I Lab (1) EN EGX
A rich, intensive study of basic skills: pronunciation, listening, comprehension, speaking, and some composition.
CHI 120L Modern Chinese I Laboratory (1) AS WLE
PR: CHI 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.

CHI 121L Modern Chinese II Laboratory (1) AS WLE
PR: CHI 121L or equivalent. A continuation of CHI 121L. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

CHI 2200 Modern Chinese III (4) AS WLE
PR: CHI 121L or the equivalent. For language students who intend to attain basic proficiency.

CHI 2201 Modern Chinese IV (4) AS WLE
PR: CHI 2200 or the equivalent. Continuation of CHI 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

CHM 2021 Chemistry For Today NS (4) AS CHM
PR: High school chemistry and mathematics including algebra are recommended. No credit for science majors. An introduction to the principles and applications of modern chemistry including the properties of matter, structural views of matter and reactions, quantitative relations in chemical reactions, technological aspects and societal impact.

CHM 230 Introduction to General, Organic and Biochemistry I (4) AS CHM
No credit for science majors. Fundamental concepts of general, organic, and biological chemistry.

CHM 245 General Chemistry I NS (3) AS CHM
PR: One year of high school chemistry and two years of high school mathematics including algebra; or, completion of CHM 2040 with grade of C or better. Principles and applications of chemistry including properties of substances and reactions, thermochemistry, atomic-molecular structure and bonding, periodic properties of elements and compounds.

CHM 245L General Chemistry I Laboratory (1) AS CHM
CP: CHM 2045. Laboratory portion of General Chemistry I. Introduction to laboratory techniques; study of properties of elements and compounds; synthesis and analysis of natural and commercial materials.

CHM 246 General Chemistry II NS (3) AS CHM
PR: CHM 245 or CHM 2405L or equivalent. Continuation of General Chemistry. Lec.-dis.

CHM 246L General Chemistry II Laboratory (1) AS CHM
PR: CHM 2404. Laboratory portion of General Chemistry II. Continuation of chemistry laboratory.

CHM 320 Organic Chemistry (4) AS CHM

CHM 3210 Organic Chemistry I (3) AS CHM

CHM 3210L Organic Chemistry Laboratory I (2) AS CHM
CP: CHM 2200 or CHM 2210. Laboratory portion of Organic Chemistry I. Introduction of organic laboratory principles and techniques.

CHM 3211 Organic Chemistry II (3) AS CHM
PR: CHM 2210 or equivalent. Continuation of organic chemistry. Lecture.

CHM 3211L Organic Chemistry Laboratory II (2) AS CHM

CHM 323 Selected Topics in Chemistry (3) AS CHM
Topics of interest to students relating to chemistry and other sciences.

CHM 3120C Elementary Analytical Chemistry (4) AS CHM

CHM 3400 Elementary Physical Chemistry I (3) AS CHM
PR: CHM 2046, CHM 2046L, MAC 2281 or MAC 2311, PHY 2054, PHY 2048L. Introduction to thermodynamics. Properties of solutions with emphasis on biological applications.

CHM 3401 Elementary Physical Chemistry II (3) AS CHM
PR: CHM 3400, Reaction kinetics, enzyme kinetics, macromolecular systems, radiochemistry, molecular spectroscopy, and chemical bonding.

CHM 3402L Elementary Physical Chemistry Laboratory (1) AS CHM
PR: CHM 3120C. CR: CHM 3400 and/or CHM 3401. A physical chemistry laboratory with emphasis on modern techniques and instrumentation. Lab.

CHM 3610 Intermediate Inorganic Chemistry (3) AS CHM
PR: CHM 2210, CHM 2046, CHM 2046L. Fundamental principles of inorganic chemistry including atomic structure, bonding theories and structural consequences, transition metal chemistry and illustrative laboratory experience. Lec.-lab.

CHM 3610L Intermediate Inorganic Chemistry Laboratory (1) AS CHM
PR: Two semesters of general chemistry lecture and lab. CR: CHM 3610. Illustrative laboratory work concerning the fundamental principles of inorganic chemistry including atomic structure, bonding, transition metal chemistry, structural consequences and spectroscopic methods.

CHM 4060 Use of the Chemical Literature (1) AS CHM
Discussions and assignments using abstracts, bibliographies, indices, encyclopedias, journals, patent files, electronic databases, and other information sources to obtain chemical and technical material and including written and oral presentations. Career information and opportunities also discussed. Elective.

CHM 4070 Historical Perspectives in Chemistry 6A MW (3) AS CHM
PR: One year of college chemistry; or senior standing and CI. A study in depth of the historical and philosophical aspects of chemistry including outstanding chemical discoveries and theories. Lec.-dis.

CHM 4130C Methods of Chemical Investigation I (4) AS CHM
PR: CHM 3120C, CHM 2211, CHM 2211L, CHM 4060, CHM 4410. Theory and applications of instrumental methods in chemical research, chemical synthesis and analysis; electrochemical and calorimetric techniques, separation methods, spectroscopy, statistical analysis of data, computer data handling, and individual projects.

CHM 4131C Methods of Chemical Investigation II (4) AS CHM
PR: CHM 4130C. Continuation of CHM 4130C.

CHM 4300 Biomolecules I (3) AS CHM
PR: CHM 2211. Nature, structure, elucidation, synthesis and (in selected cases) organic chemical mechanisms of biochemical involvement of the major classes of organic compounds found in living systems. Lec.

CHM 4410 Physical Chemistry I (3) AS CHM
PR: CHM 3120C and MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Thermodynamics, the states of matter, solutions. Lec.

CHM 4411 Physical Chemistry II (3) AS CHM
PR: CHM 3120C, and MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Introduction to quantum mechanics and molecular spectroscopy. Lec.

CHM 4412 Physical Chemistry III (3) AS CHM

CHM 4611 Advanced Inorganic Chemistry (3) AS CHM
PR: CHM 3610C and CHM 4410 or CI. An advanced descriptive and theoretical treatment of inorganic compounds. Lec.

CHM 4905 Independent Study (1-3) AS CHM
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

CHM 4932 Selected Topics in Chemistry (1-3) AS CHM
PR: CI. The course content will depend on the interest of faculty members and student demand.

CHM 4970 Undergraduate Research (1-3) AS CHM
PR: CI. S/U only.

CHM 5225 Intermediate Organic Chemistry I (3) AS CHM
PR: CHM 2211, CHM 2211L, or equivalent or CI or GS. This course will extend organic chemistry beyond the undergraduate level and will emphasize concepts of stereochemistry and reaction mechanisms.

CHM 5226 Intermediate Organic Chemistry II (3) AS CHM
PR: CHM 5225 or CI. An introduction to synthetic organic chemistry for graduate students and advanced undergraduates. Lec. Semester II.

CHM 5405 Applications in Physical Chemistry (3) AS CHM
PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. Fundamentals of polymer synthesis, molecular properties, solutions and solution behavior, physical chemistry of biological systems, and modern developments in physical chemistry. Lec.-lab.

CHM 5405 Applications in Physical Chemistry I (3) AS CHM
PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. Fundamentals of polymer synthesis, molecular properties, solutions and solution behavior, physical chemistry of biological systems, and modern developments in physical chemistry. Lec.-lab.

CHM 5452 Polymer Chemistry (3) AS CHM
PR: Either CHM 2211, CHM 2211L, and CHM 3400 or CHM 4410 or graduate standing. Fundamentals of polymer synthesis, molecular properties, solutions and solution behavior, physical chemistry of biological systems, and modern developments in physical chemistry. Lec.-lab.
CIS 4253 Ethical Issues for Information Technology (3) AS CHM
PR: CHM 4411, CHM 4610 or CI or GS. Chemical forces, reactivity, periodicity, and literature in organic chemistry; basic core course. LeC.

CIS 5931 Selected Topics in Chemistry (1-3) AS CHM
PR: CI. The following courses are representative of those that are taught under this title: Natural Products, Stereochemistry, Reactive Intermediates, Photochemistry, Instrumental Electronics, Heterocyclic Chemistry, etc. The goal is to provide an understanding of what technology introduces to our culture and how we, as individuals, envision the future of society.

CHM 4300 Fundamentals of Clinical Chemistry (3) AS CHM
PR: BCH 3023. Theoretical and practical aspects of the analysis of various body fluids, with emphasis on the medical significance.

CHS 4301L Clinical Laboratory (2) AS CHM
PR: BCH 3023 and CHM 3120C. Laboratory experience in some of the most important clinical determinations. Lec.-Lab.

CJS 4250 Ethical Issues And Professional Conduct 6A MW (3) EN ESB
PR: Senior standing in the Department of Computer Science and Engineering. An introduction to ethical issues arising in the computer sciences, through written analysis and oral presentations of technical situations which involve ethical conflicts.

CJS 4253 Ethical Issues for Information Technology MW (3) US EIT
PR: Junior standing or above. An overview of information security management techniques and concerns is presented. Topics include: Access control systems, telecommunications and network security, management practices, application and systems development security, cryptography, disaster recovery planning, legal and ethical issues, and physical security.

CJS 4412 Information Technology Resource Management (3) US EIT
PR: Junior standing or above. An overview of the information resource management function, with emphasis on information systems management, is covered. Topics include planning, organizing and controlling user services, managing information system development process, and the fundamentals of EDP auditing.

CIS 4703 Database Systems for Information Technology (3) US EIT
CR: EEL 4854 or CI. Fundamentals of database management systems are presented, covering relational, CODASYL, network, hierarchical, and object-oriented models. Topics include basic design concepts, analysis of efficiency as well as actual implementation of such systems.

CIS 4900 Independent Study in Computer Science (1-5) EN ESB
PR: EEL 4851C or CDA 3201 and CI. S/U only. Specialized independent study determined by the needs and interests of the student.

CIS 4910 Computer Science Project (2) EN ESB
PR: EEL 4851C. Projects intended to develop individual interests and abilities in computer science involving either computer hardware or software aspects of a well defined proposal.

CIS 4930 Special Topics in Computer Science I (1-4) EN ESB
PR: EEL 4851C or CDA 3201 and CI.

CIS 4935 Senior Project in Information Technology (3) US EIT
PR: Senior Standing in Information Technology. Graduates of the IT program must complete a major project dealing with a subdomain of IT. Projects are supervised by a faculty member, or an approved industrial mentor. Projects range from design to implementation, to implementation of such systems.

CJC 4010 American Correctional Systems (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Analysis of the different development philosophies and techniques currently employed in corrections.

CJC 4166 Alternatives to Incarceration (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. This course explores a variety of alternatives to imprisoning the offender, including probation, parole, diversion, and other community-based intervention and treatment approaches.

CJC 4310 Correctional Administration (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. The course provides students with an introduction to issues in correctional administration in both institutional and community corrections.

CJC 4410 Intervention Techniques and Strategies (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Introduces the student to theories and methods underlying treatment modalities currently employed in corrections.

CJE 4040 Police and Juvenile Delinquency (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Focuses on the unique aspects of law enforcement interaction with juveniles and their families. Issues which emerge when working with multi-cultural populations will be discussed. Police efforts at early detection, intervention, and diversion. Interaction with status offenders and children in need-of-assistance will be a topic of concern.

CJE 4114 American Law Enforcement Systems (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Provides a comprehensive examination of the American law enforcement system at the federal, state, and local levels and an assessment of career opportunities within the community.

CJE 4144 Private Security Systems (3) AS CJP
PR: Junior standing plus CJE 4114, CCJ 3024, CCJ 3610, CCJ 3621 or CI. Examines some of the principal methods and techniques currently used to reduce or prevent losses due to theft and casualty.

CJL 4210 Developmental Aspects of Juvenile Delinquency (3) AS CJP
PR: CCJ 3610 and CJE 4010 or CI. Provides the student with a developmental/life course perspective of the processes, events, and factors which occur during childhood and adolescence and cause juvenile delinquency. This course focuses on the conditions which are critical in shaping the delinquent’s behavior during their formative years.

CJL 4211 Juvenile Substance Abuse (3) AS CJP
PR: Junior standing, CJE 4010 or CI. Focuses on youth and drugs. It will cover such topics as the rates and patterns of the use of different drugs by youths with varying sociodemographic characteristics, the context and effects of use of various drugs, the drugs-crime connection, prevention, early intervention and treatment efforts, and drug use policy.

CJL 4564 Juvenile Correctional Alternatives (3) AS CJP
PR: Junior standing, CJE 4010 or CI. Focuses on juvenile correctional responses from diversion to the use of secure facilities. How the system attempts to handle status offenders and children in need of supervision will be covered. Diversion, detention, probations, and community-based non-secure facilities will be discussed.

CJL 4704 Correctional Law (3) AS CJP
PR: Junior standing, CCJ 3024, CCJ 3610, or CI. Examines the historical basis of the American criminal law system, the substantive elements of the criminal law, and criminal procedures.

CJE 4010 Criminal Law and Procedure (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Focuses on juvenile due process law. Emphasizes the Constitutional and state law rules that are applied and enforced by the courts when processing cases.

CJE 4410 Criminal Law and Procedures (3) AS CJP
PR: CCJ 3024 or CCJ 3610 or CI. Emphasizes the Constitutional law and rules that are applied and enforced by the courts when processing cases.

CJE 4545 Juveniles’ Rights and Procedures (3) AS CJP
PR: CJE 4010 or CI. The course provides students with an introduction to issues in the area of environmental crime and environmental law.

CJE 4610 Environmental Law and Crime (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Focuses on the Constitutional issues and rules that are applied and enforced by the courts when processing cases.

CLA 2800 Wordpower from Latin and Greek (3) AS WLE
Study of Greek/Latin elements as a means of building English vocabulary. Examination of Greek/Latin-based terminology from various scientific fields, its adoption into English and current usage. Attention given to Greek/Latin stems, prefixes, suffixes.

CLA 3103 Greek Civilization HP (3) AS WLE
Study of Greek Civilization from its beginning to the Roman period, with emphasis on social customs, political institutions, and daily
CLA 3123 Roman Civilization HP (3) AS WLE
Study of Ancient Roman Civilization with emphasis on social customs, political institutions, and daily life.
CLA 3501 Women in Antiquity 6A LW (3) AS WLE
The life of women in the ancient Greek and Roman world, through lecture, video, and slide presentations. The course is not restricted to majors and cannot be repeated for credit.
CLA 3930 Selected Topics (3) AS WLE
An examination of various aspects of Greek and Roman Culture, based on ancient sources, literary and archaeological. Repeatable as topics vary.
CLA 4930 Selected Topics (1-4) AS WLE
Course content depends on student demand and instructor's interest and may range over the whole field of ancient languages, literatures and civilizations. Offerings on a semi-regular basis include Tongues of the Bible and the Bible as History.
CLP 4414 Abnormal Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Descriptions, theoretical explanations, research evidence, and treatment of maladaptive behavior.
CLL 3101 Greek Literature in Translation 6A MW (3) AS WLE
Reading and discussion of major works in Greek literature. Special emphasis on the Iliad, the dramatists Aeschylus, Sophocles, Euripides and Aristophanes. Some attention is given to the social and political background of the works. All readings are in English.
CLL 3102 Roman Literature in Translation 6A MW (3) AS WLE
Reading and discussion of major works in Roman literature. Special emphasis is placed on the Aeneid, comedy and satire. Some attention is given to the political background of the works. All readings are in English.
CLT 3040 Scientific and Medical Terminology (3) AS WLE
A course in the Greek and Latin word elements used in science and technology.
CLT 3051 Classical Mythology (3) AS WLE
Study of Greek and Roman myths embodied in classical literature and of their impact on Western civilization. All readings are in English.
COM 3003 Psychology of Adjustment SS (3) AS PSY
Genetic, organic, and learned factors involved in the processes of personal adjustment; applications of mental health principles to everyday living.
COM 4143 Abnormal Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Descriptions, theoretical explanations, research evidence, and treatment of maladaptive behavior.
COM 4433 Psychological Tests and Measurement (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Introduction to behavior analysis, and application of learning principles, behavioral measurement, research designs, and interventions in treatment settings.
COM 3120 Introduction to Communication Theory (3) AS MTH
PR: Junior/Senior standing or CI. An advanced course covering current issues in organizational transformation (e.g., organizational dialogue, learning organizations, reengineering, work teams), and the role communication processes play in such changes.
COM 4710 Writing Lives 6A (3) AS SPE
PR: Junior/Senior standing or CI. Emphasizes writing stories about our lives and the lives of others as a way to understand, cope with and communicate social experiences.
COM 4942 Communication Intern Seminar (3) AS SPE
PR: Communication major, minimum GPA 3.0, 75 hours completed, 15 hours of core requirements and 9 electives complete, and CI. Seminar provides students with an opportunity to put into practice concepts and skills acquired in their study of communication. Weekly seminar sessions augment intern experience. Application for seminar must be submitted one semester prior to seminar offering.
COM 5930 Topics in Communication Studies (3) AS SPE
Topical issues in communication.
COP 2120 SC Cobol Programming I (3) EN ESB
Analysis of ANSI Standard COBOL language elements. Development of file structures and commercially oriented applications.
COP 2121 SC Cobol Programming II (3) EN ESB
PR: COP 2120. Advanced applications of ANSI Standard COBOL. Development of subroutines, relative I-O and data base applications as used in a comprehensive data processing environment.
COP 2510 Programming Concepts (3) EN ESB
PR: MAC 2281 or equivalent. An examination of modern programming language emphasizing programming concepts and design methodology.
COP 3451 IT Concepts (3) US EIT
PR: Any PHY course. A lecture and problem solving course which deals with subjects related to computers and information technology. A broad range of conceptual and practical topics in IT are covered.
COP 3514 Program Design (3) EN ESB
PR: COP 2510 or comparable introductory programming course and CI. The class example emphasis is programming knowledge by systematically considering the concepts involved in program design and creation. Students will also build upon their previous programming experience by learning to use the C programming language in a networked environment.
COP 3515 Program Design for Information Technology (3) US EIT
PR: COP 2510 or CI. Concepts associated with the design and implementation of computer programs are studied, with emphasis on creation of programs to be developed and maintained in a variety of environments from small to large information technology organizations.
COP 5402 Programming Languages (3) EN ESB
PR: EEL 4851C. An introduction to programming languages, survey of language types and design of translators and interpreters.
COP 4313 Symbolic Computations in Mathematics (3) AS MTH
PR: MAS 3105 and MAP 2302. Students will write programs to solve problems in various of mathematics including calculus and linear algebra with symbolic programming systems such as Maple, Mathematica, or Macsyma.
COP 4600 Operating Systems (3) EN ESB
PR: EEL 4851C. Introduction to systems programming, Design of operating systems. Concurrent processing, synchronization, and storage management policies.
COP 4610 Operating Systems for Information Technology (3) US EIT
PR: EEL 4854 or CI. Introduction to concepts and practices of modern operating systems. Topics include process, parallelism, memory management, resource allocation and file systems. Algorithms are used to understand many of the concepts associated
CRW 3311 Form and Technique of Poetry  (3) AS ENG
PR: CRW 3311, CRW 3312, CRW 3321. A poetry workshop which provides individual and peer guidance for the student’s writing and which encourages the development of critical skills.

CRW 3112 Fiction I  (3) AS ENG
PR: CRW 2100 or CRW 3111, CRW 3112, CRW 3121. An advanced fiction workshop in which works may be carried over from CRW 3121 or longer forms such as the novel may be begun.

CRW 4320 Poetry III  (3) AS ENG
PR: CRW 3311, CRW 3312, CRW 3321. An advanced poetry workshop in which students are expected to create works exhibiting a firm knowledge of the principles explored in the preceding courses.

CPR 4930 Selected Topics in Creative Writing  (3) AS ENG
PR: 12 hours of CRW courses or CI. The focus of the course will be governed by student demand and instructor interest. Topics to be covered may include writing the literary essay, writing in mixed genres, and utilizing new conventions in serious works. May be taken twice for credit with different topics.

CWR 4103 Water Resources Engineering I  (3) EN GX
PR: CRW 4202. A study of the engineering principles involved in securing and managing the quantity and quality of water available for human activities with particular emphasis on surface water and ground water hydrology.

CWR 4202 Hydraulics  (3) EN GX
PR: EGN 3353. Fundamental and applied aspects of pipe flow, free surface flow, and unsteady flow for hydraulic systems.

CWR 4541 Water Resources Engineering II  (3) EN GX
PR: EGN 3353, CRW 4202. The course is intended to be a technical elective for students specializing in water resources or environmental engineering. Material in the course covers subsurface hydrology including both soil vadose zone processes and the ground water flow system.

CWR 4812 Capstone Water Resources/Environmental Design MW  (3) EN GX
PR: CRW 4103, ENV 4001. A capstone water resources design experience for seniors in Civil and Environmental Engineering. A design oriented course both industrial and domestic water treatment, and water transport systems and hydraulic systems, including drainage, water supply, and flood control.

DAA 2100 Fundamentals Of Modern Dance I  (2) VP DAN
A studio class for students with a serious interest in concert modern dance. Emphasis on correct alignment, development of strength, rhythmic and dynamic activity as well as spatial and locomotor patterns that underlie the work in more advanced contemporary dance. May be repeated.

DAA 2105 Modern Dance I  (2) VP DAN
PR: Admission by placement audition. A studio class for students with a serious interest in concert modern dance. Further emphasis on correct alignment, development of strength, rhythmic and dynamic activity as well as spatial and locomotor patterns that underlie the work in more advanced contemporary dance. May be repeated.

DAA 2200 Fundamentals Of Ballet (2) VP DAN
A studio class for students with a serious interest in Ballet. Emphasis on correct alignment of the body and a progressive development of positions and barre exercises as well as the application of combinations in center work using classical Ballet vocabulary (French terms). May be repeated.

DAA 2205 Ballet I (2) VP DAN
PR: Admission by placement audition. A studio class for students with a serious interest in Ballet. Further emphasis on correct alignment of the body and a progressive development of positions and barre exercises as well as the application of combinations in center work using classical Ballet vocabulary (French terms). May be repeated.

DAA 2500 Fundamentals Of Jazz Dance (2) VP DAN
A basic movement course in Jazz Dance involving dance vocabulary, alignment, styles and simple rhythmic movement patterns. May be repeated.

DAA 2504 Jazz Dance (2) VP DAN
PR: Admission by placement audition and DAA 2500. A technique class for the intermediate level dancer to become acquainted with the dance styles and forms of musical theatre and concert jazz dance. Emphasis is on highly stylized movement with a strong rhythmic base. May be repeated.

DAA 2540 Theatre Dance Styles (2) VP DAN
PR: DAA 2500 or DAA 2504 or CI. Development of technical skills in social and historical dance forms frequently stylized for use by dance choreographers. Forms to be studied include polka, tango, waltz, folk, tap dancing, etc.

DAA 2570 Jazz Theatre Dance (3) VP DAN
PR: Admission by placement audition and DAA 2504. Further emphasis on projection, phrasing, rhythmic patterns and dynamics. Solo and ensemble study geared toward performance.

DAA 2760 Tai Chi (2) VP DAN
This course is an introduction to the study of Tai Chi focusing on the philosophy and postures of this martial art. May be repeated.

DAA 4210 Introduction to Yoga (2) VP DAN
This course is designed to provide students with an understanding of basic Yoga philosophy and practice which includes postures,
meditation and breath techniques. May be repeated.

DAA 3108 Modern Dance II (3) VP DAN
PR: Admission by placement audition. Study of principles of modern dance technique. Practical work in exercises and movement phrases, utilizing changing rhythms and dynamics. Concert and performance attendance required. May be repeated.

DAA 3109 Modern Dance III (2-3) VP DAN
PR: Admission by placement audition. Continuation of DAA 3108. Further emphasis on style and phrasing. Work on projecting mood and quality of dancing and relating in more advanced choreography, leading to performance. May be repeated.

DAA 3208 Ballet II (3) VP DAN
PR: Admission by placement audition. Positions and barre exercises. Emphasis on correct alignment of the body and the application of simple step combinations in centre work. The use of ballet vocabulary (French terms). Material covered as practical work in class for concerts and performances. May be repeated.

DAA 3209 Ballet III (2-3) VP DAN

DAA 3294 Ballet Variations (1) VP DAN
PR: DAA 3209. This course provides instruction in various forms of ballet. Semester courses include: Pointe technique, Men’s Class, Character Dance, Spanish Dance and Partnering. BFA Ballet concentration students are required to complete two semester hours. May be repeated.

DAA 3394 World Dance Topics (1) VP DAN
PR: Admission by placement audition. The development and performance of solo and/or group dances. The students will submit choreographic works. PR: DAA 3615. CR: DAA 3109 or above. Work directed toward developing concepts of pedagogy based on principles of teaching/learning dance. Specific sections will focus on Secondary Curriculum and Methods and on Pre-K and Elementary Education.

DAA 3410 Dance Pedagogy: Pre-School to Elementary (3) VP DAN
This course is designed to meet the needs of students in Dance Education to understand the scope and sequence of dance curriculum design and teaching methods appropriate to Pre-K and elementary students.

DAA 3430 Dance Pedagogy: Secondary Curriculum (3) VP DAN
This course is designed to meet the needs of students in Dance Education to understand the scope and sequence of dance curriculum design and teaching methods appropriate to the secondary student.

DAA 3437 Special Studies Dance Education (3) VP DAN
PR: CI and CC. Designed to provide prospective dance teachers with opportunities to develop concepts of pedagogy based on principles of teaching/learning in dance techniques and choreography. May be repeated up to 9 credit hours.

DAA 4936 Senior Seminar in Dance Education (2) VP DAN
PR: Admission by placement audition. Designed to provide prospective dance teachers with opportunities to develop concepts of pedagogy based on principles of teaching/learning in dance techniques and choreography. May be repeated.

DAA 4940 Internship in Dance Education (1-12) VP DAN
PR: Admission by placement audition or CI. 6 credits is distributed over two or more semesters, students will be required.  May be repeated. Open to all university students proficient in dance and performing arts. May be repeated.

DAA 4940 Internship in Dance Education (1-12) VP DAN
CR: DAA 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be register for credit which accumulates from 9 to 12 semester hours.

DAN 2100 Introduction To Dance 6A FA (3) VP DAN
For majors and non-dance majors, a study of the art and language of dance through lectures, discussions, concert attendance, and studio practice. Designed to develop awareness and insight of this art form through discussion, observation, writing, and movement experience.

DAN 2100 Entry Seminar (2) VP DAN
This is a study of dance-related career opportunities through lectures, assigned reading and video viewing. This course will aid majors in understanding dance as an aesthetic art form through discussion and critical evaluation.

DAN 3584 Practicum In Dance Production (2) VP DAN
A practicum in mounting dance concerts with shop work and backstage participation. Intended for students working in costume, set preparation, light presentation, stage management and production crew. Dance majors must have at least 4 credits for graduation accumulated in two different semesters. 40 hour lab required. May be repeated.

DAN 3614 Music For Dance (2) VP DAN
PR: Designed for majors and non-majors. Development of musical skills in movement studies. Continued study of the inter-relationship of music and dance through movement experiences, observations, videos, and writing.

DAN 3615 Music For Dance II (2) VP DAN

DAN 3714 Dance Kinesiology (3) VP DAN
This course will give the student an understanding of basic human anatomy and how it functions in relation to movement, injury prevention, teaching and performance. Individual structural differences and how these affect movement potential will also be studied. There will be an emphasis on the kinesiological analysis of movement with the goal of increased efficiency, enhanced performance and injury prevention.

DAN 4134 Dance History Though the 19th Century 6A XLW (3) VP DAN
Designed for majors and non-majors, this course will present a comprehensive view of the evolution of dance as an art form from
its origins through the 19th Century. It is designed to develop awareness and insight through lecture, discussion, video, observation and writing. DAN 4135 20th Century Dance XMW (3) VP DAN Designed for majors and non-majors, this course will trace the development of dance as an art form in the 20th Century. It is designed to develop awareness and insight through lecture, discussion, video, observation and writing. Students will be required to attend at least two dance performances.

DAN 4181 Dance Senior Seminar (2) VP DAN PR: Dance major with senior status. A study of career opportunities in performance, teaching, research, design, and choreography. To aid majors in self-appraisal as artists and develop methods to further their potential in the professional world. Discussion, critical evaluation and projects.

DAN 4404 Laban Movement Analysis (3) VP DAN Specialized study in movement theories, body alignment, and movement patterns focusing on the scientific and analytical basis of movement in dance with consideration for developmental processes, technique, creative expression, and performance.

DAN 4906 Directed Study (1-5) VP DAN PR: CI, CC. Independent studies in the various areas of Dance. Must receive approval prior to registration. May be repeated.

DAN 4930 Selected Topics In Dance (1-5) VP DAN PR: CI and CC. The content of the course will be governed by student and instructor interest. May be repeated by majors.

DEC 4161 Program Management of Distributive and Marketing Education (3) ED EDV The study of the purposes, processes, organization, planning, directing, coordinating and evaluation of Distributive and Marketing Education Cooperative Programs.

DEP 2004 The Life Cycle (3) AS GEY An examination of individuals and the physical, cognitive, personality, and social changes which occur throughout the entire life span.

DEP 3103 Child Psychology SS (3) AS PSY Not for major credit. Developmental and psychosocial aspects of childhood, including hereditary, maturational, psychological, and social determinants of child behavior.

DEP 4005 Developmental Psychology (3) AS PSY PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations in the study of human development.

DEP 4135 Psychology of Language Development (3) AS PSY PR: PSY 3213 with a grade of C or better or CI. Available both to majors and non-majors. Surveys the course of and processes underlying normal language development. Presents data and theory on phonological, semantic, syntactic, and pragmatic development.

EAB 4715 Supervised Practicum and Field Experience in Applied Behavior Analysis (1-6) AS PSY PR: PSY 4933 with a grade of B or better. Does not count toward major credit (S/U only). Field experience in Behavior Analysis in applied settings. Under the supervision, involves the design, implementation and evaluation of behavior analysis methods in applied settings. Includes both field practicum and didactic components. May be repeated for a maximum of 6 hours. Does not count toward major credit (S/U only).

EAP 1850 English for Foreign Students I (3) AS WLE A special course for students learning English as a second language. Intensive study and drill in American English pronunciation and listening comprehension.

EAP 1851 English for Foreign Students II (3) AS WLE PR: EAP 1850 or CI. A continuation of EAP 1850. Emphasis on reading and composition.

EAS 4121 Hydro and Aerodynamics (3) EN EGR PR: EML 3701, MAP 2302. Advanced fluid dynamics, ideal and viscous flows, applications to flow around immersed bodies.

ECH 3023C Process Engineering I: Algebraic and Graphical Description (4) EN ECH PR: EGN 3343, CR: CHM 4410 or ECH 4123C. Integration of previous knowledge into the definition of reactors and separation processes, through the hierarchy of PID, Dahlia and P&ID (P&ID). Use of material balance, phenomenological and energy balance equations. Representation of streams as arrows and processes as black boxes in Box Flow Diagrams, BFD. Application of degree of freedom analysis.

ECH 3023L Chemical Engineering Laboratory I (1) EN ECH PR: EGN 3343, CP: ECH 3023C The theory and application of chemical engineering instrumental measurement methods; density, temperature, flow, pressure, viscosity, refractive index, humidity, gaseous and liquid composition, and pH/ion selective electrodes (ISE) analysis.

ECH 3702 Instrument Systems I (4) EN ECH PR: EGN 3373. Application of discrete logic operations for sensor interfaced and process control situations in Chemical & Mechanical Engineering. Use of programmable logic controllers in process control. Introduction to the use of personal computer I/O interface cards of control application.

ECH 4123 Chemical Engineering Thermodynamics (3) EN ECH PR: EGN 3343 Cofrerequired with thermodynamic properties of real systems and solutions. Description of multicomponent, multiphase systems in equilibrium. Applications to separation processes and reactor design.


ECH 4265C Process Engineering 2: Separation Processes (4) EN ECH PR: ECH 3023C, ECH 4264, CHM 4410 or ECH 4123C. Integration of phase equilibria with the principles of fluid mechanics, heat and mass transfer in the description of separation processes. Selection of the number of stages and limiting operating conditions in cascade. NTU and HTU. Sizing of partial condensers and pressure differentials. Transfer to single stages.

ECH 4265L Chemical Engineering Laboratory II (1) EN ECH CP: ECH 4265C. Chemical Engineering processes laboratory experiments: fluid flow, heat transfer, phase and chemical equilibria, reacting systems, and optimization and evaluation of processes.


ECH 4415L Chemical Engineering Lab III (1) EN ECH Chemical Engineering Processes laboratory experiments: fluid flow, heat transfer, reacting systems, and process control.


ECH 4900 Independent Study (1-4) EN ECH PR: CI. Specialized independent study determined by the student's needs and interests. Students must have contract with instructor.

ECH 4930 Special Topics in Chemical Engineering (1-4) EN ECH PR: CI.

ECH 4931 Special Topics in Chemical Engineering (1-4) EN ECH PR: CI.


ECH 5324 Automatic Process Control II (3) EN ECH PR: ECH 4323C or CI, majors only / 2 hrs lec., 3 hrs. lab/week. The course covers the root locus and frequency response methods to study stability of control loops. The techniques of ratio, cascade, feed forward, selective, override, and multi-variable control techniques are discussed in detail and shown how to utilize to design control systems, z-transforms and discrete controllers. Use of programmable logic controllers in process control. Application of degree of freedom analysis.

ECH 5740 Theory and Design of Bioprocesses (3) EN ECH Introduction to biotechnology, including applied microbiology, enzyme technology, biomass production, bioreactor design, and bioreactor operations.

ECH 5742 Pharmaceutical Engineering (2) EN ECH Introduction to pharmaceutical engineering, including dosage forms (tablets, capsules, powders, liquids, topical forms, and aerosols), recipients, regulatory issues, clinical studies, and good manufacturing practices.
ECH 5747C Selected Topics in Chemical Engineering Biotechnology (1-3) EN ECH
PR: Senior or GS standing in engineering or CI. Open to majors and non-majors with CI. Selected topics in engineering biotechnology, including cell separation technology, immobilized enzymes and cells, food engineering, biohazardous waste, and bioseparations.

ECH 5820 Product Development (2) EN ECH
Introduction to the development of consumer products, including the history of innovation, creativity development, the product development environment, and a detailed examination of several product areas.

ECH 5820 Product Development (2) EN ECH
PR: Senior or GS in Engineering or CI. Introduction to the development of consumer products, including the history of innovation, creativity development, the product development environment, and a detailed examination of several product areas.

ECH 5930 Special Topics III (1-4) EN ECH
PR: CI.

ECH 5931 Special Topics IV (1-4) EN ECH
PR: CI.

ECO 1000 Basic Economics SS (3) BA ECN
No credit after completing either ECO 2023 or ECO 2013. Survey of economic principles and issues. Scarcity, choice, markets, prices, the monetary system, unemployment, inflation, international trade and finance.

ECO 2013 Economic Principles (Microeconomics) SS (3) BA ECO
Introduction to the theory of income determination with emphasis on monetary and fiscal policies. Objectives of full employment, price stability, economic growth and balance of payments stability.

ECO 2023 Economic Principles (Microeconomics) SS (3) BA ECO
Introduction to the theory of price determination. How an economy decides what to produce, how to produce, and how to distribute goods and services.

ECO 2935 Selected Topics In Economics (1-3) BA ECO
Not available for credit to upper-level students admitted to the College of Business. Topics selected by department. May be repeated if topics vary.

ECO 3100 Managerial Economics (3) BA ECO
PR: ECO 2023. Application of microeconomic theory to problems in business decision making with a special focus on price determination. May not receive credit for both ECO 3100 and ECO 3101.

ECO 3101 Intermediate Price Theory (3) BA ECO
PR: ECO 2023. The price system and allocation of scarce resources between competing uses. May not receive credit for both ECO 3100 and ECO 3101.

ECO 3203 Intermediate Macroeconomics (3) BA ECO
PR: ECO 2013 and ECO 3100 or ECO 3101 with a grade of “C” or better. Determination of income, employment, prices, and interest rates. Aggregate demand and aggregate supply.

ECO 3622 American Economic History (3) BA ECO
PR: ECO 2023. Growth and evolution of American economic institutions from Colonial times to the present.

ECO 3703 International Economics MW (3) BA ECO

ECO 4105 Advanced Price Theory (3) BA ECO
PR: ECO 3100 or ECO 3101 with a grade of “B” or better. An advanced survey of special topics in microeconomics: borrowing and saving, decision making under uncertainty, markets for capital and labor, game theory, production and exchange efficiency, social welfare, and efficiency consequences of market and non-market allocation.

ECO 4201 Advanced Macroeconomic Theory (3) BA ECO
PR: ECO 3203 with a grade of “B” or better. An advanced analysis of a particular topic or topics in macroeconomics. Areas of study include the theories of money, growth, and business cycles. Discussions of how such theories accord with the data area also presented.

ECO 4301 History Of Economic Thought (3) BA ECO

ECO 4323 Radical Political Economy MW (3) BA ECO
PR: ECO 1000 or ECO 2023 or CI. The radical (left) and Marxist schools of thought in economics. Application of radical theory to problems of advanced capitalist and socialist societies.

ECO 4401 Introduction to Mathematical Economics (3) BA ECO
PR: ECO 3100 or 3101, and MAC 2241 or MAC 2233 or CI. Mathematical models of optimizing behavior and economic equilibrium.

ECO 4411 Introduction to Econometrics (3) BA ECO
PR: ECO 3100 or 3101, and QMB 3200 with a grade of “B” or better or CI. Survey of basic econometric techniques. Regression analysis employed to estimate consumption, investment, demand, cost, and production functions. Examines problems of auto-correlation, heteroscedasticity, multicollinearity, and specification errors.

ECO 4504 Public Finance (3) BA ECO

ECO 4713 International Macroeconomics (3) BA ECO
PR: ECO 3100 or ECO 3101 with a grade of “C” or better. Advanced analysis of international macroeconomic relationships. Foreign exchange market, international monetary system balance of payments.

ECO 4723 International Trade and Policy (3) BA ECO
PR: ECO 3100 or ECO 3101 with a grade of “C” or better. Advanced analysis of international trade theory and commercial policy, international economic integration, multinational enterprise.

ECO 4905 Independent Study (1-3) BA ECO
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests. May be repeated up to 6 hours.

ECO 4914 Independent Research (1-3) BA ECO
PR: CI. Individual student contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor. May be repeated up to 12 hours.

ECO 4935 Selected Topics in Economics (1-3) BA ECO
Topics to be selected by the instructor or instructors on pertinent economic issues.

ECP 3201 Economics of Women and Work MW (3) BA ECO
PR: ECO 1000 or ECO 2013 and ECO 2023. Survey of research on women, men and work in the labor market and the household. Focuses on the economic status of women. Includes historical perspective, examination of the family as an economic unit, changing work roles, and gender differences in occupation and earnings.

ECP 3203 Labor Economics (3) BA ECO
PR: ECO 3100 or ECO 3101 with a grade of “C” or better. Determinants of wage and employment levels; occupational, industrial and geographical wage differentials; union and public policy effects on labor markets; the economics of discrimination; inflation, and unemployment.

ECP 3302 Environmental Economics MW (3) BA ECO
PR: ECO 2023. An economic analysis of environmental issues. The economics of resource use and pollution control are examined using the concepts of externalities, cost-benefit analysis, public goods, and property rights.

ECP 3413 Economics of Regulation and Antitrust (3) BA ECO
PR: ECO 2013 and ECO 2023. Economic analysis of the rationale and performance of government regulation and antitrust policy. Examination of antitrust issues such as price fixing, mergers, and monopolization, and issues regulating electric utilities, airlines, trucking, consumer product safety, product quality, and the environment.

ECP 3530 Economics of Health (3) BA ECO
PR: ECO 3100 or ECO 3101 with a grade of “C” or better. Application of economic methods to health care topics such as demand for medical care, public and private health insurance, physician and hospital supply of medical care, government regulations, and national healthcare systems.

ECP 3613 Economics of the Urban Environment MW (3) BA ECO
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. Economic analysis of cities and urban social problems. Poverty, discrimination, housing, transportation, pollution, crime, and fiscal considerations.

ECP 4232 Collective Bargaining and Public Policy (3) BA ECO
PR: ECO 2023 or CI. Administration of labor management agreements. Impact of the government role in collective bargaining and labor relations.

ECP 4451 Law and Economics (3) BA ECO
PR: ECO 2013 and ECO 2023. Advanced analysis of the economic impact of tort, criminal, property, and contract law as well as the formation and adjudication of law.

ECP 4505 Economics of Crime (3) BA ECO
PR: ECO 2013 or CI. Application of economic theory to the analyses of criminal behavior, crime prevention, law enforcement, sanctions, and corrections.

ECS 3013 Economic Development (3) BA ECO
EDF 4909 Directed Study: Educational Foundations (1-3) ED EDF
PR: Senior standing. Offered only as a scheduled class. To extend competency in teaching field.

EDF 5607 Trends in the Social-Political Foundations of Schooling in the U.S. (3) ED EDF
Current debates re: purpose and practice of formal schooling in the U.S. with historical and sociological perspectives. Satisfies social foundations requirements for Fl. Teacher certification and ESL competency in knowledge of intercultural issues in education.

EDG 2701 Teaching Diverse Populations and Field Experience (3) ED EDC
Introductory survey course required for admission into the College of Education. Places schools and teaching within the context of the U.S. as a pluralistic society. Topics include: the demographics of diversity; prejudice; elements of culture; American heritage of diversity and its value; and barriers to cultural understanding. Includes lecture and field experience.

EDG 4620 Curriculum and Instruction (3) ED EDC
An introduction to the field of curriculum and instruction. Emphasis is placed on principles of curriculum development and use of instructional strategies. Students will develop, implement, and evaluate a variety of lesson plans.

EDG 4909 Directed Studies (1-4) ED EDC
PR: Senior standing. Offered only as a scheduled class. Department permit required. To extend competency in teaching field.

ECC 4008 Literature in Early Childhood Education 6A LW (3) ED EDEU Jr./Sr. Standing. Emphasis is placed on developing knowledge of literature for younger children (0-8 yrs.) and methodologies and strategies for utilizing literature to teach literacy in content areas of the curriculum.

ECC 4203 Programs for Young Children (3) ED EDEU
PR: Admission to College of Education. Early Childhood majors only. Develops students’ understanding of historical and social foundations of early childhood education, establishing professional beliefs regarding teaching young children, and developing an appropriate learning environment.

ECC 4211 Integrated Curriculum: Science and Mathematics (3) ED EDEU Jr./Sr. Standing. Admission to College of Education, EDF 4111. Early Childhood majors only. Develops an understanding of science and mathematical concepts for the appropriate stages of cognitive development of young children. Emphasis will be placed on how science and mathematics are integrated throughout the curriculum and become valued functional tools.

ECC 4212 Integrated Curriculum: Social Sciences/Humanities & Art (3) ED EDEU Jr./Sr. Standing. Admission to College of Education, EDF 4111. Early Childhood majors only. Develops an understanding of appropriate curriculum experiences in social science, humanities, and arts for kindergarten and primary grades with an emphasis on integrated experiences, and sociocultural influences such as culture, ethnicity, language and gender impact understandings, values, and learning.

ECC 4300 Cognitive Experiences for Young Children (3) ED EDEU PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Emphasizes theoretical and practical aspects of cognitive development for children ages 3 through 6 with focus on planning integrated experiences and content in science, mathematics, and social sciences.

ECC 4303 Creative and Affective Experiences for Young Children (3) ED EDEU PR: Admission to College of Education. Early Childhood majors only. Develops students’ understandings of young children’s creative expression through art, music, movement, play, and drama. Emphasizes how to plan, implement, and evaluate appropriate learning experiences as well as selection of appropriate instructional materials.

ECC 4408 Child, Family & Teacher Relations (3) ED EDEU PR: Admission to College of Education, EDF 4111. Early Childhood
majors only. Focuses on developing an understanding of traditional and non-traditional families, structural and life style variations and parenting in diverse cultures and at-risk families. Implications from these understandings will guide development of a parent involvement plan that includes effective ways to communicate with parents, confer with parents, and plan parent meetings and home visits.

EEL 4706 Language and Emerging Literacy (3) ED EDU
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Provides knowledge of language development and emergent literacy for typical and atypical development in children from birth to third grade, including ESOL children.

EED 4905 Independent Study: Early Childhood Education (1-4) ED EDU
PR: S/U only. Early Childhood majors only. Specialized independent study determined by the student's needs and interests.

EED 4909 Directed Study: Early Childhood Education (1-3) ED EDU
PR: Senior standing. To extend knowledge in teaching field.

EED 4936 Senior Seminar in Elementary Early Childhood Education (2) ED EDU
PR: Senior standing; CR: EEC 4940. Synthesis of teacher candidate’s courses in complete college program.

EED 4940 Internship: Early Childhood (10-12) ED EDU
CR: EEC 4936. S/U only. Teacher candidate is required to demonstrate professional competencies during one semester of full-time, on-the-job supervised experience in a public or private elementary school.

EED 4941 Field Experience I (3) ED EDU
PR: Admission to College of Education. Early Childhood majors only. Field placement with three and four year olds where teacher candidates have opportunities to apply knowledge and skills in authentic situations and become objective observers of young children’s development. Weekly seminars are conducted in conjunction with the field experience which provide teacher candidates an opportunity for reflection on their understandings.

EED 4942 Field Experience II (3) ED EDU
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Emphasis on developing deeper understanding of children’s development and implications of development for program planning for both typical and atypical children.

EED 4943 Field Experience III (3) ED EDU
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Focus on developing deeper understanding of growth and development and relationship to curriculum planning with an emphasis on self-evaluation of knowledge, skills, and dispositions essential for teaching.

EED 4011 Introduction to Behavior Disorders (3) ED EDU
PR: EED 4011, or equivalent or DPR. Survey of emotional, behavioral, and psychological disorders in children and youth. History of the field, definitions, classifications, theoretical approaches, intervention techniques, classroom management, service delivery models, trends and issues.

EED 4909 Directed Study: Behavior Disorders (1-3) ED EDU
PR: Senior standing. DPR. To extend competency in teaching field.

EED 4941 Undergraduate Supervised Practicum in Behavior Disorders (1-6) ED EDU
PR: EED 4011. S/U only. DPR. Supervised field experience in assessment, classroom management, and clinical teaching with children who have emotional and behavioral disabilities.

EEL 2161 Electrical Engineering Computer Methods (3) EN EGE
Use of computers to perform analysis, simulation, and design of Electrical Engineering systems. Use of computer systems, including Internet resources. Use of analytical software. Computer programming in C++ for the solution of Electrical Engineering problems.

EEL 3100 Network Analysis and Design (3) EN EGE

EEL 3302 Electronics I (3) EN EGE
PR: EGN 3373. A course in the physical principles of electronic devices with emphasis on semi-conductor electronics. Includes the analysis and design of amplifiers and switching circuits.

EEL 4030 Electrical Systems Environments (3) EN EGE

EEL 4102 Linear Systems Analysis (3) EN EGE
PR: EEL 3100. Provides further study in the analysis of linear networks and systems. Includes time and frequency domain points of view. Laplace, Fourier and superposition integrals.

EEL 4243 Switching Power Supply Design (3) EN EGE
PR: EEL 4301 Provides the basic principles of switching power supply circuits: magnetic circuits, power semiconductors, Buck, Boost, and Flyback configurations, dc to dc converters, dc to ac inverters. Requires the design and construction of a switching power supply.

EEL 4301 Electronics II (3) EN EGE
PR: EEL 3302. Provides further study in electronic circuits. Includes feedback and frequency response techniques in amplifier design.

EEL 4303 Communications/Electronics (3) EN EGE
PR: EEL 4301 Provides the basic principles of RF communications circuits including oscillators, mixers, high frequency amplifiers, etc. Requires the design and implementation of a short range communications link including a transmitter and a superheterodyne receiver.

EEL 4351C Semiconductor Devices (3) EN EGE
PR: EEL 3302. An introduction to the fundamentals of semiconductor materials and semiconductor device operation.

EEL 4420 RF & Microwave Measurements (2-3) EN EGE
PR: EEL 4316L or CI. This course introduces students to the theory and applications of modern radio frequency and microwave measurements. Topics include an introduction to spectrum analyzer, noise, power, and non-linear distortion measurements. Modern trends also treated are the use of on-wafer measurements for transistor characterization and the evaluation of monolithic microwave integrated circuits.

EEL 4421 RF/Microwave Circuits I (3) EN EGE
PR: EEL 3100, EEL 4471. Introduction to passive microwave circuit design. Investigate the characteristics of transmission lines used in modern microwave systems, the tools used for analysis, and some common circuit topologies for biasing and matching. Substantial coverage of stability analysis, constant gain methods and noise figure. Part two of a two-part sequence. EE majors only. Not available on an S/U basis.

EEL 4422 RF/Microwave Circuits II (3) EN EGE
PR: EEL 4421. Introduction to active RF/Microwave circuit design. Investigate the characteristics of amplifiers and oscillators used in modern microwave systems, the tools used for analysis, and some common circuit topologies for biasing and matching. Substantial coverage of stability analysis, constant gain methods and noise figure. Part two of a two-part sequence. EE majors only. Not available on an S/U basis.

EEL 4471 Electromagnetics MW (3) EN EGE
PR: MAP 2302, PHY 2049, PHY 2049L and EE majors or CI. Electromagnetic field theory, including static and dynamic electromagnetic fields; applications; environmental effects (effects of radiation, magnetic fields).

EEL 4512C Introduction to Communication Systems (3) EN EGE
PR: EEL 4102. Provides an introduction to the fundamental problems of analog and digital communication systems. Theory is put into practice by investigating a variety of applications. Lectures and projects develop understanding of modern communication systems design and analysis.

EEL 4567 Electro-Optics (3) EN EGE
PR: EEL 3301L, EEL 3302L, EEL 3410. An introduction to the field of electro-optics, including visible and infra-red sources and detectors, radiometry, optical and electronic components, and fiber optics.

EEL 4657 Linear Control Systems (3) EN EGE

EEL 4705 Logic Design (3) EN EGE
PR: EGN 3373, CR: EEL 4705L for CS & E students CP: COP 2002. Binary number systems; truth functions; Boolean algebra; combinational forms; minimization of combinational logic circuits; synchronous logic circuits in computers.

EEL 4705L Logic Laboratory (1) EN EGE
CR: EEL 4705. Designs and demonstrate logic concepts. Synchronous and asynchronous capture for design implementation, simulation and design verification.

EEL 4743L Microprocessor Laboratory (1) EN EGE
CR: EEL 4744. Application of microprocessors and microcontrollers for microprocessor-specific programming, processing, display and real time signal input/output and control.

EEL 4744 Microprocessor Principles and Applications (3) EN EGE
EEL 4748 Microprocessor-Based System Design and Application (3) EN ESB
PR: CDA 3201, CDA 3201L. Study of techniques for design of microprocessor-based systems used in various applications. Includes a project on development of an experimental application system.

EEL 4756 Signal and Image Processing (3) EN ESB
PR: EGN 4451, EEL 4851C. Sampling and quantization of signals and images; frequency-domain representations, transforms; filtering, convolution, and correlation; low-level image analysis algorithms; color images, fast methods and parallelism.

EEL 4751C Distributed Processing and Computer Networks (3) EN ESB
PR: EEL 4851C. Design and analysis of distributed processing systems. Covers communication hardware and software, network operating systems, and reliability enhancement techniques.

EEL 4782 Computer Information Networks for Information Technology (3) US EIT
The course covers concepts of computer networks. Physical and logical structures are presented. Physical media, circuit switching, data flow, high-level protocols, and the ISO model are discussed. Bus, ring, star, and wireless topologies are presented.

EEL 4782L Information Networks Laboratory for Information Technology (3) US EIT
CR: COP 4610 or CI. The lab section of this course will allow students to apply hardware and software concepts discussed in the lecture portion of the class. Special isolated networking labs provide both software and hardware tools for student experimentation.

EEL 4851C Data Structures (3) EN ESB
PR: CDA 3103, COP 3514. Fundamentals of data organization for purposes of program efficiency, clarity and simplicity will be addressed.

EEL 4852C Data Base Systems (3) EN ESB
PR: EEL 4851C. Fundamentals of data base management systems. CODASYL, network, hierarchical, and relational data base systems are analyzed, and typical applications are presented.

EEL 4854 Data Structures and Algorithms for Information Technology (3) US EIT
PR: COP 3515 or CI. Representing data for manipulation by the computer is studied. Design and analysis of well-known data structures and algorithms to manipulate them, are studied. Program efficiency, clarity and speed are considered in various structures and algorithms.

EEL 4905 Independent Study (1-5) EN EGE
PR: CI. S/U only. Specialized independent study determined by the students' needs and interests.

EEL 4906 Professional Issues and Engineering Design MW (2) EN EGE
PR: EEL 4102; CR: EEL 4301, EEL 4512C, EEL 4657, EEL 4744. An introduction of engineering design with applications specific to practical engineering problems. Included are discussion of real-world issues as economics, safety, ethics and the environment.

EEL 4914 Senior Project Design (3) EN EGE
PR: EEL 4906 and Senior Standing, CI. Students apply the knowledge acquired in the classroom to design a system which meets a predetermined set of specifications. Students work individually or in small groups with a faculty member (project director) in their area of interest. (Majors only.)

EEL 4935 Special Electrical Engineering Topics I (1-4) EN EGE
EEL 4936 Special Electrical Engineering Topics II (1-4) EN EGE
EEL 4937 Special Electrical Engineering Topics III (1-4) EN EGE
EEL 5250 Power System Analysis (3) EN EGE
PR: EGN 3375. Analysis and design technique for AC power systems.

EEL 5344C Digital CMOS/VLSI Design (3) EN EGE
PR: EEL 4851C or GS. Design, layout, simulation, and test of custom digital CMOS/VLSI chips, using a CMOS cell library and state-of-the-art CAD tools. Digital CMOS static and dynamic gates, flip-flops, CMOS array structures commonly used in digital systems. Tenth design example of a bit slice processor.

EEL 5356 Integrated Circuit Technology (3) EN EGE
PR: EEL 4351 or GS. Physics and Chemistry of integrated circuit and discrete device fabrication, materials limitations, processing schemes, failure and yield analysis. A laboratory is integral to the course.

EEL 5357 Analog CMOS/VLSI Design (3) EN EGE
PR: EEL 4301 or GS. Design of analog circuits for CMOS/VLSI design. Op amps, comparators, D to A and A to D converters.

Switched capacitor filters, Analog simulation.

EEL 5382 Physical Basis Of Microelectronics (3) EN EGE
PR: EEL 4471 or GS. Quantum mechanics with emphasis on electronic properties in atoms, molecules, and crystals; quantum statistics; energy band theory; crystal structures; defect chemistry; semiconductors and transistors.

EEL 5437 Microwave Engineering (3) EN EGE
PR: EEL 4471, EEL 4102, or GS. Introduction to passive and active components, devices, and circuits, including transmission lines and wave guides, employed in microwave integrated circuits and systems.

EEL 5462 Antenna Theory (3) EN EGE
PR: EEL 4471 or GS. Antenna theory beginning with fundamental parameter definitions and continuing with mathematical concepts, elementary antennas and arrays.

EEL 5572C Local and Metropolitan Area Networks (3) EN EGE
PR: EEL 4512C or GS. Basics of data communication exchange of digital information over communication media; Basics of LANs/ MANs and its components: media topologies, access methods, etc.; LAN/MAN architectures and protocols-IEEE 802.xLAN Standards, High speed LANs such as FDDI, IEEE 802.6 MAN, etc. Internetworking; LAN/MAN Design and selections.

EEL 5574C Microprocessor Based Digital Signal Processing (3) EN EGE
PR: EEL 4705 or CI. Arithmetic systems, processing structures, efficient algorithms. DSP hardware, TI, NEC and other DSP microprocessors; multiprocessing hardware and software. System development. Application to telecommunications and voice processing.

EEL 5771 Introduction to Computer Graphics I (3) EN ESB
PR: EEL 4851C. An introduction to the evolution of computer graphics including vector rendering, non-dimensional transformations and graphics software packages.

EEL 5934 Special Electrical Engineering Topics I (1-3) EN EGE
EEL 5935 Special Electrical Engineering Topics II (1-3) EN EGE
EEL 5937 Special Electrical Engineering Topics III (1-3) EN EGE
EEX 4011 Foundations of Special Education (3) ED EDS
PR: DPR, CR: EEX 4941. Characteristics and needs of children who have learning disabilities, emotional disabilities, hearing impairments, mental retardation, physical handicaps, speech impairments, visual limitations, and who are gifted and talented.

EEX 4054 Perspectives on Learning and Behavioral Differences (3) ED EDS
PR: EEX 4011. The purpose of this course is to introduce students to the historical and theoretical perspectives on educating students with learning and behavioral differences, develop a critical understanding of current practices in service delivery systems, and examine professional issues and trends that impact the future of the field.

EEX 4070 Integrating Exceptional Students in the Regular Classroom (2-3) ED EDS
No credit for department majors. Designed for non-special education majors. Includes basic identification techniques and strategies to promote academic and social integration and interaction of "mainstreamed" exceptional students. Concurrent field experience projects are included.

EEX 4221 Educational Assessment of Exceptional Students (3) ED EDS
PR: EDF 3214, EDF 4430 and EEX 4011. CR: EEX 4941 and EEX 4846. DPR. Introduction to assessment of exceptional students through formal and informal techniques. Emphasis placed on the interpretation of information for educational programming and individualization of instruction.

EEX 4243 Education of Exceptional Adolescents and Adults (3) ED EDS
PR: EEX 4011 or equivalent or DPR. Procedures for implementing educational programs for exceptional adolescents and adults. Topics include service delivery, curriculum, academic remediation, advocacy, utilization of ancillary services, alternative programs and community resources.

EEX 4650A Behavior Management for Special Needs and At-Risk Students (3) ED EDS
PR: EEX 4011. CR: EEX 4941, ELDG 4941, or EMR 4941. Techniques to prevent, analyze, and manage challenging and disruptive classroom behavior.

EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues 6A LW (3) ED EDS
EGN 2082 History of Electrotechnology HP (3) EN EGB
Highlights of the history of electrotechnology and its relation to the development of civilization. The contributions of Volta, Faraday, Morse, Bell, Hertz, Marconi, Franklin, etc. in the context of the development of western civilization. The impact of communications, electronics and computers in the twenty-first century.

EGN 2210 Computer Tools for Engineers (3) EN EGB
PR: MAC 2281. Students will be introduced to computer based engineering tools and techniques for solving engineering problems.

EGN 2802 Theory of Heat and Electricity (4) EN EGB

EGN 3000 Foundations of Engineering (1) EN EGB
Introduction to the profession of engineering. Exposure to the different disciplines of engineering incorporate examples of tools and techniques used in design and presentation.

EGN 3111 Statics (3) EN EGB
PR: PHY 2048. Principles of statics, mechanical equilibrium, forces, moments, plane trusses.

EGN 3331 Mechanics of Materials (3) EN EGB
PR: PHY 2041. Dynamic analysis of structures, stresses, strain, Hooke’s Law, torsion, beam column analysis, combined stresses, inelastic effects.

EGN 3343 Thermodynamics I (3) EN EGB

EGN 3353 Basic Fluid Mechanics (3) EN EGB
PR: PHY 2041. Fundamental and experimental concepts in ideal and viscous fluid theory. Momentum and energy consideration, introduction to hydraulics, pipe flow.

EGN 3358 Thermodynamics, Fluids, and Heat Transfer (4) EN EGB
PR: PHY 2049. Thermodynamic concepts of energy, entropy, work and heat and thermodynamic cycles. Basic concepts of fluid mechanics, including viscous flows, pipe flow with minor losses, simple fluid machinery, momentum and external flow.

EGN 3365 Materials Engineering I (3) EN EGB
PR: CHM 2046; CR: EGN 3311. Structure and property relationships in engineering materials, i.e., ceramic and polymer systems.

EGN 3375 Electromechanical Systems (3) EN EGB

EGN 3383 Materials Science (3) EN EGB
PR: MAC 2282. Introduction to the topics of advanced materials and their applications in engineering systems.

EGN 3385 Electromechanical Systems I (3) EN EGB
PR: MAC 2282. An introduction to the basic concepts of mathematical analysis with special emphasis on engineering applications.

EGN 3613 Engineering Economy (3) EN EGB
A study in analyzing the economic limitations imposed on engineering activities using basic models which consider the time value of money.

EGN 3615 Engineering Economics with Social and Global Implications SS (3) EN EGB
Principals of basic economic models used to evaluate engineering activities and an understanding of the social and ethical implications of financial decisions in a multicultural environment through lectures, case studies and current readings.

EGR 346D Materials Engineering II (3) EN EGB
PR: EGN 3365. Applications and structure property relationships of commonly used engineering materials. Steel, nonferrous alloys...
EIN 4420 Numerical and Computer Methods in Engineering (3) EN EGB

EIN 4450 Introduction to Linear Systems (2) EN EGB
PR: MAC 2282. Study and application of matrix algebra, differential equations and calculus of finite differences.

EIN 4831 Technology and Society MW (3) EN EGB
Non-technical survey of engineering activities: utilities, nuclear power, genetics weaponry, space, etc. Students conduct individual and group study of environmental/cultural problems.

EIN 4905 Independent Study (1-5) EN EGB
PR: CR. Specialized independent study determined by the student's needs and interests.

EIN 4930 Special Topics in Engineering (1-3) EN EGB
PR: CR. New technical topics of interest to engineering students.

EIN 5421 Engineering Applications for Vector Analysis (3) EN EGB
Vector methods in electromagnetism and fluid mechanics. Vector operators, line and flux integrals, potential and transport theorems, applications.

EIN 5422 Engineering Applications of Partial Differential Equations (3) EN EGB

EIN 5423 Neural Networks and Mathematics for Communication (3) EN EGB

EIN 5424 Engineering Applications of Complex Analysis (3) EN EGB
Analytic functions, conformal mapping, residue theory, Laurent series, transforms. Applications to various problems in engineering and physics.

EIN 5425 Engineering Applications of Advanced Matrix Computations (3) EN EGB
Survey of theory and software for matrix computations: factorization methods, least squares and pseudoinverses, eigenvector algorithms. Special matrices and representations for control system and finite element applications.

EIN 5426 Corrosion of Engineering Materials I (3) EN EGX
Provides understanding of corrosion fundamentals. Representation of corrosion processes by polarization diagrams.

EIN 4411 Manufacturing Processes (3) EN EGS
PR: EGS 5171. Introduction to basic manufacturing processes and precision assembly. CAD/CAM including NC programming.

EIN 4601L Automation and Robotics (3) EN EGS
PR: EIN 4411. Introduction to the practices and concepts of automation as applied to material handling, inventory storage, material transfer, industrial processes and quality control.

EIN 4933 Special Topics in Industrial Engineering (1-6) EN EGS
Special topics related to economic analysis, optimization, human factors, manufacturing, and automation aspect of industrial systems. Repeatable up to 5 credit hours.

EIN 5245 Work Physiology and Biomechanics (3) EN EGS
PR: CC, majors only. Human physiological limitations encountered in depth study of design, analysis and evaluation of man-machine systems.

EIN 5322 Principles of Engineering Management (3) EN EGS
Introduction to the fundamentals of planning, organizing, and leadership as needed by engineers, scientists, and other professionals considering management positions.

EIN 5350 Technology and Finance (3) EN EGS
A course for technical managers that focuses on how financial and economic principles are utilized to make technical investments and manage technical enterprises.

EIN 5357 Engineering Value Analysis (3) EN EGS
PR: EIN 5219 or equiv., majors only. Statistical models for analyzing engineering alternatives from an economic viewpoint. The use of advanced engineering economy concepts in solving industrial problems.

EIV 4210 Program Management: Industrial-Technical Education (4) ED EDV
PR: Planning, organizing, motivating and controlling of the learning environment in Industrial-Technical Education classroom and laboratories. Program standards for OSHA, program review, record keeping, and budgeting will be examined.

EIV 4360 Special Teaching Methods: Industrial-Technical Education (4) ED EDV
Instructional techniques in industrial-technical education.

EIV 5315 Program Management: Diversified Cooperative Training (3) ED EDV
Organization, coordination, and budgeting of adult, cooperative, and special programs.

ELD 4011 Introduction to Specific Learning Disabilities (3) ED EDS
PR: EEX 4011 or DPR. Characteristics, needs and abilities of children with SLD. Emphasis is on theories, issues, trends, and philosophy of programs for such children.

ELD 4905 Independent Study: Specific Learning Disabilities (1-3) ED EDS
PR: DPR. S/U only. Specialized independent study determined by student's needs and interests.

ELD 4909 Directed Study: Specific Learning Disabilities (1-3) ED EDS
PR: Senior standing. DPR. To extend competency in teaching classes for children with specific learning disabilities.

ELD 4941 Undergraduate Supervised Practicum in SLD (1-6) ED EDS
PR: EEX 4011. S/U only. Supervised field experiences in assessment, behavior management and clinical teaching with classes for children who have specific learning disabilities.

ELR 3301L Laboratory I (1) EN EGE
PR: EGN 3373. Basic circuit theory applications; computer-aided design tools, electrical measurement techniques.

ELR 3302L Laboratory II (1) EN EGE

ELR 4316L Wireless Circuits & Systems Design Laboratory (2) EN EGE
An extensive hands-on introduction to wireless radio frequency and microwave circuits and systems, involving modern measurements, fabrication and computer-aided design experiences at both component and sub-system levels. Not available on an S/U basis.

EMA 4324 Corrosion of Engineering Materials I (3) EN EGX
PR: EGN 3365L. Principles of electrochemical corrosion and the representation of corrosion processes by polarization diagrams. Origin and prevention of the localized forms of corrosion and approaches to corrosion control.

EMA 5326 Corrosion Control (3) EN EGX
PR: EGN 3365. Provide understanding of corrosion fundamentals. Introduce design for corrosion detection, protection, and control. Include research project experiences.

EME 2040 Introduction to Computers in Education (3) ED EDK
Designed as an introduction to computer technology and its role in teaching and learning, this course covers an assortment of instructional technologies including educational software, artifical multimedia, and models for integrating technology into instruction, productivity tools and telecommunications.

EML 4303 Microcomputers in Education (3) ED EK
A survey course designed to introduce practicing teachers to microcomputer technology and its function in the classroom to augment the teaching and learning processes. Objectives include the use and evaluation of educational software, classroom use of computers, instructional computing research, generic applications software (word processors, database managers, etc.), programming, disk operating systems, and microcomputer hardware.

EML 3035 Programming Concepts for Mechanical Engineers (1) EN EGR
PR: MAC 2281, PHY 2048 Solution of engineering and science problems using programming language such as Visual Basic or Maple. Topics include fundamentals of programming, controlling program flow and arrays. Restricted to majors; not repeatable for credit.

EML 3041 Computational Methods (3) EN EGR
PR: MAP 2302, EML 3035 Techniques to solving engineering problems using numerical methods. Topics include roots of equations, matrix algebra, simultaneous linear equations, numerical differentiation, and curve fitting.

EML 3262 Kinematics and Dynamics of Machinery (3) EN EGR
PR: EGN 3321 Kinematics of machines and mechanisms; position, velocity, and acceleration analysis of mechanisms; cams; gear train; inertia forces in mechanisms; flywheels, balancing of rotating masses.

EML 3303 Mechanical Engineering Lab I (3) EN EGR

EML 3500 Machine Analysis and Design I (3) EN EGR
PR: EGN 3311. Stress and deflection analysis of machine parts, variable loads, endurance limits, fasteners, bearings, power transmission, code consideration of pressure and vacuum vessels, elements of design.

EML 3701 Fluid Systems (3) EN EGR
PR: EGN 3343, EGN 3321. Principles of fluid flow; piping and duct systems; fluid machinery; metering of compressible and incompressible flow; boundary layer theory; dimensional analysis; introduction to aerodynamics.

EML 4031 Visual Basic for Engineers and Scientists (3) EN EGR
PR: EML 3041 Introduces students to the powerful graphical interface language of Visual Basic. Illustrates the use of the language in engineering and science applications.

EML 4106C Thermal Systems and Economics (3) EN EGR
PR: EGN 3301. Power and refrigeration cycles; fuels and combustion; internal combustion engine cycles; co-generation; balances of simple systems.

EML 4124 Heat Transfer (3) EN EGR
CR: EML 3701, EML 3041. Conduction, convection and radiant heat transfer; thermal properties of materials; role of fluid flow in convective heat transfer; design and selection of heat exchangers.

EML 4220 VIBRATIONS (3) EN EGR

EML 4230 Introduction to Composite Materials (3) EN EGR
PR: EML 3500. The course introduces manufacturing types and applications of advanced composites. Students study micromechanical and macro mechanical behavior of a lamina and analyze and design a laminated structure made of advanced composite materials.

EML 4246 Tribology (3) EN EGR
PR: EML 4301. Introduction to friction, lubrication and wear. Contact of real surfaces, mechanics of friction, surface failures, boundary lubrication fluid properties, thin film lubrication, thick film lubrication, bearing and lubricant selection.

EML 4303 Mechanical Engineering Laboratory II (3) EN EGR
PR: EML 3303. Continuation of EML 3303 with emphasis on material and energy balances, stress analysis and vibrations. Lect.-lab. The Team-Project-Time Approach.

EML 4312 Mechanical Controls (3) EN EGR

EML 4325 Mechanical Manufacturing Processes (3) EN EGR
PR: EGN 3365. Description of mechanical material cutting, forming and fabrication methods, as used in modern industrial manufacturing processes.

EML 4395 Motor Selection and Control (3) EN EGR
PR: ENG 3373. Standard electrical voltages; power wiring in industrial plants; NEMA motor designs and their uses; techniques for estimating motor starting times and temperature rises; motor selection, starting, and operating safety interlocks; conventional starting and control systems; programmable controllers; electrical code requirements for conductors and protective devices.

EML 4414 Power Plant Engineering (3) EN EGR
PR: EML 4106C. The study of large scale thermo-electric power conversion for utility systems. Combustion of hydrocarbon fuels, steam, furnace, steam generated auxiliary system design. Topics include control of our emissions, design and performance of combined power facilities.

EML 4419 Propulsion I (3) EN EGR
PR: EML 3701, EML 3500 or CI. Introduction to the design of propulsion systems. Basic analysis of internal combustion, jet and rocket engines. Application to ground and air transportation. Advanced propulsion concepts. Special topics for class discussion.

EML 4421 Internal Combustion Engines (3) EN EGR
PR: EGN 3301. The course is for the introduction of thermodynamics, chemistry, dynamics of machinery, electronics and fluid mechanics. Topics covered are: introduction of engines, fuels and combustion, numerical modeling, ignition, fuel systems, balance of reciprocating and non-reciprocating mechanisms and emission control of exhaust pollutants.

EML 4501 Machine Design (3) EN EGR
PR: EML 3500. Designed to teach students to apply the principles of engineering mechanics, materials and manufacturing to the design analysis of machine elements and mechanical systems. Emphasis is given toward good design practice as well as pitfalls that can result in a catastrophic failure.

EML 4551 Capsule Design (3) EN EGR
CR: EML 4501, EML 4124 Comprehensive design or feasibility project requiring application of previously acquired engineering knowledge; use of ANSYS, CAD AND Pro/E.

EML 4552 Senior Mechanical Design (3) EN EGR
PR: CI. Comprehensive design or feasibility study project. In some cases may be a continuation of EML 4551.

EML 4562 Introduction to Composite Materials (3) EN EGR
PR: EML 3500 and EML 3041. The course introduces manufacturing types and applications of advanced composites. Students study micromechanical and macro mechanical behavior of a lamina and analyze and design a laminated structure made of advanced composite materials.

EML 4601 Air Conditioning Design (3) EN EGR

EML 4905 Independent Study (1-4) EN EGR
PR: CI. Specialized independent study determined by the student’s needs and interests.

EML 4930 Special Topics in Mechanical Engineering (1-4) EN EGR
PR: CC.

EML 5930 Special Topics I (1-4) EN EGR
PR: CC.

EMR 4011 Mental Retardation and Developmental Disabilities (3) ED EDS
PR: EEX 4011 or equivalent. This course is designed to provide students with a broad introduction to the area of mental retardation and developmental disabilities with particular emphasis on the educational aspects. This course is required by the state for certification in mental retardation.

EMR 4250 Educating the Severely/Profoundly Handicapped (3) ED EDS
PR: EMR 3011 or DPR. Emphasis on educational methods and materials for teaching children with severe/profound handicaps. Restricted to majors only.

EMR 4905 Independent Study: Mental Retardation (1-3) ED EDS
SU. May be repeated when subjects vary. DPR. Specialized independent study determined by the student’s needs and interests.

EMR 4995 Directed Study: (1-3) ED EDS
PR: Senior standing. DPR. Offered only as a scheduled class. To extend competency in teaching field.
EMR 4941 Undergraduate Supervised Practicum in Mental Retardation (3-6 ED ED)  
PR: EE 4101. S/U only. DPR. Supervised field experiences in assessment, behavior management, and clinical teaching with children who have mental retardation.

ENC 1101 Composition I 6A EC (3) AS ENG  
PR: ENC 1101 and ENC 1102 must be taken in numerical sequence. Instruction and practice in the skills of writing and reading.

ENC 1102 Composition II 6A EC (3) AS ENG  
PR: ENC 1101. Instruction and practice in the skills of writing and reading.

ENC 1121 Composition I: Honors 6A EC (3) AS ENG  
Reserved for students in University Honors. Honors Section of ENC 1101.

ENC 1122 Composition II: Honors 6A EC (3) AS ENG  
PR: ENC 1121. Reserved for students in University Honors.

ENC 2210 Technical Writing 6A (3) AS ENG  
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. Effective presentation of technical and semi-technical information.

ENC 3211 Communication for Engineers 6A (3) AS ENG  
Focuses on writing concerns of engineers. Deals with the content, organization, format, and style of specific types of engineering documents. Provides opportunity to improve oral presentations.

ENC 3213 Professional Writing 6A (3) AS ENG  
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. Introduction to the techniques and types of professional writing, including correspondence and reports that are often found in business, technical, and scientific communities.

ENC 3310 Expository Writing 6A (3) AS ENG  
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. A course teaching the writing of effective prose, excluding fiction, in which student essays are extensively criticized, edited, and discussed in individual sessions with the instructor.

ENC 4260 Advanced Technical Writing (3) AS ENG  
PR: ENC 2210, or ENC 3310, or CI. Advanced Technical Writing is a course designed to develop writing skills of a high order: technical exposition; technical narration, description, and argumentation; graphics; proposals; progress reports; technical research reports; and feasibility reports.

ENC 4311 Advanced Composition (3) AS ENG  
PR: ENC 3310 or CI. Instruction and practice in writing effective, lucid, and compelling prose, with special emphasis on style, logical argumentation, and critical thinking.

ENC 4931 Selected Topics in Professional and Technical Writing (3) AS ENG  
PR: ENC 3313, ENC 2210, or ENC 3310 or CI. Focus of the course will be determined by student demand and instructor interest.

ENG 4013 Literary Criticism (3) AS ENG  
A study of the works of major literary critics from Aristotle to the present, with emphasis on their meaning, their implied world view, and their significance for our own time and literature. Required for Literature majors.

ENG 4060 History of the English Language (3) AS ENG  
The evolution of language from Anglo-Saxon through Middle English to Modern English. Development of the English lexicon. Changes in the pronunciation, syntax, and semantic systems; discussion of the forms which influenced them.

ENG 4906 Individual Research (1-4) AS ENG  
PR: CC. Directed study in special projects.

ENG 4907 Directed Research (3) AS ENG  
PR: CC. Readings in special topics.

ENG 4935 Honors Seminar I (3) AS ENG  
PR: Admission to English Honors Program. CR: ENG 4936. Variable topics. Students will be expected to participate in class discussion, make formal presentations, and complete a major research project.

ENG 4936 Honors Seminar II (3) AS ENG  
PR: Admission to English Honors Program. CR: ENG 4935. Variable topics. Students will be expected to participate in class discussion, make formal presentations, and complete a major research project.

ENG 4970 Honors Thesis (3) AS ENG  
PR: ENG 4935, ENG 4936. For students writing honors theses.

ENL 3015 British Literature to 1616 (3) AS ENG  
A survey of representative prose, poetry, and drama from its beginnings through the Renaissance, including such poems and figures as Beowulf, Chaucer, Malory, More, Hooker, Skelton, Wyatt, Sidney, Spenser, Shakespeare, Donne, and Jonson.

ENL 3230 British Literature 1616-1780 (3) AS ENG  
A survey of 17th Century and Neoclassical literature, including such figures as Donne, Herbert, Crashaw, Vaughan, Marvell, Milton, Pope, Swift, Johnson, Boswell, and Goldsmith.

ENL 3251 British Literature 1780-1800 (3) AS ENG  
The poetry and poetics of the Romantic figures, with attention to the continuing importance of Romantic thinking in contemporary affairs and letters; a survey of representative figures of the Victorian and Edwardian periods, including poetry, prose, and drama.

ENL 3273 British Literature 1900-1945 (3) AS ENG  
Survey of poetry, drama, and fiction of such writers as Eliot, Yeats, Thomas, Conrad, Shaw, Joyce, Lawrence, Huxley, Woolf, Forster, Waugh, Owen, Auden, O’Casey, and others.

ENL 3323 Shakespeare from an Historical Perspective HP (3) AS ENG  
Examines the plays of Shakespeare from Romeo and Juliet to Othello as manifestations of the social, political, and intellectual forces of the time. Lectures will be available on audio tapes. Will not be counted toward the English major.

ENL 3331 Early Shakespeare (3) AS ENG  
A study of from five to eight of Shakespeare’s comedies, histories, and early tragedies, ending with Hamlet. Special attention to developing the student’s ability to read and interpret the text.

ENL 3332 Late Shakespeare (3) AS ENG  
A study of from five to eight of Shakespeare’s problem plays, major tragedies, and late romances. Special attention to developing the student’s ability to read and interpret the text.

ENL 4122 British Novel Through Hardy (3) AS ENG  
A critical study of British fiction from 1900 to the present, with emphasis on such writers as Conrad, Lawrence, Joyce, Woolf, Huxley, Orwell, Burgess, Murdoch, Golding, and others.

ENL 4303 Selected British Authors (3) AS ENG  
The study of two or three major figures in British Literature. The course may include such writers as Fielding and Austen, Keats and Yeats, Joyce and Woolf. Specific topics will vary. May be taken twice for credit with different topics.

ENL 4311 Chaucer (3) AS ENG  
An intensive study of The Canterbury Tales and major critical concerns.

ENL 4338 Advanced Studies in Shakespeare (3) AS ENG  
PR: ENL 3331 or ENL 3332, or CI. Intensive study of selected plays of Shakespeare, with special attention to significant critical issues and to the Elizabethan and Jacobean cultural setting.

ENL 4341 Milton (3) AS ENG  
Study of the poetry and major prose of John Milton, with special emphasis on Paradise Lost.

ENV 4001 Environmental Systems Engineering (3) EN GX  
CR: ENG 3353. An introduction to various aspects of environmental problems faced by today’s society. Topics covered are: air pollution, water pollution, noise pollution, solid waste management, ionizing radiation, disease transmission, and food protection.

ENV 4004L Environmental Engineering Lab (2) EN GX  
Laboratory experience in the measuring of environmental parameters.

ENV 4351 Solid Waste Engineering (2) EN GX  
Introduction to the principles of integrated municipal solid waste management: waste minimization, recycle and disposal options. Design of landfill disposal systems. Course restricted to Civil and Environmental Engineering majors.

ENV 4417 Water Quality and Treatment (3) EN GX  
PR: EGN 3353 An introduction to municipal water supply and waste water treatment. Topics include water requirements and waste volumes, water quality, physical and chemical treatment processes, and advanced wastewater treatment processes.

ENV 4502 Water Treatment Engineering (3) EN GX  
PR: EGN 3353. CR: ENV 4001. The theory and the design of unit operations normally used in the practice of environmental engineering, such as agitation and mixing of liquids, filtration, leaching, gas absorption, sedimentation and clarification, drying, and evaporation.

ENV 4503 Wastewater Treatment Engineering (3) EN GX  
PR: ECH 3023C, EGN 3353, ENV 4001. The theory and design of unit processes normally used in environmental engineering such as
as coagulation of colloidal materials, water stabilization, water softening, aeration, ion exchange, adsorption and oxidation processes for removal of iron and magnesium.

ENV 4552C Environmental Unit Operations and Processes (3) EN EGX
PR: ENV 4001, ENV 4417 or CI. Theory, experimental investigation, and modeling of operations and processes in engineered and natural systems. Laboratory evaluation of unit operations and processes used in water and wastewater treatment including coagulation, activated carbon adsorption, biological treatment, gas/liquid mass transfer, filtration, coagulation, flocculation, and settling. Application of experimental data to process analysis and design. Field monitoring of surface water quality; simulation of transport and transformation of pollutants in surface waters.

ENV 4891 Capstone Environmental Engineering Design MW (3) EN EGX
PR: CWR 4103, ENV 4001, ENV 4417. A capstone environmental design experience for seniors in Civil and Environmental Engineering. A design oriented course to design both industrial and domestic water treatment and water transport systems and wastewater and collection systems. The course emphasizes the design process normally used in engineering practice.

ENV 5103 Air Pollution Control (3) EN EGX
PR: EGN 3353. Behavior and effects of atmospheric contaminants and the principles of making measurements in the air environment. Basic concepts of meteorology and air pollution control and transport and transformation of pollutants in natural systems. Laboratory evaluation of unit operations and processes from within the plant to final disposal. History of hazardous waste cleanup leading to CERCLA and its amendments, site investigations; site control; those aspects of treatment that are unique to remedial action. (PR: undergraduate preparation in environmental engineering or an environmental science program)

ENV 5334 Hazardous Waste Management and Remedial Action (3) EN EGX
PR: ENV 5345 and one of the following: ENV 6347, ENV 6519, ENV 6558; or CI, majors only. Introduction to hazardous waste management and remediation: RCRA regulatory concepts, definitions, aspects of hazardous waste management from within the plant to final disposal. History of hazardous waste cleanup leading to CERCLA and its amendments, site investigations; site control; those aspects of treatment that are unique to remedial action. (PR: undergraduate preparation in environmental engineering or an environmental science program)

ENV 5345 Solid Waste Control (3) EN EGX
PR: CI. Introduction to solid waste management, including its definition as an umbrella for hazardous waste; regulatory concepts; waste types, quantities, and characterization; collection and recycling; facility siting; disposal; thermal treatment. (PR: undergraduate preparation in environmental engineering, or graduate standing in environmental engineering or an environmental science program)

ENV 5504C Environmental Engineering Processes (3) EN EGX
PR: ENV 4001, ENV 4004L, ENV 4417 Theory, experimental investigation, and modeling of operations and processes in engineered and natural systems. Laboratory evaluation of unit operations and processes used in water and wastewater treatment including coagulation, activated carbon adsorption, biological treatment, gas/liquid mass transfer, filtration, coagulation, flocculation, and settling. This course is restricted to majors, has no external laboratory section associated with the course, is not cross-listed with another department or college.

ENY 3004 Introduction to Entomology (3) AS BIO

ENY 5505 Aquatic Entomology (3) AS BIO
PR: ENV 3004 or CI. Taxonomy, development, and ecology of aquatic insects with emphasis on local forms. Lec.-lab.

EPH 5051 Advanced Theories in Motor and Physical Disabilities (3) ED EDS
PR: EAS 4011 or DPR. Biological and functional aspects of motor and physical disabilities, including dysfunctions in central nervous system covering motor, sensory, language and psychological disorders.

EPH 5321 Educational Strategies for Physically and Multihandicapped Students (3) ED EDS
PR: EPH 5051. Educational management of students with cerebral palsy, motor disabilities and multihandicapped conditions including rehabilitation, educational strategies and the principles of education.

ESE 5342 Teaching the Adolescent Learner (3) ED EDI
Emphasis is placed on adolescent developmental and learning needs linking them to practices in the classroom appropriate to the diverse secondary education population (ESOL, special education, multicultural, at-risk, etc.) in preparation for planning responsive lesson plans and instruction.

ESE 5344 Classroom Management for a Diverse and Society (3) ED EDI
This course covers practical, theoretical, philosophical and ethical aspects of the role of the teacher in society, the education profession, and secondary schools with particular focus on classroom management, school violence, school safety, educational law and other critical social issues.

ESI 4221 Industrial Statistics and Quality Control (3) EN EGX
PR: EGN 3443, EIN 4411. Application of statistical techniques to the control of industrial processes. Control charts, acceptance sampling, design of experiments, analysis of variance and regression.

ESI 4244 Design of Experiments (3) EN EGX
PR: EGN 3443. Activity forecasting models and control. Design and use of inventory control models, both designs applicable to engineering analyses. Analysis of variance and regression.

ESI 4312 Deterministic O. R. (3) EN EGX
PR: EGN 4450. An introduction to operations research techniques with particular emphasis on deterministic models. Linear programming, dynamic programming, goal programming, integer programming, and PERT/CPM networks are considered.

ESI 4313 Probabilistic O. R. (3) EN EGX

ESI 4523 Industrial Systems Simulation (3) EN EGX
PR: ESI 4313. A study of the development and analysis of computer simulation models: Monte Carlo, time-slice, and next-event. Introduction to special purpose simulation languages.

ESI 4905 Independent Study (1-5) EN EGS
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests.

ESI 4911 Senior Project (2) EN EGX
PR: EGN 4364, CR: EGN 4333. ESI 4523. Analysis and design of systems in a directed project format. Individual or group work consisting of project proposal, project activities, and final report. Student projects are directed by faculty, with chairman's approval.

ESI 5261 Statistical Methods For Engineering Managers (3) EN EGX
Not open to students who have had EGN 3443. Study of statistical methods applied to engineering management problems involving estimation and prediction under conditions of uncertainty.

ESI 5263 Reliability Engineering (3) EN EGX
PR: ESI 5219 or equiv., majors only. PR: EGN 3443 or equivalent. Fundamental concepts of reliability. Estimation of reliability of systems and components. Measures of availability, maintainability and reliability.

ESI 5306 Operations Research For Engineering Management (3) EN EGX
Not open to students who have had ESI 4315, ESI 5219 or equiv., majors only. Linear programming, non-linear programming, queueing, inventory, network analysis.

ESI 5470 Manufacturing Systems Analysis (3) EN EGX
PR: CC, majors only. The study of systems of manufacturing entities such as machine tools, robots, and materials handlers. Emphasis is on mathematical description of integrated systems and system optimization.

ESI 5522 Computer Simulation (3) EN EGX
PR: ESI 4521 or equiv., majors only. Design of discrete and continuous simulation models. Model validation and verification. Statistical analysis of simulation model output.

ETG 4931 Special Topics in Technology I (1-5) EN ESB
PR: CI. No credit for Engineering Majors.

ETG 4932 Special Topics in Technology II (1-5) EN ESB
PR: CI. No credit for Engineering Majors.

EUH 2011 Ancient History I (3) AS HTY
An introductory survey of ancient history. EUH 2011 treats the ancient Near East and Greece from the origins of civilization to the full development of the Hellenistic kingdoms prior to conflict with Rome.

EUH 2012 Ancient History II HP (3) AS HTY
An introductory survey of ancient history. EUH 2012 deals with Rome through the Regal, Republican, and Imperial periods, from the other community sources.

EUH 2021 Medieval History I HP (3) AS HTY
A thematic survey of the Middle Ages. EUH 2021 deals with the nascent, Christian civilization of Europe, circa 300-1050 A.D.

EUH 2022 Medieval History II HP (3) AS HTY
EUH 2030 Modern European History I HP (3) AS HTY
A thematic survey of Europe in the modern age. EUH 2030 treats
the period from the Renaissance to the French Revolution.

EUH 2031 Modern European History II HP (3) AS HTY
A thematic survey of Europe in the modern age. EUH 2031, treats
the period from the French Revolution to the present.

EUH 3142 Renaissance and Reformation (4) AS HTY
A history of Europe from the Renaissance to the Thirty Years’ War
(1400-1618). The cultural, social, and economic characteristics
will provide the framework for artistic, philosophical, religious,
and political developments.

EUH 3181 Medieval Culture (4) AS HTY
A survey of thought, culture, and art in the Middle Ages. Medieval
attitudes as manifested in literature, art, philosophy, education,
and religion; with emphasis upon Medieval man’s changing
perception of himself and his world.

EUH 3185 Viking History (4) AS HTY
The role of the Vikings in the shaping of Western history. A
comprehensive survey of their institutions, outlook and daily life.
Viking expansion into Europe and North America.

EUH 3188 Medieval Society (4) AS HTY
A study of the daily life and attitudes of the medieval noblemen,
peasant, townsman, and the agrarian-urban economy and society
which affected their lives.

EUH 3189 Medieval Politics (4) AS HTY
An inquiry into the nature, distribution, and use of political power
during the Middle Ages, in such institutions as feudalism, monarchy,
cities, and the church.

EUH 3202 History of 17th and 18th Century Europe (4) AS HTY
A history of Europe from the beginning of the Thirty Years’ War to
the outbreak of the French Revolution. Political and intellectual
developments will be assessed in the light of society and the
economy.

EUH 3205 History of Nineteenth Century Europe (4) AS HTY
A comparative study of economic, political, social, and intellectual
developments in nineteenth century Europe.

EUH 3206 History of Twentieth Century Europe (4) AS HTY
A comparative study of economic, political, social, and intellectual
developments in twentieth century Europe.

EUH 3401 Classical Greece (4) AS HTY
A study of ancient Greece focusing on the brilliant period following
the Persian Wars, but embracing as well the formative Bronze, Middle
and Archaic ages, and the decline culminating in the
conquest of Greece by Philip II of Macedon in 338 B.C.

EUH 3402 Age of Alexander (4) AS HTY
A study focusing on the career of Alexander the Great and on the
Greek and Macedonian conquest of Imperial Persia. Also treated
are the great hellenistic kingdoms prior to Rome’s conquest of the eastern
Mediterranean.

EUH 3412 Roman Republic (4) AS HTY
A study of the Roman Republic from 609 B.C. to the assassination
of Julius Caesar in 44 B.C., with a prelude treating Rome’s early
development under royal rule. Political growth and change provide
the framework for the treatment.

EUH 3413 Roman Empire (4) AS HTY
A study of Imperial Roman from the assassination of Julius Caesar
in 44 B.C. to the death of the emperor Constantine in A.D. 337.
Emphasized is Rome’s government of a vast Mediterranean
empire including much of the near East and Europe.

EUH 3461 German History to 1870 (4) AS HTY
A political, social, and cultural approach to the history of the
Germanys from 1500 through 1870, with emphasis on the Protestant
Reformation, the rise of Brandenburg-Prussian, and the unification
under Bismarck.

EUH 3462 German History 1870 to the Present (4) AS HTY
A political, social, and cultural approach to the history of the
German Empire from 1870 through the 1970’s. The nation’s two
attempts to try for world power status are highlighted, as well as the
Weimar Republic, prototype of the embattled democracy.

EUH 3501 British History to 1688 (4) AS HTY
A study of major developments in British history from the 15th
century to 1688.

EUH 3502 British History 1688 to Present (4) AS HTY
A study of the major themes of British history since the Glorious
Revolution, including social, political, and economic developments
leading to the creation of the modern demographic welfare state.

EUH 3574 History of Imperial Russia, 1689-1917 (4) AS HTY
A survey of social, political, economic, and cultural development in
the Russian Empire from Peter the Great to Nicholas II. Topics
include the expansion and modernization of the Empire, the
culture of the Imperial court, peasant rebellions, social and legal
reforms, the role of the West, and the collapse of the Romanov
dynasty.

EUH 3576 History of the Soviet Union, 1917-1991 (4) AS HTY
A study of Soviet society under communism from the Revolution
to the USSR. Topics include the origins and development of revolutionary
socialism, the Bolshevsk seizure of power, Stalinism and the Great Terror,
popular dissent and resistance, the treatment and experience of ethnic minorities,
Sorbachev and the dissolution of the Soviet Union.

EUS 3000 Europe SS (3) AS INT
Area study courses are multi-disciplinary in nature and deal with
one or more countries of a region. Each course combines some
measure of political, economic, historical, religious, geographic,
anthropological, and sociological analysis in dealing with salient
features and current problems.

EUS 3022 Russia SS HP AF (3) AS INT
Area study courses are multi-disciplinary in nature and deal with
one or more countries of a region. Each course combines some
measure of political, economic, historical, religious, geographic,
anthropological, and sociological analysis in dealing with salient
features and current problems.
EVT 4365 Basic Teaching Methods in Vocational Education (4) ED
EDV
Examines the role of the vocational instructor in the teaching learning process; looks at factors that promote and inhibit learning. Reviews a wide variety of instructional approaches, techniques and methods; includes selection of techniques for situations.

EVT 4367 Assessing Student Skill in Industrial Technical Education (4) ED EDV
Techniques for assessing student’s mastery of skills in industrial/ technical education. Focuses on specific competencies including developing and administering performance tests, monitoring student process, and others. Open to majors and non-majors.

EVT 4582 Vocational Education for Special Needs Students (4) ED EDV
Focuses on modifying the vocational education curriculum, laboratory, shop, student outcomes, learning activities, tests, media, etc. to accommodate the unique learning needs of minority, handicapped, disadvantaged, non-traditional and other special needs students.

EVT 4651 Equity in Schools and the Workplace 6A MW (3) ED EDV
Issues related to gender equity in schools and the workplace. Includes legal, ethical, psychological, sociological, and economic factors, social agencies, businesses and industries on site.

EVT 4905 Independent Study: Industrial-Technical Education (1-4) ED EDV
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests.

EVT 4909 Directed Study: Industrial-Technical Education (1-3) ED EDV
PR: CI. To extend competency in teaching field.

EVT 4936 Senior Seminar in Industrial-Technical Education (2) ED EDV
PR: Senior standing; CR: EVT 4940. Synthesis of teacher candidate’s courses in complete college program.

EVT 4940 Internship: Industrial-Technical Education (1-12) ED EDV
CR: EVT 4936. S/U only. One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9-12 semester hours.

EVT 4946 Supervised Field Experience: Industrial-Technical Education (1-6) ED EDV
PR: CI. S/U only. Planned supervised functions in the area of specialization and coordinated with selected schools, government, offices, social agencies, businesses and industries on site.

EVT 5369 Preparation and Development for Teaching (4) ED EDV
The development of selected instructional materials, use of new educational media, performance evaluation instruments, and counseling techniques.

EVT 5664 School Community Development (3) ED EDV
Identifying, assessing, and analyzing, individual, institutional and community needs for the purpose of cooperative program planning, community involvement, and public support.

EXP 4104 Sensory Processes (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Available to both majors and non-majors. Psychophysical and neurophysiological data and theory underlying sensory processes. Visual, auditory, chemical, and somatosensory systems, with particular emphasis on visual processes.

EXP 4204C Perception (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Topics include sensory and physiological bases of perception and how people process relevant information in their environments.

EXP 4304 Motivation (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. A survey of motivational processes and mechanisms from physiological and psychological viewpoints.

EXP 4404 Psychology of Learning (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations in conditioning and instrumental learning.

EXP 4523C Cognitive Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Survey of methods, empirical findings, and theoretical interpretations of human learning, information processing, verbal learning, and judgment and decision-making.

EXP 4640 Psychology of Language (3) AS PSY
Historical survey of relations between psychology and linguistics leading to the emergence of psycholinguistics as a field of study. Current status of theory and research in the field.

FIL 2001 Film: The Language Of Vision 6A FA (4) VP ART
Exploration of the history of creative filmmaking from its beginnings to the present time. Open to both majors and non-majors.

FIL 3004 The Film as Mass Communication I: Syntax (3) AS COM
PR: MMC 2120 and MMC 3602 or DPR. The language, conventions, elements, and patterns of the film medium as related to current models of effective mass communication and new theories of nonverbal communication.

FIL 3201C Beginning Film (3) VP ART
Intermediate problems in film with emphasis on the exploration of materials and media and the development of individual concepts.

FIL 3510 World Cinema FA (4) VP ART
Offers international perspectives through an examination of films from around the world. Each week narrative films from acclaimed directors will be screened. Read about and discussed.

FIL 4202C Advanced Film (3) VP ART
PR: FIL 3510C. More advanced projects in filmmaking to further develop works both technically and conceptually.

FIL 4404 Social History of the Film, 1945 to the Present (3) AS COM
PR: MMC 2120 and MMC 3602 or DPR. The development of the film from 1945 to the present.

FIL 5205C Cinematography (4) VP ART
PR: PSY 4520C. Advanced studio work using black and white, color and sound as technical and aesthetic factors in visual, artistic productions.

FIN 2104 Personal Finance (3) BA FIN
Not available for credit to upper-level students who have been admitted to the College of Business. May not be counted toward major requirements in FIN or GBA. Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, home ownership, and personal investing, with attention given to current economic and legal constraints.

FIN 2106 Introduction to Investments (3) BA FIN
Not available for credit to upper-level students who have been admitted to the College of Business. May not be counted toward major requirements in FIN or GBA. Emphasizes the operations of the security markets and the risks and returns of alternative investment media. Designed for non-business administration students.

FIN 2935 Selected Topics in Finance (1-6) BA FIN
Not available for credit to upper-level students who have been admitted to the College of Business Administration. Topics to be selected by department chair.

FIN 3233 Money and Banking (3) BA FIN
PR: ECO 2013. Examines the structure and operations of our monetary system, commercial banking, central banking, money, and capital markets, and provides an introduction to monetary theory and policy.

FIN 3403 Principles of Finance (3) BA FIN
PR: ACG 2071 or CI. Study of the processes, decision structures, and institutional arrangements concerned with the use and acquisition of funds by a firm. Includes the management of the asset and liability structure of the firm under certain and risky situations. The financial decision process will include and recognize the international as well as domestic aspects of financial management.

FIN 3604 International Finance (3) BA FIN
PR: ECO 2013 and FIN 3403 or CI. Study of factors affecting international business, assessment of risks, international managerial finance, institutions and instruments of international business finance.

FIN 4245 Federal Reserve System and Monetary Policy (3) BA FIN
PR: FIN 3233 or CI. An analysis of the Federal Reserve System, with special emphasis on monetary theory and the formulation and administration of monetary policy.

FIN 4303 Financial Institutions and Markets (3) BA FIN
PR: FIN 3403. A study of financial institutions and their roles in the capital markets; includes the savings allocation, investment, and financial decision making processes.

FIN 4324 Bank Management (3) BA FIN
PR: FIN 3403 and FIN 3233. Application of traditional finance concepts to the management of commercial banks with emphasis on decision making and problem-solving techniques to major problems in banks.

FIN 4412 Working Capital Management (3) BA FIN
PR: FIN 3403. An examination of short-term financial management - that is, policies and decisions related to managing the current
operations of a firm. Topics to be covered include cash management, credit and collection policy, inventory decisions, and sources of short-term financing.

FLE 4414 Advanced Corporation Finance (3) BA FIN
PR: FIN 4504. An examination of the financial policies of corporations, with special reference to dividend policy, financial structure, capital expenditures, acquisitions, mergers, and reorganizations.

FLE 4443 Financial Policies and Strategies (3) BA FIN
PR: FLE 4414. A seminar for majors in Finance. Primarily a case course examining financial policies and the application of financial analysis to alternative strategies.

FLE 4461 Financial Statement Analysis (3) BA FIN
PR: FIN 3403. Provides an understanding of the relationship between financial statements produced in accordance with GAAP and the informational content such statements provide. After completing the course, the student should have a better understanding of the usefulness of published financial statements to various users in a variety of circumstances.

FLE 4504 Principles of Investments (3) BA FIN
PR: ECO 2013 and FIN 3403. Survey of the risks and returns of investment media in relation to the investment objectives of individual and institutional investors. Includes an examination of the capital markets, information flows, and analytical techniques in terms of their impact on the valuation process.

FLE 4514 Advanced Investment Analysis and Management (3) BA FIN
PR: FIN 4504. A comprehensive study of security analysis and portfolio management. The course will utilize a quantitative approach to investment selection and management.

FLE 4905 Independent Study (1-3) BA FIN
PR: CI, CC. S/U only. Specialized independent study determined by the student's needs and interests.

FLE 4915 Independent Research (1-3) BA FIN
PR: CI. The research project will be mutually determined by the student and instructor.

FLE 4934 Selected Topics in Finance (1-3) BA FIN
Topics to be selected by instructor and department chairperson on pertinent finance issues.

FLE 4290 Technology in the Foreign and Second Language Classroom (3) ED EDX
This course prepares pre-service and in-service teachers to infuse technology into foreign language and ESOL instruction. Students will develop technology skills and knowledge based on sound pedagogical principles that reflect research and theory in Second Language Acquisition and will apply this practical and theoretical knowledge to K-16 Foreign Language/ESOL instructional situations.

FLE 4314 Methods of Teaching Foreign Languages and ESOL in the Elementary School (3) ED EDX
PR: EDG 4620 or concurrent registration. Fluency in target language and in English. Methods of planning and teaching foreign languages in the elementary school. The emphasis is on teaching communicatively and on integrating culture in the K-6 classroom.

FLE 4316 Language Principles and Acquisition (1-3) ED EDX
PR: FLE 4316. Overview of applied Second Language Acquisition theory and the components of language, linking them to methods and techniques of providing comprehensible instruction and supporting the development of oral proficiency and literacy skills for (LEP) children.

FLE 4333 Methods of Teaching Foreign Languages and ESOL in the Secondary School (3) ED EDX
PR: FLE 4314. Fluency in the target language and in English or DPR. Methods of teaching foreign languages within a communicative framework. Includes theory, evaluation, and practice of current instructional techniques in listening, speaking, reading and writing skills, testing, error correction, and computer assisted language instruction. The emphasis is on teaching foreign languages and teaching for cultural understanding at the secondary level 7-12.

FLE 4365 ESOL Competencies and Strategies (1-3) ED EDX
Designed to enable participants to meet the special limitations and cultural educational needs of LEP students in content area classrooms. Designed to provide a theoretical and practical foundation for ESOL competencies and strategies.

FLE 4370 Practicum in Foreign Language Teaching in the Secondary School (3) ED EDX
PR: Senior standing or enrollment in Plan II Master's Program or DPR. Required concurrently with FLE 4314 or FLE 4333. Fluency in the target language and in English. Pre-internship field experience in a K-12 environment. Will include observation and practice in a K-12 classroom as well as class meetings.

FLE 4936 Senior Seminar in Foreign Language Education (2) ED EDX
PR: Senior standing. Required concurrently with internship. Seminar in the analysis of teacher candidate's courses in complete college program.

FLE 4940 Internship: Foreign Language Education (1-12) ED EDX
Intern takes Senior Seminar in Education concurrently. S/U only.

FLE 5365 ESOL Education in Content Areas (3) ED EDX
Enables participants to meet the special linguistic & cultural educational needs of limited English proficient (LEP) students in content area classes. Provides a theoretical & practical foundation for ESOL competencies in courses include ESOL infusion.

FOL 3100 General Foreign Language I (1-4) AS WLE
A general purpose course that may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or in professional translation.

FOL 4101 General Foreign Language II (1-3) AS WLE
A general purpose course that may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or for workshops in professional interpreting.

FOL 4906 Directed Study (1-3) AS WLE
Departmental approval required.

FOL 4915 Independent Study (1-3) AS WLE
PR: FOL 4101 or equivalent.

FRE 1120 Beginning French I Laboratory (1) AS WLE
CR: FRE 1120L. The first course in the study of elementary French. Emphasis on the development of basic skills in comprehension, speaking and reading.

FRE 1120L Beginning French I Laboratory (1) AS WLE
CR: FRE 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

FRE 1121 Beginning French II (4) AS WLE
PR: FRE 1120 or equivalent. CR: FRE 1121L. A continuation of FRE 1120.

FRE 1121L Beginning French II Laboratory (1) AS WLE
CR: FRE 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

FRE 1170 Overseas Study-Elem. French (4) AS WLE
Departmental approval required. Elementary-level French taught in France. In lieu of FRE 1120 and FRE 1121.

FRE 2200 French III (3) AS WLE
PR: FRE 1120 or equivalent. A review of the basic structure of French.

FRE 2201 French IV (3) AS WLE
PR: FRE 2200 or equivalent. Readings in French on the intermediate level.

FRE 2240 Conversation II (3) AS WLE
PR: FRE 2241 or equivalent proficiency. Conversation practice with concentration on current idiomatic usage.

FRE 2241 Conversation I (3) AS WLE
PR: FRE 1121. For development of basic conversational skills.

FRE 2270 Overseas Study-Intro. French (1-6) AS WLE
PR: Two semesters of university-level French or equivalent proficiency. Departmental approval required.

FRE 3230 Reading in French Literature and Culture (3) AS WLE
PR: FRE 2201 or equivalent. This course is designed to build reading skills in French while giving students a broad background in French culture.

FRE 3420 Composition I (1-3) AS WLE
PR: FRE 2200 and/or FRE 2201. A fundamental composition course for students who have completed FRE 2200 and/or 2201.

FRE 3440 French For Business (3) AS WLE
PR: FRE 2200 or equivalent. An introduction to the French language for business transactions.

FRE 3470 Overseas Study (1-6) AS WLE
Departmental approval required. An intensive study-travel project in France.

FRE 3500 French Civilization (3) AS WLE
Readings and discussion on the cultural history of France.

FRE 3502 The Francophone World (3) AS WLE
An undergraduate 3 credit course, which offers an overview of the
main French speaking cultures throughout the world, outside of France: French Canada, the Caribbean, Belgium, Switzerland, the Maghreb, Sub-Saharan Africa, the Indian Ocean, the Middle East, Southeast Asia, Louisiana.

FRW 4392 African Images in Francophone Film HP AF SS MW (3) AS WLE
This is a film based course and technologically enhanced course which will look at cultural, socio-economic, political and gender issues in French speaking Africa. Course materials will be available in English and French.

FRW 4421 Composition II (3) AS WLE
Continuation of French composition. This course is designed to follow FRW 3420.

FRW 4471 Advanced Overseas Study (1-6) AS WLE
PR: FRE 3470 or CI. Departmental approval required. Intensive language study in France.

FRW 4700 French Linguistics (3) PR: LIN 3010 and FRE 2201 or equivalent. An introduction to the phonological, morphological and syntactic structure of French.

FRW 4905 Directed Study (1-3) AS WLE
Departmental approval required.

FRW 4930 Selected Topics (1-3) AS WLE
Study of an author, movement or theme.

FRW 5425 Advanced Written Expression (3) AS WLE
PR: FRE 4421 or equivalent. Course is designed to give advanced training in free composition and French.

FRW 5566 Contemporary France (3) AS WLE
PR: FRE 3500 or equivalent or graduate standing. An advanced course in French civilization and culture including a study of recent social, artistic, and political trends, as well as various current intellectual movements. Text and discussions in French.

FRT 3001 Great French Love Stories in Translation MW (3) AS WLE
An overview of the evolution of the concept of romantic and passionate love in French literature throughout the centuries and its impact on western literature and thought.

FRT 3140 French Literary Masterpieces in English Translation MW (3) AS WLE
A survey of the major literary works of France, tracing not only literary but intellectual and cultural history from the Middle Ages to the present.

FRW 4100 The French Novel MW (3) AS WLE
PR: FRE 3230, FRE 3420 or CI. Study of the most representative novels from the 17th - 20th centuries in France, examining literary movements, ideas, and techniques. Course taught in French.

FRW 4101 Introduction to French Drama and Poetry MW (3) AS WLE
PR: FRE 3230. A study of the history of drama and poetry. Will include medieval drama, Racine, Corneille, Molière, Anouilh, Sartre, Ionesco and others. Will also include Villon, Ronsard, Du Bellay, Lamartine, Hugo, Vigny, Musset, Baudelaire, Rimbaud, Valery, Peugy, Eliard, Apollinaire, Char, and others. Course content may vary from year to year. Course taught in French.

FRW 5222 Classical Prose and Poetry (3) AS WLE
PR: FRW 4101. Emphasis on Malherbe, Descartes, Pascal, La Fontaine, and Boileau.

FRW 5226 20th Century Poetry and Theatre (3) AS WLE
PR: FRW 4101. Valery, Claudel, Anouilh, Motherland, Sartre, Ionesco, and Balzac.

FRW 5556 Naturalism and Realism (3) AS WLE
PR: FRW 4100 or FRW 4101. A detailed study of realism and naturalism with emphasis on Flaubert, Zola, les Goncourt, Maupassant, and Daudet.

FRW 5554 Selected Topics (1-3) AS WLE
PR: Upper-level or graduate standing. Study of an author, movement or theme.

FSS 3220 Introduction to Food Production Management (3) US HM
Food preparation, standards and techniques in commercial food production and service. Factors affecting the quality of food, practical experience in food production and service, in accordance with food standards, sanitation & safety and cost control.

GEA 2000 World Regional Geography SS HP AF (4) AS GPY
Comparative and analytical analysis of representative regions of the world with emphasis on cultural, political, economic, environmental, and physical diversity.

GEA 3194 Regional Geography (4) AS GPY
Variable title course to systematically study and compare special regions identified by the instructor.

GEA 3300 Geography of Middle America (4) AS GPY
GEA 3405 Geography of Latin America 6A (4) AS GPY
GEA 3500 Geography of Europe 6A (4) AS GPY
GEA 3703 Geography of Asia (4) AS GPY

GEA 2350 Doing Business Around the World SS MW (3) BA GBA
This course introduces the student to: 1) the nature of international business; 2) the framework of international organizations and the monetary system within which international business functions; 3) financial and accounting issues in international commerce; and 4) management responses to problems caused by international environments.

GEB 2935 Selected Topics in Business (1-6) BA GBA
Topics to be selected by department chairs.

GEB 4890 Strategic Management and Decision Making MW (3) BA GBA
PR: Senior standing and FIN 3403, MAR 3405. Course is designed to give advanced training in free composition and French.

GEB 4905 Independent Study (1-3) BA GBA
PR: CI. S/U only. Specialized independent study determined by the student's needs and interests.

GEB 4915 Independent Research (1-4) BA GBA
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.

GEB 4935 Selected Topics in Business Administration (1-4) BA GBA
PR: Designed to give advanced in free composition and French.

GEO 3013 Introduction to Earth System Science NS (3) AS GPY
CR: GEO 3013L. Principles of physical geography; maps, earth-sun relationships; meteorological, hydrological, pedological, aeolian, and glacial processes; and resultant landforms.

GEO 3031L Introduction to Physical Geography Lab (1) AS GPY
Laboratory portion of introduction to physical geography (GEO 3031).

GEO 3164C Quantitative Methods (4) AS GPY
PR: 12 credit hours in Geography or CI. Statistical analysis in geographic research.

GEO 3400 Digital Thematic Mapping (4) AS GPY
An introduction to the concepts underlying modern, computer-based mapping and to the collection and storage of digital spatial data.

GEO 3402 Human Geography (4) AS GPY
Systematic treatment of human activities on earth; population, settlement, agriculture, industry, trade, transportation, and political aspects are among those considered.

GEO 3602 Urban Geography (4) AS GPY
PR: GEO 3402 or CI. Special analysis of urban areas; growth,
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>College</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4114C</td>
<td>Geographic Techniques and Methodology (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3141C and GEO 3164C, or CI. Selected topics in various geographic techniques and methodologies and their application.</td>
</tr>
<tr>
<td>GEO 4131C</td>
<td>Remote Sensing of the Environment (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3140C and GEO 3164C, or CI. Analysis of satellite images and aerial photographs for studies of the environment.</td>
</tr>
<tr>
<td>GEO 4151C</td>
<td>Geographic Information Systems (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3140C and GEO 3164C, or CI. An introduction to the concepts underlying Geographical Information Systems, with an emphasis on analytical capabilities of such systems in both raster and vector domains.</td>
</tr>
<tr>
<td>GEO 4201C</td>
<td>Advanced Physical Geography (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013 or CI. Intensive study of a topic selected from physical geography.</td>
</tr>
<tr>
<td>GEO 4210</td>
<td>Process Geomorphology (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013 or GLY 2010 or CI. Origin, evolution, and distribution of the landforms of North America.</td>
</tr>
<tr>
<td>GEO 4244</td>
<td>Tropical Meteorology NS (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013, one approved Calculus course, or CI. This course examines the tropical atmosphere, its interaction with land and ocean, as well as weather and climate phenomena that are unique to the tropics. Students will take an in-depth look at hurricane climatology, the El Nino and Southern Oscillation phenomenon, thunderstorms and lightning, monsoons, sea-breeze convergence and Florida climatology, surface energy exchange, land use change and its impact on tropical climates.</td>
</tr>
<tr>
<td>GEO 4265</td>
<td>Soil Genesis and Classification (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013 or CI. A systematic study of soil genesis and classification with a focus on North American and Florida soils.</td>
</tr>
<tr>
<td>GEO 4280C</td>
<td>Hydrology (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013 or CI. Introduction to the general principles that govern hydrologic processes. Approaches to hydrologic measurements and the application of hydrologic analyses to water-resource management issues are examined.</td>
</tr>
<tr>
<td>GEO 4300</td>
<td>Biogeography (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3013 and GEO 3164C, or CI. Analysis of the present and past distribution of species at an intermediate to large spatial scale.</td>
</tr>
<tr>
<td>GEO 4340</td>
<td>Natural Hazards (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3164C or CI. Examination of the physical, social, economic, political and cultural forces that create the phenomena of natural hazards. Case studies from around the world will include floods, droughts, tornados, hurricanes, freezes, heat waves, wild fires, earthquakes, tsunami, and volcanoes.</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Global Conservation 6A MW (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>The distribution, exploitation, and conservation of physical and human resources, especially in the tropics.</td>
</tr>
<tr>
<td>GEO 4421</td>
<td>Cultural Geography (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3402 or CI. The interrelationships of culture and nature, from ancient times to the present.</td>
</tr>
<tr>
<td>GEO 4425</td>
<td>Political Geography MW (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3402 or CI. The geographic factors underlying political decisions and influencing their outcome; the geographic consequences of these decisions; geopolitics.</td>
</tr>
<tr>
<td>GEO 4502</td>
<td>Economic Geography (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3402 or CI. The spatial organization of economic production, consumption, and exchange systems.</td>
</tr>
<tr>
<td>GEO 4604</td>
<td>Advanced Urban Geography MW (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3402, GEO 3602, or CI. Intensive examination of issues such as economic restructuring and inner-city decline, ghettos, gentrification, transportation, and policy-making.</td>
</tr>
<tr>
<td>GEO 4700</td>
<td>Transportation Geography (4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3402 and GEO 3164 or CI. General concepts related to the movement of goods and people, with particular emphasis on spatial principles and urban transportation problems and planning.</td>
</tr>
<tr>
<td>GEO 4900</td>
<td>Directed Reading (1-4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: 20 hours in geography and CI prior to registration.</td>
</tr>
<tr>
<td>GEO 4910</td>
<td>Individual Research (1-4)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: 20 hours in geography and CI prior to registration.</td>
</tr>
<tr>
<td>GEO 4933</td>
<td>Geography Colloquium (1)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>Senior standing in geography may present topical lectures by faculty and outside speakers. Students will develop a plan for their professional or graduate careers.</td>
</tr>
<tr>
<td>GEO 5134C</td>
<td>Advanced Remote Sensing (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GS in Geography or CI. GEO 4124C. Study of digital image processing techniques. Topics include filtering techniques, geometric and radiometric normalization, and classification algorithms with emphasis on developing.</td>
</tr>
<tr>
<td>GEO 5157</td>
<td>Advanced Geographic Information Systems (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GS in Geography or CI. Spatial problem solving utilizing GIS modeling and statistical functions. This course is designed to give students hands-on experience in using computerized techniques for geographic analysis.</td>
</tr>
<tr>
<td>GEO 5177</td>
<td>GIS for Non-Majors (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>An introduction to the concepts underlying digital thematic mapping and geographical information systems (GIS) for non-geography majors and non-geography graduate students.</td>
</tr>
<tr>
<td>GEO 5215</td>
<td>Advances in Geomorphology (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4372 or CI. Examination of geomorphic processes and landforms with an emphasis on Florida.</td>
</tr>
<tr>
<td>GEO 5263</td>
<td>Advances in Soils (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4372 or CI. Examination of how earth systems influence soil formation and variation. Details analysis of soils clasmoses, biosesoses, toposeoses, lightoseoses, chronoseoseses, and anthroseoses.</td>
</tr>
<tr>
<td>GEO 5285</td>
<td>Hydrological Systems (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4372 or CI. A systematic approach to hydrology using the drainage basin as the fundamental unit of analysis is used to explore form and process, while modeling streamflows.</td>
</tr>
<tr>
<td>GEO 5347</td>
<td>Advances in Natural Hazards (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4372 or CI. Analysis of natural hazards integrating principles of physical, social, economic, political, and technical forces that affect extreme geophysical events.</td>
</tr>
<tr>
<td>GEO 5475</td>
<td>Advanced Political Geography (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4470 or CI. An advanced examination of geopolitical issues including: the human construction of territoriality, ethnic relations, the making of nations and states, the geopolitics of localities, and environmental policy making.</td>
</tr>
<tr>
<td>GEO 5544</td>
<td>Advanced Environmental Geography (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4502 or CI. An intensive examination of selected issues in economic geography including: regional development and decline; spatial labor market trends; business locational analysis; and comparative economic policy.</td>
</tr>
<tr>
<td>GEO 5605</td>
<td>Contemporary Urban Issues (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 3602; GEO 4604; or CI. Advanced survey of urban issues such as: industrial restructuring and urban development, inner-city ethnic relations, the geopolitics of urban governance, and urban culture.</td>
</tr>
<tr>
<td>GEO 5704</td>
<td>Advanced Transportation Geography (3)</td>
<td>AS GPY</td>
<td>GEO</td>
<td>PR: GEO 4141; GEO 4470; or CI. Review of transportation issues and analysis, focusing on modeling and planning for flows of goods and people. Provides a hands-on approach to use of GIS for such analysis.</td>
</tr>
<tr>
<td>GER 1120</td>
<td>Beginning German I (4)</td>
<td>AS WLE</td>
<td>GER</td>
<td>CR: GER 1120L. Development of basic skills in listening and reading comprehension, speaking and writing of German.</td>
</tr>
<tr>
<td>GER 1120L</td>
<td>Beginning German I Laboratory (1)</td>
<td>AS WLE</td>
<td>GER</td>
<td>CR: GER 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.</td>
</tr>
<tr>
<td>GER 1121</td>
<td>Beginning German II (4)</td>
<td>AS WLE</td>
<td>GER</td>
<td>PR: GER 1120 or equivalent. CR: GER 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing German.</td>
</tr>
<tr>
<td>GER 1121L</td>
<td>Beginning German II Laboratory (1)</td>
<td>AS WLE</td>
<td>GER</td>
<td>CR: GER 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.</td>
</tr>
<tr>
<td>GER 2200</td>
<td>German III (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>PR: GER 1121 or equivalent. A review of the basic structure of spoken and written German. May be taken concurrently with GER 2201.</td>
</tr>
<tr>
<td>GER 2201</td>
<td>German IV (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>PR: GER 1121 or equivalent. Readings in German on the intermediate level. May be taken concurrently with GER 2200.</td>
</tr>
<tr>
<td>GER 3240</td>
<td>Conversation I (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>CR: GER 2201. For development of basic conversational skills.</td>
</tr>
<tr>
<td>GER 3240</td>
<td>Composition I (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>A fundamental course for students who have completed GER 2200 or GER 2201.</td>
</tr>
<tr>
<td>GER 3440</td>
<td>German for Business and International Trade (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>PR: GER 2200, or CI. An introduction to the German language in ordinary business transactions.</td>
</tr>
<tr>
<td>GER 3500</td>
<td>German Civilization (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td>PR: GER 2200 or GER 2201. Readings in German on the cultural history of Germany.</td>
</tr>
<tr>
<td>GER 4410</td>
<td>Conversation II (3)</td>
<td>AS WLE</td>
<td>GER</td>
<td></td>
</tr>
</tbody>
</table>
Uncovering the complexities of human aging within the social fabric, this course examines the role and function of case management in meeting the care needs of the older adult. All aspects of case management practice are covered, including the elements of the case management process as well as ethical and legal issues.
GLY 5630 Economics and Aging (3) AS GYE
Examines basic economic systems as they interact the aged. Emphasis is on applied aspects of economic planning, pension, insurance, social security and other support systems.

GLY 5642 Perspectives on Death and Dying (3) AS GYE
Study of the various psychological, medical, legal, and religious problems caused by dying and death, and how individuals and groups have responded in the past and present.

GLY 2000 Earth and Environmental Systems NS (3) AS GLY
May substitute for GLY 2010 for geology majors. This course examines the geology of the earth and the environment, using an earth systems approach that looks at interactions between the lithosphere, hydrosphere, atmosphere, and biosphere. Students will learn general principles of geology, travel world-wide on the internet, and participate in discussions on topics ranging from the scientific methods to the latest geologic discoveries. Open University course; taught via internet and TV. Open University course; taught via internet and TV.

GLY 2010 Dynamic Earth: Introduction to Physical Geology NS (3) AS GLY
Required for Geology majors; open to non-majors. Study of minerals, rocks, and dynamic processes of the earth. Introduction to the origin of earth's materials, landforms, and structures.

GLY 2010L Dynamic Earth Laboratory (1) AS GLY
PR: GLY 2010 or equivalent strongly encouraged as background. Required for Geology majors; open to non-majors. Laboratory study of earth materials, landforms, geologic structures, topographic and geologic maps. Lab-lecture field trips.

GLY 2015L Essentials of Geology Laboratory (1) AS GLY
Fundamental concepts and skills of modern geology, including rock and mineral identification, analysis of geologic maps, field analysis, and applications of computers in Geology. Required field trip.

GLY 2030 Hazards of the Earth's Surface: Environmental Geology NS (3) AS GLY
May substitute for GLY 2010 for geology majors. A first course in geology emphasizing environmental aspects of the earth's crust, such as earthquakes, depletion of the earth's resources, water-supply problems, and geologic aspects of land use and planning.

GLY 2040 Origins: From the Big Bang to the Ice Age NS (3) AS GLY
May substitute for GLY 2010 for geology majors. The history of the cosmos, origin of the universe, galaxies, the solar system, and earth, evolution of life, great extinction's including the dinosaurs, evolution of the primates, and the environmental future of the planet. (For both non-science and science majors.)

GLY 2050 Science, Earth and Life NS (3) AS GLY
May substitute for GLY 2010 for geology majors. The nature, history, and philosophy of science intended primarily for non-science majors. Consideration of science as a way of knowing through examples taken primarily from historical geology and biology (e.g., extinction of the dinosaurs, continental drift, evolution) but also through quantum mechanics and astronomy. Consideration of social relevance of science.

GLY 2100 History of the Earth and Life NS (3) AS GLY
PR: A course in geology. Required for Geology majors; open to non-majors. Study of the physical and biological history of the earth including evolution of the major groups of organisms, plate tectonics, and interpretation of ancient environments.

GLY 2100L Earth History Laboratory (1) AS GLY
Laboratory study of the history of the earth and life. Required for Geology majors; open to non-majors.

GLY 2930 Selected Topics in Geology (1-3) AS GLY
Does not count toward the geology major. Topical courses in geology of general interest.

GLY 3311C The Solid Earth: Petrology and Geochemistry (4) AS GLY
Igneous and metamorphic rocks of modern and ancient tectonic environments. Rock-forming processes at plate margins and intraplate sites. Essentials of hand specimen and microscopic mineralogy. Required field trip. Lec-lab. May not be repeated for credit.

GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4) AS GLY
PR: 4 hrs. introductory geology including GLY 2015L; MAC 2312 or equivalent; PHY 2048. Plate tectonic theory and its implication re: the formation of structural features on outcrop and regional scales. Field and geophysical tools for structural analysis. Required field trip. Lec-Lab.

GLY 3552C Sedimentary Record 1: Sedimentary Processes and Petrology (4) AS GLY
PR: GLY 2015L, CHM 2045, MAC 2281. CR: GLY 3311C. A lecture and laboratory class that discusses sedimentary processes, formation and classification of sedimentary rock, and the sedimentary rock record. Examination of the rock record to solve problems in sedimentary geology.

GLY 3610C Introduction to Invertebrate Paleontology (4) AS GLY
PR: GLY 2100L; MAC 2312 or equivalent strongly encouraged as background. Lectures cover principles and applications of paleontology, including biostatigraphy, taphonomy, paleoecology, and micro- and macroevolutionary patterns and processes. Labs study the invertebrate phyla comprising the bulk of the fossil record.

GLY 3720C The Fluid Earth (4) AS GLY
PR: GLY 2015L, MAC 2311 and MAC 2312 or equivalent; CHM 2011 or equivalent; PHY 2048. Fluid, chemical and biological processes affecting fluids of the lithosphere, oceans and atmosphere. Water as a geologic medium and global entity. A systems approach. Not available as S/U for geology majors; S/U available for others.

GLY 3850 Geology For Engineers (3) AS GLY
PR: Junior standing in College of Engineering or Cl. No credit toward the geology major, or for those with credit for GLY 2010. An examination of geologic materials and processes designed for engineering students; classification and properties of earth materials, surface processes, site investigation techniques, applications of geology to the solution of engineering problems.

GLY 4605M Moons, Planet & Moons: An Introduction to Planetary Science XMW (3) AS GLY
PR: Junior standing. Solar System exploration, from Aristotle to NASA. Modern views on the origins of meteorites, the Moon, Mars, and other planetary bodies, and the planets of planetary study. Meteor impacts, their effects, future hazard. Space science as a tool in the study of the Earth. Field trips, lectures, Internet exercises.

GLY 4553 Theories and Arguments about the Earth MW (3) AS GLY
PR: 2000 level geology course. History of thinking about the Earth: context - geologic controversies; emphasis - geologic reasoning.

GLY 4710C Sedimentary Record 3: Paleontology and Earth Evolution (4) AS GLY
PR: GLY 2015L, GLY 3552C, BSC 2010. The study of "deep time", including how it is measured, how it is correlated over the Earth's surface, and how important physical, biologic, and chemical geologic processes have varied with time. Lec.-Lab.

GLY 4554C Sedimentary Record 2: The Earth's Surface (4) AS GLY
PR: At least one course in Geology with lab. Principles of weathering, erosion, production, and transport of sediment on the earth's surface, and the resulting geomorphology. Modern sedimentary environments and the process-response systems that govern them. Course is open to anyone with at least one course in geology with lab. Course is not available on an S/U basis for geology majors, or for those with credit for GLY 2010. An introduction to the formation and classification of sedimentary rock, and the sedimentary rock record. Examination of the rock record to solve problems in sedimentary geology.

GLY 4734 Beaches and Coastal Environments MW (3) AS GLY
A comprehensive introduction to the nature of all coastal environments including beaches, dunes, barrier islands, lagoons, estuaries, reefs, and river deltas. Emphasis will be on the natural state of these environments and how human activities have and will impact them. Consideration of coastal management policies involving economics, ethics, policy, and environmental law.

GLY 4780 Geological Field Studies (1-3) AS GLY
PR: 1 geology course. Lectures and field trip study to modern geologic systems and/or geologic origins of specific regions. Mapping and field description techniques introduced. Topic/destination of trip varies. Trip requires camping and vigorous physical activity. Lec. Field trip.

GLY 4805 Geology and Development of Modern Africa MW (3) AS GLY
An in-depth look at how geology has affected the politics, history and culture of Africa. Units include the Nile and hydropolitics, deserts and climate, rift and hominid evolution, and mining and politics.

GLY 4822C Fluid Earth 2: Hydrogeology (4) AS GLY
PR: GLY 2015L; GLY 3720C, PHY 2048, MAC 2281. CR: MAC 2282. Ground water flow systems, ground water geology, introduction to numerical and analytical models of ground water flow. Lec.-lab.-field trips.

GLY 4866 Computational Geology (3) AS GLY

GLY 4905 Independent Study (1-3) AS GLY
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRA 3104</td>
<td>Computer Graphics (3) VP ART</td>
<td></td>
<td>Restricted to majors. This course is the continuation of Graphic Design I. The coursework emphasizes the utilization of electronic media for visual problem solving. Students will increase their skill with web based design and photo-editing software.</td>
</tr>
<tr>
<td>GRA 3110</td>
<td>Graphic Design I (3) VP ART</td>
<td></td>
<td>Restricted to majors. This course explores the application of formal design principles to visual problem solving through typography, layout, and web design. Students will apply conventional and electronic tools and techniques to the graphic design process.</td>
</tr>
<tr>
<td>GRA 3735</td>
<td>Multimedia Systems Laboratory (3) VP ART</td>
<td></td>
<td>Restricted to majors. This course introduces multimedia systems and focuses on their use as tools in the production of digital multimedia. Content covers all key hardware, navigation, and operating components.</td>
</tr>
<tr>
<td>GLY 490C</td>
<td>Graphic Design: Senior Studio (3) VP ART</td>
<td></td>
<td>Restricted to majors. Advanced problems in graphic design, advertising, and multimedia visual communication systems will be discussed and assigned as projects. Focus is upon efficient and effective use of technology in the design production process.</td>
</tr>
<tr>
<td>GRK 2200</td>
<td>Intermediate Classical Greek (4) WLE</td>
<td></td>
<td>crate course in classical Greek grammar with appropriate readings.</td>
</tr>
<tr>
<td>GRE 2200</td>
<td>Intermediate Classical Greek (4) WLE</td>
<td></td>
<td>Restricted to majors. This course covers the organization and presentation of a design/advertising/graphic portfolio and appropriate related materials. Emphasis is upon portfolio development, professional production, and self-promotional skills.</td>
</tr>
<tr>
<td>GRE 2201</td>
<td>Modern Greek IV (4) WLE</td>
<td></td>
<td>Restricted to majors. Advanced problems in graphic design, advertising, and multimedia visual communication systems will be discussed and assigned as projects. Focus is upon efficient and effective use of technology in the design production process.</td>
</tr>
<tr>
<td>GRE 2200</td>
<td>Modern Greek III (4) WLE</td>
<td></td>
<td>Restricted to majors. This course explores the application of formal design principles to visual problem solving through typography, layout, and web design. Students will apply conventional and electronic tools and techniques to the graphic design process.</td>
</tr>
<tr>
<td>GRE 4905</td>
<td>Directed Study (1-5) AS WLE</td>
<td></td>
<td>Departmental approval required. S/U only. Permits study options in Modern Greek not available in the regularly scheduled curriculum.</td>
</tr>
<tr>
<td>GRE 4930</td>
<td>Selected Topics (1-5) WLE</td>
<td></td>
<td>Departmental approval required. Course permits classes in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.</td>
</tr>
<tr>
<td>WRW 4905</td>
<td>Directed Reading (1-4) AS WLE</td>
<td></td>
<td>Departmental approval required. S/U only. Permits study options in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.</td>
</tr>
</tbody>
</table>
HUM 2930 Selected Topics in Humanities (1-4) AS HUM
Courses offered under this number will always be interdisciplinary, treating more than one art media and relating them historically or in some other way. The interdisciplinary emphasis on literature and the arts, placing them in some larger context of culture or their relationship to the橹other橹disciplines, will continue for selected courses offered in other departments of the university. Topics will vary; course may be repeated for credit with change of content.

HUM 4402 Humanities in India (4) AS HUM
PR: Sophomore standing or Cl. Examples from the arts and letters of India and the relationship of these arts to the Hindu and Buddhist philosophies-religions.

HUM 4404 Humanities in China (4) AS HUM
PR: Sophomore standing or Cl. Examples from the arts and letters of China; their relationship to Taoism, Confucianism and other Chinese philosophies; Western influences on twentieth century Chinese arts and letters.

HUM 4406 Humanities in Japan (4) AS HUM
PR: Sophomore standing or Cl. Examples from the arts and letters of Japan, their relationship to Zen Buddhism and other Japanese philosophy-religions; Western influences on twentieth century Japanese arts and letters.

HUM 4433 Ancient Greek Culture (4) AS HUM
PR: Sophomore standing or Cl. A study of the poetry, drama, philosophy, historical writing, painting, sculpture and architecture of Ancient Greece, including such authors as Homer, Sophocles, and Plato, and monuments such as the Parthenon.

HUM 4437 Italian Renaissance Culture (4) AS HUM
PR: Sophomore standing or Cl. A study of the painting, literature, music, sculpture and architecture of the Italian Renaissance (1300-1600), emphasizing humanism, the revival of antiquity, the tension between sacred and secular, and artists such as Michelangelo, Titian, Raphael.

HUM 4438 Northern Renaissance Culture (4) AS HUM
PR: Sophomore standing or Cl. A study of the Northern Renaissance, 1400-1580, as exemplified in Germany, France, the Netherlands, England, and Spain. The course includes painting, architecture, literature and music, with special study of Durer, Van Eyck, El Greco, and Bosch.

HUM 4440 Arts and Letters in the 17th and 18th Centuries (4) AS HUM
PR: Sophomore standing or Cl. A study of the visual arts, literature and music from the mysticism and ornament of the Baroque to the rationalism and classicism of the Enlightenment, including such artists, authors and composers as Rembrandt, Gentileschi, Voltaire, Bach, and Mozart.

HUM 4442 Arts and Letters of the Romantic Period (4) AS HUM
PR: Sophomore standing or Cl. Continental masterworks of fiction, painting, and music in the context of European cultural movements from the French Revolution to the Revolutions of 1848.

HUM 4444 Nineteenth Century European Arts and Letters (4) AS HUM
PR: Sophomore standing or Cl. A study of continental literary, musical, and artistic masterworks from the Revolutions of 1848 until the outbreak of World War I.

HUM 4445 Twentieth Century Arts and Letters I (4) AS HUM
PR: Sophomore standing or Cl. Analysis of selected works of twentieth century art. The course will focus on a particular phase in the development of modernism, a set of themes, or certain stylistic aspects of various arts of the twentieth century.

HUM 4446 Twentieth Century Arts and Letters II (4) AS HUM
PR: Sophomore standing or Cl. Analysis of selected works of twentieth century art. The course will focus on a particular phase in the development of modernism, a set of themes, or certain stylistic aspects of various arts of the twentieth century.

HUM 4452 Nineteenth Century American Culture (4) AS HUM
PR: Sophomore standing or Cl. Study of selected works of art, tracing the course of American expansionism in civilization, and the interaction between the arts and the sciences in American ways of life and work, 1790-1890.

HUM 4464 Latin American Culture Since 1492 (4) AS HUM
PR: Sophomore standing or Cl. Analysis of selected Latin American works of art in their cultural context, with emphasis on major art forms selected from the colonial through contemporary periods.

HUM 4905 Directed Study (1-4) AS HUM
PR: Cl. Specialized individual study determined by the student's needs and interests.

HUM 4999 BIS Humanities, Independent Study (15) AS BIS
SU only.

HUM 4930 Selected Topics in Humanities (1-4) AS HUM
PR: Sophomore standing or Cl. This course will deal with a
HUM 4931 Seminar in Humanities 6A (4) AS HUM  
PR: Humanities major or CI, Senior standing. Discussion of interdisciplinary humanities. Includes essay.

HUM 4938 Major Issues in the Humanities MW (3) AS HUM  
The study of an important topical issue in the Humanities. Materials representing diverse views relating to that issue will be read, and works of art and different media that have relevance to the debate will be studied. Available to majors and non-majors.

HUM 4940 Internship in Humanities (1-2) AS HUM  
A structured, out-of-class learning experience providing firsthand, practical training in Humanities-related professional careers in the community. Restricted to Humanities majors. Repeatable up to 4 credit hours.

HUN 2213 Nutrition (3) NU NUR  
PR: Coursework in chemistry and biology or permission of faculty. Open to majors and non-majors. The study of fundamental principles of normal nutrition as they relate to human life and growth from conception through senescence, interpretation of current nutrition information, and application of nutrition knowledge in the establishment of good eating habits

HNN 4444 Clinical Nutrition (3) NU NUR  
PR: HUN 2201 or equivalent. Focuses on the role nutrition has in combating disease processes.

IDH 2009 Discovery: People, Processes and Problems (3) HC HON  
PR: Admission to Honors College. An appreciation of the research process in multiple disciplines culminating in the production of a collaborative research project.

IDH 2010 Acquisition of Knowledge (3) HC HON  
PR: Admission to Honors College. An appreciation of the problems of how human understanding proceeds through operations such as perception, classification, and inference, among others, as well as the open philosophical questions behind these operations.

IDH 2930 Selected Topics (1-4) HC HON  
PR: IDH 2010 or CI. This course is designed to emphasize a selected problem or issue that is meaningful and challenging to University Honors students and special populations. A variety of instructional approaches will be used. Topics will vary each semester. Repeatable for a total of 8 credits.

IDH 3100 Arts/Humanities Honors (1-3) HC HON  
PR: IDH 2010. An introduction to western arts and letters from the perspectives of three periods (classicism, romanticism, and modernism), the relationship of ideas to art, the similarities among the arts of a given period, and important differences between periods.

IDH 3350 Natural Sciences Honors (3) HC HON  
PR: IDH 2010. An exploration of current knowledge concerning fundamental principles in the Sciences, their potential for application and attendant ethical and philosophical questions.

IDH 3400 Social and Behavioral Sciences Honors (3) HC HON  

IDH 3600 Seminar in Applied Ethics (3) HC HON  
PR: IDH 2010. This course explores ethical issues related to selected topics such as Ethics of Technology, Ethics in Business, Bio-Medical Ethics, Personal Ethics Development.

IDH 4000 Honors Program Seminar: Major Works/Majors Issues (4) HC HON  
PR: IDH 2010. This course explores major works and major issues in a variety of disciplines. Each section will be devoted to content in a different academic area.

IDH 4200 Geographical Perspectives Honors (3) HC HON  
PR: IDH 2010. An introduction to African, Latin American, Middle Eastern, or Asian perspectives focusing on social, political and economic, artistic, cultural and intellectual subject matter. The material will be presented within a geographical, chronological, and humanities background.

IDH 4910 Undergraduate Research (1-4) HC HON  
PR: DPR, Supervised program of interdisciplinary research in areas of specific interest. Open to all USF students by application through the undergraduate research coordinator.

IDH 4930 Selected Topics (1-4) HC HON  
PR: IDH 2010 or CI. This course is designed to emphasize a selected problem or issue that is meaningful and challenging to University Honors students and special populations. A variety of instructional approaches will be used. Topics will vary each semester. Repeatable for a total of 8 credits.

IDH 4950 Honors Program Project (3) HC HON  
Enrollment is limited to 2 St. Petersburg Honors students who have completed at least one Honors Seminar. Senior Honors Program project consisting of an original creative work in literary, visual or performing arts, or in a community-oriented endeavor of substance beyond the originality.

IDH 4970 Honors Thesis (3) HC HON  
PR: Senior Honors Standing. The development and public presentation of a senior thesis under the direction of a mentor.

IDS 2664 Social Science Perspectives I SS (3) AS IAS  
Provides an overview of the evolution and global expansion of Western Civilization. Examines global problems of economic growth and development, geopolitical relations among nations and states, food supply and hunger, and environmental change.

IDS 2665 Social Science Perspectives II SS (3) AS IAS  
Approaches the study of human behavior and society using the lens of various institutions. The course addresses issues of social stratification, economics, education, religion and social status. The course is not restricted to any major, has no lab section, and is not cross-listed.

IDS 2666 Historical Perspectives I HP (3) AS IAS  
Approaches the study of human history through a series of specific case-studies that focus on historical processes. The primary focus of the course is to understand the variety of ways that the past has been brought and understood in the present, rather than a comprehensive survey of a limited time or place.

IDS 2667 Historical Perspectives II HP (3) AS IAS  
Approaches the study of human history through a series of specific case-studies that focus on historical processes. The primary focus of the course is to understand the variety of ways that the past can be emplotted in histories, rather than a comprehensive survey of a limited time or place. With this understanding, students will produce several of their own histories.

IDS 2931 Selected Topics HP (2-5) AS IAS  
Selected topics in the liberal arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 2932 Selected Topics HP (3) AS IAS  
Selected topics in the liberal arts and sciences.

IDS 2933 Selected Topics III SS (3) AS IAS  
Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 2934 Selected Topics IV SS (3) AS IAS  
Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 3115 Values and Choices 6A MW (3) ED EDF  
An in-depth examination of values and their relationship to choices in contemporary society using historical perspective and inquiry of moral/ethical dilemmas. Available to majors or non-majors.

IDS 3117 Scientific and Ethical Dimensions of Human Disease MW (3) AS IAS  
PR: DPR. An interdisciplinary perspective of the biological basis of human disease combined with critical thinking and medical ethics. Basic concepts of human disease are integrated with bioethical dimensions of patient choice, physician responsibility and current medical care issues.

IDS 3662 Arts Connections FA (3) VP FAI  
This is an interdisciplinary course to the arts disciplines of music, dance, theatre, and art. Artists from the four disciplines will provide weekly presentations centered around issues and ideas that have formed the basis of their creative research. Influences of diversity, new technologies and community and public arts will be explored. This course will introduce students to the role the arts play in shaping their perceptions of the world as well as reflecting the underlying values and paradigms that form our culture(s).

IDS 3667 Critical Arts Issues AM (3) VP FAI  
PR: Junior standing or CI. A discussion-based examination of cultural trends, educational policies, governmental regulations, and financial factors which impact Art, Dance, Music, and Theatre.

IDS 3668 Images of Contemporary Urban Culture 6A LW (3) AS IAS  
Selects multiple perspectives on the vision, theories, and practices of contemporary urban culture through the use of various literary genres. Examines the cultural realities of contemporary urban life, such as social stratification, discontinuity, anonymity and poverty, as well as its many potentials such as creative energy, diversity, and relational networks. Must have enough credit hours required for exit course admittance.

IDS 3698 Cooperative Education (0) US COE  
60 hours of academic credit, acceptance in Cooperative Education
INR 4035 International Political Economy (3) AS POL
Analysis of the development and politics of the international economic system, focusing on questions of cooperation and conflict in trade, aid, and investment relationships.

INR 4083 Conflict In The World MW (3) AS INT
PR: Senior/Senior standing. An interdisciplinary course examining theories of conflict, conflict resolution processes and strategies, and the concept of Early Warning Systems related to the outbreak of conflict.

INR 4254 Africa in World Affairs MW (3) AS INT
An examination of Africa's place and role in world affairs, including an analysis of the impact of external forces, international relations in post-colonial Africa, the relations of African states with the major world powers, the U.N. and its agencies.

INR 4403 International Law SS (3) AS POL
Examines essential components of the international legal system; recognition; succession; sea, air and space law, treaties, diplomats, International Court of Justice; laws of war, etc. Introduces the student to legal reasoning as employed in the international context.

INR 4502 International Organizations SS AF (3) AS POL
Study of the operations and structure of international organizations and effects on world politics; background and achievement of the UN; regional organizations and multi-national corporations.

INR 4900 Directed Readings (1-3) AS INT
PR: CI. A supervised program of intensive reading in interdisciplinary material in areas of specific interest.

INR 4910 Directed Research (1-3) AS INT
PR: CI. A supervised program of interdisciplinary research in areas of specific interest.

INR 4931 Selected Topics (1-4) AS INT
Interdisciplinary studies with course content dependent on student demand and instructor's interest.

INR 4936 Senior Seminar MW (3) AS INT
PR: International Studies major and senior standing. A variable topics seminar integrating concepts and analyses relating to the academic background of INT majors. Should be taken in the student's final semester.

INR 4943 Internship in International Studies (3-6) AS INT
PR: Senior status. S/U only. For majors only. The purpose of the course is to promote the student's understanding of global international issues within a theoretical and practical context.

INR 5012 Globalization (3) AS INT
Examination of globalization's impact on international relations, including literature from political science, anthropology, geography, sociology, and economics that impacts the study of the nation-state system and power. Open to majors and non-majors.

INR 5086 Issues in International Relations (3) AS POL
Sr./GS. Explores specific topics and provides the student with an opportunity for in-depth study of historical and contemporary issues in international affairs.

ISC 1004 Integrated Natural Sciences I: Science that Matters NS (3) AS IDS
Discussion of integrative concepts in biology, chemistry, geology, and physics based on major knowledge strands of the Florida and Natural Science Education Standards. This course deals with current topics relevant to students, is inquiry based, and emphasizes development of higher order (critical thinking) skills through active learning strategies.

ISC 1005 Integrated Natural Sciences II: Science that Matters NS (3) AS IDS
Discussion of integrative concepts in biology, chemistry, geology, and physics based on major knowledge strands of the Florida and Natural Science Education Standards. This course deals with current topics relevant to students, is inquiry based, and emphasizes development of higher order (critical thinking) skills through active learning strategies.

ISC 4909 BiS Natural Sciences, Independent Study (15) AS BIS
SU only.

ISM 3111 Information Systems in Organizations (3) BA QMB
PR: CGS 2100 or equivalent; ACG 2071 or equivalent. May not be counted toward major requirements in MIS. An introduction to the language, concepts, structures and processes involved in the management of information systems including fundamentals of computer-based technology and the use of business-based software for support of managerial decisions.

ISM 3113 Systems Analysis and Design (3) BA QMB
PR: 3101 CP. ISM 3101 with a grade of "C" or better (not C-). Study of the techniques and procedures used in assessing information requirements, analyzing information flows and processing activities, and designing computer-based business systems.

ISM 3232 Business Application Development (3) BA QMB
PR: ISM 3011 with a grade of "C" or better (not C-). Presentation of business application development and programming language. Topics include data structures, indexing, file processing, and user interfaces. Good program design techniques are emphasized. Business applications are developed.

ISM 4341 Management Science Production/Operations Management Applications (3) BA QMB
PR: MAC 2233 or MAC 2241. Fundamentals of production operations management (POM) and fundamentals of management science (MS). The application of MS models in the solution of POM problems.

ISM 4133 Advanced Systems Analysis and Design (3) BA QMB
PR: ISM 3232, ISM 3113, ISM 4212, with grades of "C" or better (not C-). This course builds previous experience in systems development, with particular emphasis on the use of an integrated CASE tool on a team project. Students will gain an understanding of systems development problems and approaches using a variety of methods, such as, lectures, discussion, team presentations, guest speakers, demonstrations and computer use.

ISM 4141 Web Application Development/Java (3) BA QMB
PR: ISM 3232 with a grade of "C" or better (not C-). Java will be used to introduce object oriented concepts. Programming assignments cover a variety of application features including graphical user interface, database connectivity, multithreading, & client-server computing using Java and Java Server Pages.

ISM 4212 Database Design and Administration (3) BA QMB
PR: ISM 3113, ISM 3232, with grades of "C" or better (not C-). Principles of database design/administration for mainframe, micro, and client-server environments; physical vs. logical representation and back-up and recovery management.

ISM 4213 Advanced Database Administration (3) BA QMB
PR: ISM 3113, ISM 3112, with grades of "C" or better (not C-). Essential concepts of database administration in a business environment are covered in order to prepare students to understand and deal with database administration issues and concepts. Students gain hands-on experience by administering a database environment and completing assignments that involve requirements, management, data administration, security, backup, recovery and database tuning issues.

ISM 4220 Business Data Communications (3) BA QMB
PR: ISM 3113 with a grade of "C" or better (not C-). Fundamentals of data communication, including network architectures, communication protocols, transmission standards and media access control methods.

ISM 4233 Information System Interface Design (3) BA QMB
PR: ISM 3232 with a grade of "C" or better (not C-). The fundamental concepts of human perception and cognition are studied in order to develop effective human-computer interfaces. Various types of interfaces are examined. Students will develop human-computer interface prototypes using state-of-the-art development languages and systems.

ISM 4234 Object-Oriented Design and Development (3) BA QMB
PR: ISM 3113, ISM 3232, with grades of "C" or better (not C-). This course presents an object-oriented approach to software development of business information systems. Students will learn to create object models of the business world and to develop information system designs based on these objects. The designs will be implemented by the use of the C++ or other OO programming languages.

ISM 4240 Distributed Operating Systems (3) BA QMB
PR: ISM 3232 with a grade of "C" or better (not C-). Introduction to distributed operating systems fundamentals such as distributed systems architecture, file structures, client-server, open systems, resource allocation, and basic tools for manipulating these operating environments.

ISM 4290 Senior Seminar in Information Systems (3) BA QMB
PR: ISM 3113, ISM 4212, with grades of "C" or better (not C-). A seminar covering advanced topics in systems management, analysis and design. Applications of these procedures to actual or hypothetical cases.

ISM 4300 Managing Information Resources (3) BA QMB
PR: ISM 3113, ISM 4212, ISM 4220, with grades of "C" or better (not C-). Current issues in information systems management focusing on organizational policies, procedures and standards for managing distributed computing resources.

ISM 4382 Global Information Systems (3) BA QMB
PR: ISM 3011 with a grade of "C" or better (not C-). Role of information technology in global business organizations, challenges and opportunities, and the impact of globalization on information systems, to enable global operations.

ISM 4400 Decision Support Systems (3) BA QMB
PR: ISM 3200, ISM 3011, with a grade of "C" or better (not C-). Study of quantitative analysis tools and their use in organizational decision making. Emphasis on a structured approach to making business decisions and on the use of modern optimization techniques. Mathematical modeling and other management science techniques.

ISM 4480 Electronic Commerce Systems (3) BA QMB
PR: ISM 3011 with a grade of "C" or better (not C-). This course is designed to familiarize students with the opportunities and challenges associated with electronic commerce, to explore the underlying technologies used in implementing electronic commerce systems, and to develop the practical skills needed to design and develop effective Web pages.

ISM 4905 Independent Study (1-6) BA QMB
PR: C- or better (not C-). Independent study directed by designated faculty. This course builds upon previous class and/or work experience in systems development, with particular emphasis on the use of an integrated CASE tool on a team project. Students will gain an understanding of systems development problems and approaches using a variety of methods, such as, lectures, discussion, team presentations, guest speakers, demonstrations and computer use.

ISS 1101 Knowledge and Society SS (3) AS ISS
Course introduces students to issues concerning the relationship between knowledge and society. Among the issues addressed are competing accounts of knowledge and the relationship between knowledge and other forms of human experience and different aspects of social life such as religion, morality, aesthetics, politics, and gender.

ISS 1102 Self and Society SS (3) AS ISS
CO: ISS 1103. Course introduces students to issues concerning the relationship between the self and society. Among the issues addressed are: how self is shaped by gender and culture.

ISS 1103 Nature and Culture SS (3) AS ISS
This course examines competing ideas and theories concerning the relationship between nature and culture. Among the issues addressed are: how nature is shaped by natural and cultural factors; the moral obligations between individuals and society; and how our understanding of the self is shaped by gender and culture.

ISS 3010 Introduction to the Social Sciences (3) AS ISS
Integrates the range of social science fields into a global interdisciplinary perspective. Views social institutions and issues from perspectives of changing paradigms.

ISS 3930 Selected Topics in the Social Sciences (1-4) AS ISS
Interdisciplinary studies of varying topics, with course content dependent on student demand and instructor's interest.

ISS 4151 Native American Women (3) AS ISS
An interdisciplinary examination of lives of Native American Women, past and present. Topics include history, education, politics, family, etc.

ISS 4900 Directed Readings (1-3) AS ISS
A supervised program of intensive reading of interdisciplinary materials in areas of specific interest.

ISS 4909 BIS Social Sciences, Independent Study (15) AS BIS
S/U only.

ISS 4910 Directed Research (1-3) AS ISS
PR: CI. A supervised program of interdisciplinary research in areas of specific interest.

ISS 4935 Seminar in the Social Sciences MW (3) AS ISS
PR: Senior standing and ISS 3010 or CI. The seminar which caps the interdisciplinary major. Weds personal curiosity with the application of theoretical models to research on salient social issues.

ISS 5934 Selected Topics (1-3) AS AFA
PR: CI plus senior standing or graduate status. Interdisciplinary studies with course content dependent on student demand and instructor's interest.

ITA 1120 Beginning Italian I (4) AS WLE
CR: ITA 1120L. The first course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking, and reading.

ITA 1120L Beginning Italian Laboratory (1) AS WLE
CR: ITA 1120. A laboratory designed to provide additional practice using various instructional technologies and media.

ITA 1121 Beginning Italian II (4) AS WLE
CR: ITA 1121L. The second course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking and reading.

ITA 1121L Beginning Italian Laboratory (1) AS WLE
CR: ITA 1121. S/U only. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously.
A laboratory designed to offer additional practice using various technologies and media.

**ITA 2200 Intermediate Italian I (3) AS WLE**
PR: ITA 1121 or equivalent. Readings in Italian on the elementary level. A review of the basic structure of spoken and written Italian.

**ITA 2201 Italian Conversation I (4) AS WLE**
To develop fluency and correctness in spoken Italian. Intensive study for conversational skill based particularly upon the current Italian idiom. Syntax is intensified and the vocabulary and idiomatic expressions increased. Exercises in newspaper and news publication design, including typography, electronic formats. Exercises in electronic formats.

**ITA 2241 Italian Conversation II (4) AS WLE**
To assist students who have already made a start in speaking Italian, who have not had the advantages of travel or who have not studied Italian students, to improve their skill in speaking Italian. Current events; literary discussions; free conversation; prepared speeches. Differences of media, syntactical signal.

**ITA 3420 Composition (3) AS WLE**
A fundamental composition course for students who have completed ITA 2200.

**ITA 3470 Overseas Study (1-6) AS WLE**
Prior approval and early registration required. An intensive study-travel project in Italy.

**ITW 4100 Survey of Italian Literature I (4) AS WLE**
A survey of Italian literature from the earliest monuments through the classicism of the 18th century.

**ITW 4101 Survey of Italian Literature II (4) AS WLE**
A survey of Italian literature beginning with the Classicism of the 18th century and continuing to present.

**ITW 4905 Directed Study (1-3) AS WLE**
Departmental approval required. Selected topics in Italian literature.

**JOU 2100 Beginning Reporting (3) AS COM**
PR: MMC 2100 and MMC 3602. Basic instruction in news judgment, sources of news, newspapering, and writing techniques for various media. Typing ability is required.

**JOU 3101 Advanced Reporting (3) AS COM**
PR: JOU 2100 or RTV 3301 (RTV majors only). JOU 4200 (may be taken concurrently). PH 1103 and POS 2041. Reporting and writing the more complex and specialized story. Techniques of investigative and analytical reporting, including ethical and legal considerations.

**JOU 3940 Explorations in Newswriting (3) AS COM**
PR: MMC 2100 and MMC 3602. Introduction to the basics of gathering, writing, and editing the news, with an emphasis on practical assignments done under professional conditions and standards. Discussion, readings emphasize the larger context and implications of news.

**JOU 5305 Explorations in Newswriting (3) AS COM**
PR: CC. Students work to develop writing styles, reporting on and creating stories about significant issues, events, and ideas. The course explores the notion that narrative-style journalism can be accurate, thorough, fair, and compelling, effectively bringing readers into stories and giving them a bigger stake in the news. The focus is on going beyond traditional practices of reporting and writing news stories.

**JPN 1120 Modern Japanese I (4) AS WLE**
CR: JPN 1120L. An intensive study of basic skills: pronunciation, listening comprehension, speaking, and some composition.

**JPN 1120 Modern Japanese I Laboratory (1) AS WLE**
CR: JPN 1120. Concurrent enrollment with a lecture session is required and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

**JPN 1121 Modern Japanese II (4) AS WLE**
PR: JPN 1120 or equivalent. CR: JPN 1121L. A continuation of JPN 1120. More Sophisticated oral/aural skills are attained. Basic reading skills are acquired.

**JPN 1121L Modern Japanese II Laboratory (1) AS WLE**
CR: JPN 1121L. S/U only. Concurrent enrollment with a lecture session is required and, if dropped, then dropped simultaneously. A laboratory designed to offer additional practice using various instructional technologies and media.

**JPN 2200 Modern Japanese III (3) AS WLE**
CR: JPN 1121 or equivalent. Continuing study to attain basic proficiency in Japanese.

**JPN 2201 Modern Japanese IV (3) AS WLE**
CR: JPN 2200 or equivalent. Continuation of JPN 2200.

**JPN 4905 Directed Study (1-5) AS WLE**
Departmental approval required. S/U only. Permits study options in Japanese not available in regularly scheduled curriculum at departmental discretion.

**JPN 4930 Selected Topics (1-5) AS WLE**
Departmental approval required. Course permits study options in Japanese not available in the regularly scheduled curriculum at departmental discretion.

**LAE 4314 Teaching Writing in the Elementary School, Grades K-6 (3) ED EDE**
PR: Elementary Education majors or CL. The purpose of this course is for students to understand children’s writing development and to design and implement instructional strategies for teaching composition in an integrated Language Arts curriculum.

**LAE 4323 Methods of Teaching English: Middle School (3) ED EDE**
May be taken one or two semesters prior to internship. Recommended to be taken with LAE 4464. Whole language methods of teaching reading, writing, listening, viewing, and critical thinking activities into a curriculum-based program for middle school students.

**LAE 4335 Methods of Teaching English: High School (3) ED EDE**
PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of teaching reading, writing, speaking, listening, viewing, and critical thinking activities into a curriculum-based program for high school students.

**LAE 4414 Teaching Literature in the Elementary School, Grades K-6 6A LA (3) ED EDE**
**LAE 4441 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDE**

**LAE 4444 Exploring the Teaching of English: Middle School (3) ED EDE**
PR: Senior standing, JOU 2100 and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

**LAE 4444 Magazine Practicum (1) AS COM**
PR: Senior standing and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

**LAE 5105 Newswriting and Editing (3) AS COM**
PR: GS in Mass Communications or CI. Introduction to the basics of gathering, writing, and editing the news, with an emphasis on practical assignments done under professional conditions and standards. Discussions, readings emphasize the larger context and implications of news.
LAH 3480 History of Cuba (4) AS INT
Area study courses are multi-disciplinary in nature and deal with
out the various other countries. Each course combines some
measure of political, economic, historical, religious, geographic,
antropological, and sociological analysis in dealing with salient
features and current problems.

LAS 3004 The Americas - Latin and Caribbean (3) AS INT
This is a telecourse that is designed to introduce the complexities
of Latin America and the Caribbean to students in the U.S. (Open
University - televised course).

LAS 3116 Latin America Through Film AF (3) AS INT
This course will use film, video, selected readings, and lectures to
teach the interested student about Latin America.

LAT 1120 Beginning Latin I (4) AS WLE
An introductory course in Latin grammar with appropriate readings.

LAT 1121 Beginning Latin II (4) AS WLE
PR: LAT 1120 or equivalent. An introductory course in Latin
grammar with appropriate readings.

LAT 2200 Intermediate Latin 4 (4) AS WLE
PR: LAT 1121 or equivalent. Readings in Latin at an intermediate
level.

LAT 2201 Intermediate Latin II (4) AS WLE
PR: LAT 2200 This class will introduce students to their first Latin
author, and to the techniques and skills of intermediate work in
Latin. It will also provide a comprehensive review of Latin Grammar.
It is not restricted to majors, and is not repeatable for credit.

LIN 3010 Introduction to Linguistics (3) AS WLE
Introduction to the basic principles of linguistic science; phonological
and grammatical analysis and description; language change and
semantic relationships.

LIN 3670 English Grammar and Usage (3) AS ENG
A course in the basics of traditional English grammar designed as
a complement to our composition and creative writing courses, as
a review for those students who will take preprofessional exams,
and as a basic course for students interested in improving their
knowledge of English. Will not be counted toward the English
major.

LIN 3801 Language and Meaning 6A (3) AS WLE
A survey introduction for non-specialists to the basic principles of
semantics and the way language conveys ideas. This course is
also available on WUSF/TV Channel 16 by the O.U. Program.

LIN 4040 Descriptive Linguistics (3) AS WLE
PR: LIN 3010 or CI. Introduction to the basic techniques of
formalizing linguistic descriptions through elementary phonological,
morphological, and syntactic data solution-problems drawn from
a variety of languages. Both taxonomic and generative analysis
descriptions will be developed and compared.

LIN 4575 Language Types of the World (1) AS WLE
LIN 4600 Language and Society (3) AS WLE
PR: LIN 3010. An analysis of the interrelation of a language and the
structure of the society using it, the linguistic behavior patterns
characteristic of particular social, political, economic, educational,
racial, and class groups. Problems in communication between strata.

LIN 4680 Structure of American English (3) AS ENG
A course primarily using the sentence diagram to present a
detailed analysis of the parts of speech, verb tenses, sentence
functions, and other basic grammatical classifications of traditional
American English.

LIN 4680 Structure of American English (3) AS ENG
An introductory survey of traditional, structural, and generative
transformational grammars and their techniques for the analysis
and description of linguistic structure in general, and contemporary
American English, in particular.

LIN 4710 Language and Communication: Acquisition and
Development (3) AS WLE
PR: LIN 3010. A survey of current research and theory in the
processes of normal acquisition and development of language
and communication in children. The acquisition and development
of phonology, syntax, semantics, pragmatics, and nonverbal
communication and the role of language in general cognitive
development.

LIN 4903 Directed Reading (1-3) AS WLE
PR: CI. Readings in special topics.

LIN 4993 Selected Topics 13 (1-3) AS WLE
PR: CI. Content course depends upon students’ needs and
instructor’s interest and may range over the entire field of linguistics.

LIS 2001 Library and Information Skills (3) AS LIS
An introduction to various types of information sources (print and
LIT 3073 Contemporary Literature (3) AS ENG
Covers the history, structure, and use of the Internet, with an emphasis on using the Internet to answer educational, research, and other information-based needs.

LIT 2010 Introduction to Drama (3) AS ENG
A study in English of the great works of Western Literature from the Neoclassic to the Modern Period, including such writers as Moliere, Racine, Voltaire, Dostoevsky, Chekhov, Ibsen, Kafka, Gide, Sartr, and Camus, among others.

LIT 2030 Introduction to Poetry (3) AS ENG
A study of the short story and novel as literary forms; approached from an historical perspective though not restricted to any historical period. Will not be counted toward the English major.

LIT 2040 Introduction to Drama (3) AS ENG
A study of the major forms of drama as literature and theatre; approached from an historical perspective though not restricted to any historical period. Will not be counted toward the English major.

LIT 2050 Library and Internet Research Skills (3) AS LIS
An introduction to information research skills as they apply to using both academic libraries and the Internet. Assignments will focus on developing skills to locate, evaluate, and use sources of information.

LIT 2073 Contemporary Literature (3) AS ENG
An introduction to the fiction, poetry, and drama written since 1945—American, British, Continental. Focus may be on one, two, or all three genres or on works from any combination of nationalities.

LIT 2080 Literature of the Western World Through the Renaissance (6) AS ENG
A study in English of the great works of Western Literature from its beginnings through the Renaissance, including the Bible, Homer, Sophocles, Plato, Euripides, Virgil, Cicero, Dante, Petrarch, Machiavelli, and Rabelais, among others.

LIT 3010 Literature of the Western World Since the Renaissance (3) AS ENG
A study in English of the great works of Western Literature from the Neoclassic to the Modern Period, including such writers as Moliere, Racine, Voltaire, Dostoevsky, Chekhov, Ibsen, Kafka, Gide, Sartr, and Camus, among others.

LIT 3103 Great Literature of the World (3) AS ENG
A survey of world literature including samples from the ancient and modern era, western and eastern traditions, male and female writers, and various ethnic cultures. Focus on values/ethics, race, ethnicity, and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3144 Modern European Novel (3) AS ENG
A study of the Modern European novel in translation as it developed from the nineteenth century to the present, including such writers as Dostoevsky, Flaubert, Kafka, Hesse, Camus, and Solzhenitsyn.

LIT 3155 Modern Literature (3) AS ENG
Examines major literary works of the 20th Century and explores ways in which authors have expressed the age, its great issues and conflicts, in order to gain an historical perspective that will help relate the present to the recent past. Will not be counted toward the English major.

LIT 3201 Cultural Studies and the Popular Arts (3) AS ENG
A study of twentieth century culture as it is represented in the film, fiction, and other cultural artifacts of many different nationalities. Focuses on values/ethics, race, ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3304 Foundations of Library and Information Science (3) AS LIS
Introduction to the study of library and information science, history, organization; specialized literature; outstanding leaders; current trends, issues, and problems; the place of the information agency in society with its contributions to that society.

LIT 3307 TV in Schools and Libraries (3) AS LIS
Small format video tape recordings and the utilization of open and closed broadcasts in schools and libraries.

LIT 3451 Literature and the Occult (6) AS ENG
An introduction to the occult tradition as a major ingredient in English, Continental, American, and Multicultural literature; analysis of the origins, classification and areas of the various magical ideas from classical times through the present. Focuses on values/ethics, race/ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3700 Survey of Poetry (3) AS ENG
A chronological sampling of the major poems written in English from the Middle Ages to the present. Recommended as the first literature course in the poetry option.

LIT 4804 Literature as Cultural Study (3) AS ENG
The study of literary texts as cultural artifacts. Literary texts as historical, social, political, psychological, religious, etc. documents. Topics and works vary. Will not be counted toward the English major.

LIT 4930 Selected Topics in English Studies (3) AS ENG
The content of the course will be governed by student demand and instructor interest. It will examine in depth a recurring literary theme or the work of a small group of writers. Special courses in writing may also be offered under this title. May be taken twice for credit with different topics.

LWN 4381 Livy (4) AS WLE
PR: Basic knowledge of Latin. Readings in the ideas and artistry of this Roman historian.

LWN 4543 Catullus (4) AS WLE
PR: Basic knowledge of Latin. Readings in Catullus. Study of
techniques and tradition in Roman lyric poetry.

LNW 4654 Horace (4) AS WLE
PR: Basic knowledge of Latin. Readings in the epistles of Cicero.

LNW 4660 Vergil (4) AS WLE
Readings in Virgil's Aeneid. Study of the tradition, techniques, and artistry of Roman epic poetry. Available to majors and non-majors.

LNW 4670 Ovid (4) AS WLE
PR: LAT 1112 or equivalent. Readings in Ovid's Metamorphoses. Study of Ovid's technique, style, and artistry.

LNW 4900 Directed Reading (1-4) AS WLE
Departmental approval required. S/U.

LNW 4930 Selected Topics (4) AS WLE
Study of an author, movement, or theme.

LNW 5900 Directed Reading (1-4) AS WLE
Departmental approval required. S/U.

LNW 5934 Selected Topics (4) AS WLE
Study of an author, movement, or theme.

MAA 4211 Intermediate Analysis I 6A (4) AS MTH
PR: MAC 2313 and MAS 3105. Sequences, series, metric spaces, continuity, differentiation.

MAA 4212 Intermediate Analysis II 6A (3) AS MTH
PR: MAA 4211. Riemann-Stieltjes integration, uniform convergence, power series, Cauchy Theorem, Cauchy Integral Formula, residue theory.

MAA 5306 Real Analysis I (3) AS MTH
PR: MAA 4211. Riemann-Stieltjes integrals, uniform convergence, Fourier series, Lebesque integrals, Condensation on R.

MAA 5307 Real Analysis II (3) AS MTH

MAA 5405 Applied Complex Analysis (3) AS MTH
PR: Complex numbers, analytic and harmonic functions. Series. Contour integrals, residue theory. Conformal mappings. (A survey course emphasizing techniques and applications.)

MAC 1105 College Algebra 6A 4Q M (3) AS MTH
PR: C (2.0) or better in MAT 1033, or 490 or better SAT Math score, or 21 or better ACT Math score, or 90 or better Elementary Algebra CPT score, or 40 or better College-Level Math CPT score. No credit for students with prior credit for MAC 1140 or MAC 1147. Concepts of the real number system, functions, graphs, and complex numbers. Analytic skills for solving linear, quadratic, polynomial, exponential, and logarithmic equations. Mathematical modeling of real life applications. College Algebra may be taken either for General Education credit or as preparation for a pre-calculus course.

MAC 1106 Precalculus Trigonometry 6A (2) AS MTH
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math Score, or 24 or better ACT Math Score. CP: MAC 1140. Angles, trigonometric functions, properties and graphs of trigonometric functions, right triangles, laws of sines and cosines, polar coordinates.

MAC 1140 Precalculus Algebra 6A QM (3) AS MTH
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math Score, or 24 or better ACT Math Score. CP: MAC 1140. Review of functions and graphs. Analytic geometry including conic sections and rotation of axes, systems of equations including matrix algebra and determinants, sequences and series including Binomial Theorem.

MAC 1147 Precalculus Algebra and Trigonometry 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math score, or C (2.0) or better ACT Math score, or C (2.0) or better College-Level Math CPT score. No credit for students with credit for either MAC 1140 or MAC 1114. This is an accelerated combination of MAC 1140 and MAC 1114; this course is best for students who have already seen some trigonometry. See the descriptions of MAC 1140 and MAC 1114.

MAC 2233 Business Calculus 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1105, or C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or C (2.0) or better SAT Math score, or 26 or better ACT Math score, or 78 or better College-Level Math CPT score. No credit for mathematics majors or students with credit for either MAC 2241, MAC 2281, or MAC 2311. Linear equations and functions, mathematics of finance, differentiation and integration of algebraic, exponential and logarithmic functions with applications to business, finance and calculus.

MAC 2241 Life Sciences Calculus I 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1114, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 24 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for math majors or students with credit in MAC 2233, MAC 2281, or MAC 2311. Differentiation and integration of algebraic, trigonometric, exponential, and logarithmic functions with applications to life sciences.

MAC 2242 Life Sciences Calculus II 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 2241. No credit for Mathematics majors or students with credit in MAC 2282 or MAC 2312. Techniques of integration, differential equations, functions of several variables, series and Taylor polynomials.

MAC 2281 Engineering Calculus I 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for mathematics majors or for students with credit in MAC 2233, MAC 2281, or MAC 2311. Differentiation, limits, differentials, extremes, indefinite integral. No credit for mathematics majors or for students with credit in MAC 2233 or MAC 2243 or MAC 2311.

MAC 2282 Engineering Calculus II 6A QM (4) AS MTH
PR: C (2.0) or better in MAT 2281. No credit for students with credit in MAC 2242 or MAC 2282. Definite integral, trigonometric functions, log, exponential, series, applications.

MAC 2283 Engineering Calculus III 6A QM (4) AS MTH
PR: C (2.0) or better in MAT 2281 or CC. No credit for students with credit in MAC 2313. Techniques of integration, numerical methods, analytic geometry, polar coordinates, Vector algebra, applications.

MAC 2311 Calculus I 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1114 and C (2.0) or better in MAC 1140, or C (2.0) or better in MAC 1147, or 650 or better SAT Math score, or 29 or better ACT Math score, or 90 or better College-Level Math CPT score, and knowledge of trigonometry. No credit for students with credit in MAC 2233, MAC 2241, or MAC 2281. Differentiation, limits, differentials, extremes, indefinite integral. No credit for students with credit in MAC 2233 or MAC 2243 or MAC 2311.

MAC 2312 Calculus II 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 2311 or CC. No credit for students with credit in MAC 2242 or MAC 2282. Antiderivatives, the definite integral, applications, series, log, exponential and trig functions.

MAC 2313 Calculus III 6A (4) AS MTH
PR: C (2.0) or better in MAC 2312 or CC. No credit for students with credit in MAC 2283. Integration, polar coordinates, conic sections, vectors, indeterminate forms and improper integrals.

MAD 3100 Discrete Mathematics 6A QM (3) AS MTH
PR: MAT 2281 or CC. No credit for Mathematics majors. An introduction to some of the aspects of discrete mathematics that are fundamental to the mathematical computer sciences. Include sets, numbers, algorithms, Boolean algebra, computer arithmetic, elementary combinatorics and an introduction to graph theory.

MAD 4401 Numerical Analysis 6A (3) AS MTH
PR: MAP 2302 and MAS 3105. Interpolation and quadrature, finite differences, numerical solution of algebraic and transcendental equations, numerical solution of differential equations, computer techniques.

MAD 4504 Theory of Computation 6A (3) AS MTH

MAD 5101 LISP: Programming With Algebraic Applications (3) AS MTH
PR: MGF 3306 or MAD 6510 or MAS 5311 or CI. Programming in LISP. Functional languages, foundations of Lambda Calculus and algebraic applications (theorem proving and game playing).

MAD 5303 Graph Theory 6A QM (3) AS MTH
PR: MAS 3105 or CI. Brief introduction to classical graph theory (4-color theorem, etc.), directed graphs, connected digraphs, condensations, incidence matrices, Polya’s Theorem, networks.

MAE 4320 Teaching Mathematics in the Middle Grades (3) ED EDE
PR: Admission to College of Education and two college level mathematics courses. Methods for teaching number ideas, computation skills, and mathematical reasoning.

PR: Admission to Mathematics Education program or DPR.
Techniques and materials of instruction in middle grades mathematics. Students are expected to observe 15 hours in middle schools.

MAE 4326 Teaching Elementary School Mathematics II (3) ED EDE
PR: MAE 4316. Provides for the development of knowledge and skill necessary to prepare students to assume roles as teachers of mathematics in elementary and special education classes. Required in the undergraduate programs in Elementary Education.

MAE 4330 Teaching Senior High School Mathematics (3) ED EDO
PR: Admission to Mathematics Education program or DPR. The course prepares secondary mathematics education majors to write computer programs in both QBASIC and Logo 4.0 that are appropriate for secondary school mathematics classrooms. A variety of uses of computers in mathematics instruction will also be covered.

MAE 4653 Technology for Teaching Secondary School Mathematics II (3) ED EDO
PR: Admission to Mathematics Education program or DPR. This course prepares secondary mathematics education majors to be proficient with hand-held technologies such as graphing calculators, symbolic manipulators, calculator based laboratory systems and hand held geometric drawing tools.

MAE 4909 Directed Study: Mathematics Education (1-3) ED EDO
PR: Senior Standing and C. To extend competency in teaching field.

MAE 4936 Senior Seminar in Mathematics Education (2) ED EDO
PR: Senior Standing; CR: MAE 4940. Synthesis of teacher candidate’s courses in complete college program.

MAE 4940 Internship: Mathematics Education (1-12) ED EDO
CR: MAE 4936, S.U. only. One full semester of internship in a public or private school. In special programs where the internship experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.

MAE 5875 Abstract Algebra for Teachers (3) AS MTH
PR: MAS 3105 and MAS 4301 and Bachelor’s degree or C. No credit for Mathematics majors. Groups, fields, vector spaces as they relate to high school algebra and geometry.

MAN 3025 Principles of Management (3) BA MAN
PR: Junior standing. Examines interpersonal, intergroup factors influencing the management task.

MAN 3240 Organizational Behavior Analysis (3) BA MAN
PR: MAN 3025. The course covers research literature relevant to organizational functioning including behavioral effects of power and authority, formal organization, structural variation, leadership, motivation, and communication.

MAN 3301 Human Resource Management (3) BA MAN
To develop a broad exposure to new approaches, techniques, and future trends in the management of personnel. A study of the major functions in personnel including job analysis, manpower planning, selection, performance evaluation, training, and wage and salary administration.

MAN 3401 Industrial Relations (3) BA MAN
Conceptualization of the administrative problems arising from unionization. Emphasis on the relationship between management and employee representatives in private and public employment.

MAN 4120 Managerial Behavioral Laboratory (3) BA MAN
PR: MAN 3240 or equivalent. Development of direct understanding of personal, interpersonal, and intergroup factors present in organizational interaction. Stress is on a series of experiential exercises and written application of results within a laboratory setting.

MAN 4129 Theory and Practice of Management Skills (3) BA MAN
This course invokes the transfer of theory into practice. It requires the active involvement of students in developing and practicing the skills needed to be a successful manager.

MAN 4280 Organizational Development and Change (3) BA MAN
PR: MAN 3240 or C. A lab course where students experimentally apply behavioral science techniques in an “action-research” framework to the cycle of planned change so as to build a more effective organization.

MAN 4282 Organizational Assessment (3) BA MAN
PR: MAN 3240. The assessment and measurement of factors which influence organizational effectiveness and the quality of work life. Data based cases will be used by students to assess managerial and supervisory skills and to measure organizational functioning and work design.

MAN 4402 Employment Laws (3) BA MAN
Federal and state regulation of the employment relationship, including wage and hour laws; EEO; affirmative action programs; employee benefits; insurance; workers’ compensation, safety, health, employee’s personal rights; collective bargaining legislation.

MAN 4430 Seminar in Negotiations and Administration of Labor Agreements (3) BA MAN
Case studies in contract negotiation, administration, grievance settlement, and arbitration. Assumes familiarity with industrial relations system.

MAN 4434 Operations Management: A Systems Approach (3) BA QMB
PR: ISM 3431 or equivalent. Studies the problems of “operations” in all types of enterprises in both the public and private sectors. Emphasis is placed on the application of various decision science methodologies to problem situations.

MAN 4507 Operation Production Systems (3) BA QMB
PR: MAN 4504 or C. Study of closed loop production planning and control systems. Master production planning, inventory management, materials requirements planning, capacity management, production activity. Relationship to organizational effectiveness.

MAN 4600 International Management (3) BA MAN
PR: MAN 3025, Senior Standing or C. Examines the effects of international cultural differences on business practices within and outside the United States and provides methods to build synergies and establish/enhance competitive advantage via those differences.

MAN 4802 Entrepreneurship and Small Business Management (3) BA MAN
PR: ACG 2021, ACG 2071, MAR 3023, or C. Study of the factors involved in starting and managing a small- to medium-sized business. Emphasis on conduct of pre-business feasibility study, start-up of business, successful management of the firm, and options for succession or termination.

MAN 4804 Small Business Management Counseling (3) BA MAN
PR: MAN 4802 or C. Field application in small business settings by (a) analyzing an on-going small business and developing recommendations for making improvements; or (b) conducting a feasibility study for a new enterprise and developing a strategy for implementation if favorable.

MAN 4905 Independent Study (1-3) BA MAN
PR: C. S/U only. Specialized independent study determined by the students needs and interests.

MAN 4930 Selected Topics in Management (1-3) BA MAN
Topics to be selected by instructor and department chairperson for pertinent Management issues.

MAN 4931 Independent Research (1-4) BA MAN
PR: C. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.

MAP 2302 Differential Equations 6A (3) AS MTH
PR: MAC 2283 or MAC 2313. First order linear and nonlinear differential equations, higher order linear equations, applications.

MAP 5316 Ordinary Differential Equations I (3) AS MTH
PR: MAP 2302 and MAE 4211, or C. Existence and uniqueness theory, properties of solutions, linear systems, stability theory, Sturm-Liouville theory.

MAP 5317 Ordinary Differential Equations II (3) AS MTH
PR: MAP 5316 and MAE 5307 or C. Topics selected from fixed point theory, comparison theory, oscillation theory, Poincare-Bendixson Theory, Lyapunov functions, eigenfunction expansions.

MAP 5345 Applied Partial Differential Equations (3) AS MTH
PR: Selection of variables, the heat equation, wave equation, Laplace’s equation, classification, Green’s functions with emphasis on applications.

MAP 5407 Methods of Applied Mathematics (3) AS MTH
PR: MAP 2302 or C. A lab course involving the transfer of theory. Fourier series, Green’s functions, matrix methods for linear systems of ordinary differential equations, and topics from calculus of variations, control theory, numerical solutions of differential equations.
MAR 2931 Selected Topics in Marketing (1-4) BA MKT
Not available for credit to upper-level students who have been admitted to the College of Business. Topics to be selected by department chairman.

MAR 3023 Basic Marketing (3) BA MKT
Pr: Junior standing. Survey of the marketing of goods and services within the economy. Attention is paid to the impact of marketing on other functional areas of business as well as society.

MAR 3400 Professional Selling (3) BA MKT
Pr: MAR 3023 or CI. A study of the stages of the professional selling process, and the role of sales in today’s marketing environment. Emphasis on learning adaptive selling techniques and developing effective interpersonal communications skills.

MAR 3613 Marketing Research (3) BA MKT
Pr: QMB 2100, MAR 3023. A study of research methods and techniques applicable to problem solving in marketing. Attention is also given to defining information needs, determining the value of information, interpreting and reporting information for use in marketing decision making.

MAR 3823 Marketing Management (3) BA MKT
Pr: MAR 3023. An applications oriented study of the marketing function at an intermediate level. Emphasis upon techniques for analysis and problem-solving. Builds upon the principles and concepts learned in MAR 3023, and provides a strong foundation for the remaining courses in the marketing curriculum.

MAR 4156 International Marketing (3) BA MKT
Pr: MAR 3023. A study of procedures and problems associated with establishing marketing operations in foreign countries. Includes the institutional principles and methods and the application of quantitative techniques used in establishing and controlling customer service levels.

MAR 4213 Logistics and Physical Distribution Management (3) BA MKT
Pr: MAR 3023 or CI. A study of logistics in the marketing of goods and services. Includes a description and analysis of the logistics environment as well as components of the physical distribution system with an emphasis on information flows and the application of quantitative techniques used in establishing and controlling customer service levels.

MAR 4333 Promotion Management (3) BA MKT
Pr: MAR 3023 or CI. A study of the role of promotion in the marketing program of the firm, including the promotional tools available to the marketing manager and the various types of decisions made in the promotional area. Decision-making process in development of a promotional program is emphasized.

MAR 4403 Sales Management (3) BA MKT
Pr: MAR 3023 or CI. A study of sales management and strategy as a subset of marketing management. Emphasis is placed on developing the problem-solving and decision-making skills required of the sales manager in the modern market-oriented company.

MAR 4453 Business to Business Marketing (3) BA MKT
Pr: MAR 3023. A study of the marketing of goods and services to the industrial and institutional sectors. Includes characteristics of the markets and channels of distribution, sales, management, research and promotional practices, marketing policies and strategies.

MAR 4503 Buyer Behavior (3) BA MKT
Pr: MAR 3023. A study of the basic concepts of buyer behavior, including pre- and post-purchase attitudes and behavior patterns, information processing relating to the functional areas of marketing and the buyer's decision-making process. Managerial applications to marketing are emphasized.

MAR 4924 Marketing Management Problems (3) BA MKT
Pr: Senior Standing, MAR 3823, MAR 3613, MAR 4333. The integration of marketing knowledge applied to decision roles in managing the total marketing effort of firms, and coordination with other functional areas on specific projects.

MAR 4930 Independent Research (1-3) BA MKT
Pr: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually agreed upon by the instructor and student.

MAR 4905 Independent Study (1-3) BA MKT
Pr: CI. S/U only. Specialized independent study determined by the student's needs and interests.

MAR 4933 Selected Topics In Marketing (1-3) BA MKT
Topics to be selected by instructor and department chairperson.

MAS 2910 Constructive Number Theory and Linear Algebra (3) US DEA
Pr: Acceptance in USF-Hillsborough County Mathematics and Science Program. Computational and constructive aspects of number theory. Topics include: properties of integers, Diophantine Equations, congruence, quadratic residues polynomials over the integers, systems of linear equations, matrices and determinants.

MAS 3105 Linear Algebra 6A (4) AS MTH
CP: MAC 2301 and MAC 2283 or MAC 2313. Linear systems, matrix algebra, vector spaces, linear independence, inner product spaces, Gram-Schmidt algorithm, linear transformations and matrix representations, determinants, eigenvalues, diagonalization, quadratic forms.

MAS 4156 Vector Calculus 6A (4) AS MTH
Pr: MAS 3105 and either MAC 2313 or MAC 2283. Implicit function and inverse function theorems, parameterized surfaces, submanifolds on Euclidean space, exterior calculus of differential forms, differentiation of vector fields, line and surface integrals, Stokes’ Theorem, elementary continuous groups.

MAS 4214 Elementary Number Theory 6A (3) AS MTH
Pr: MAC 2312. No credit towards Mathematics major. Divisibility, prime numbers, Fundamental Theorem of Arithmetic, Diophantine equations, the algebra of congruencies, number functions and other selected topics.

MAS 4301 Elementary Abstract Algebra 6A (3) AS MTH
Pr: MAS 3105. An introduction to the basic algebraic structures; groups, rings, integral domains, and fields; homeomorphisms and homomorphisms.

MAS 5107 Advanced Linear Algebra (3) AS MTH

MAS 5215 Number Theory (3) AS MTH
Pr: MAS 3105 and MAS 4301, or CI. Fundamental theorem of arithmetic, modular arithmetic, Chinese remainder theorem, Mersenne primes, perfect numbers, Euler-Fermat theorem, pseudo primes, primitive roots, law of quadratic reciprocity, factorization and primality testing algorithms.

MAS 5311 Algebra I (3) AS MTH
Pr: MAS 3105 and MAS 4301 or CI. Group theory: Sylow theorems; classification of groups of small order. Ring theory: ideals, quotient rings, polynomial rings, Euclidean domains, principal ideal domains and unique factorization.

MAS 5312 Algebra II (3) AS MTH
Pr: MAS 5311 or CI. Continuation of MAS 5311. Finite generated modules over a principal ideal domain, basic field theory, finite fields, Galois theory.

MAT 2930 Selected Topics in Mathematics 6A (1-4) AS MTH
Pr: CI. The course content will depend on the interest of faculty members and student demand.

MAT 2936 Technology in Mathematics 6A (1) AS MTH
S/U only. Two hour/week technology seminar to acquaint students majoring in mathematics, physics, and other sciences with the computer tools necessary in scientific communication and document preparation.

MAT 4906 Independent Study 6A (1-4) AS MTH
Pr: CI. S/U only. Specialized independent study determined by the student's needs and interests. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

MAT 4930 Selected Topics in Mathematics 6A (1-4) AS MTH
Pr: CI. The course content will depend on the interest of faculty members and student demand.

MAT 4937 Mathematics Majors Seminar 6A (1) AS MTH
Pr: MAS 4301.

MAT 4970 Mathematics Senior Thesis 6A (3) AS MTH
Pr: Admission to Mathematics Honors Program and CC. S/U only. Course restricted to mathematics majors.

MAT 5932 Selected Topics (1-4) AS MTH
Pr: CI. Each course covers a single topic outside the usual curriculum.

MCB 3020C General Microbiology (4) AS BIO

MCB 4115 Determinative Bacteriology (5) AS BIO
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>College</th>
<th>Notes</th>
</tr>
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<tr>
<td>MGF 1116</td>
<td>Mathematical Experience</td>
<td>3</td>
<td>MTH</td>
<td></td>
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<tr>
<td>MGF 1106</td>
<td>Finite Mathematics</td>
<td>3</td>
<td>MTH</td>
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<td>MET 4002</td>
<td>Climatology</td>
<td>4</td>
<td>AS GPY</td>
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<td>MCB 4404</td>
<td>Microbial Physiology and Genetics (4) AS BIO</td>
<td>4</td>
<td>AS MTH</td>
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<td>MCB 4502C</td>
<td>Virology</td>
<td>3</td>
<td>AS MTH</td>
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<td>MCB 4910</td>
<td>Microbiology Undergraduate Research (1-4) AS BIO</td>
<td>1-4</td>
<td>AS MTH</td>
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<td>MCB 4934</td>
<td>Seminar in Microbiology (1) AS BIO</td>
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<td>MCB 5206</td>
<td>Public Health and Pathogenic Microbiology (3) AS BIO</td>
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<td>AS MTH</td>
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<tr>
<td>MCB 5655</td>
<td>Applied and Environmental Biology (3) AS BIO</td>
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<td>AS MTH</td>
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<tr>
<td>MCB 5815</td>
<td>Medical Mycology (3) AS BIO</td>
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<td>AS MTH</td>
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<tr>
<td>MET 4002C</td>
<td>Climatology (4) AS GPY</td>
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<td>AS MTH</td>
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<tr>
<td>MCF 5502</td>
<td>Public Health and Pathogenic Microbiology (3) AS BIO</td>
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<td>AS MTH</td>
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<tr>
<td>MCB 5655</td>
<td>Applied and Environmental Biology (3) AS BIO</td>
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<td>AS MTH</td>
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<tr>
<td>MCB 5815</td>
<td>Medical Mycology (3) AS BIO</td>
<td>3</td>
<td>AS MTH</td>
<td></td>
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<tr>
<td>MET 4010C</td>
<td>Meteorology (4) AS GPY</td>
<td>4</td>
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<td>MGF 1106</td>
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<tr>
<td>MGF 1107</td>
<td>Mathematics for Liberal Arts 6A QM (3) AS MTH</td>
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<td>MGF 1116</td>
<td>Mathematical Experience 6A (3) AS MTH</td>
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<td>MGF 1131</td>
<td>Chaos and Fractals 6A QM (3) AS MTH</td>
<td>3</td>
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<tr>
<td>MGF 3301</td>
<td>Bridge to Abstract Mathematics 6A QM (4) AS MTH</td>
<td>4</td>
<td>AS MTH</td>
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</tr>
</tbody>
</table>

PR: MCB 3020C, Survey of bacterial classification; detailed examinations of bacteria important to man in agriculture, in industry and as pathogens. Lec-lab.

MCB 4404 Microbial Physiology and Genetics (4) AS BIO
PR: MCB 3020C and CP, BCH 3023. A study of the physiological, metabolic, and genetic phenomena pertinent to understanding the growth, development, ecology, regulation, and reproduction of microorganisms. The course emphasizes the interdependence of physiological and genetic approaches to microbiology. Lec-lab.

MCB 4404 Microbial Physiology and Genetics Laboratory (1) AS BIO
CR: MCB 4404C. Laboratory portion of Microbial Physiology and Genetics relating to biochemical characteristics and metabolic capabilities of microorganisms. Lec-lab.

MCB 4502C Virology (3) AS BIO
PR: MCB 3020C. The biology of viruses associated with plants, animals, and bacteria will be considered; the nature of viruses, mechanisms of viral pathogens, and interactions with host cells.

MCB 4910 Microbiology Undergraduate Research (1-4) AS BIO
PR: CC. For B.S. Microbiology majors only. S/U only. Individual investigation with faculty supervision.

MCB 4934 Seminar in Microbiology (1) AS BIO
PR: Senior or advanced junior standing. S/U only. Biology majors may take for elective credit.

MCB 5206 Public Health and Pathogenic Microbiology (3) AS BIO
PR: MCB 3020C, CI. A comprehensive survey of pathogenic microorganisms responsible for disease in man and other animals and the impact of these infectious agents on the public health. These pathogens will be studied with respect to their morphology, cultivation, mechanisms of pathogenicity, laboratory diagnosis, and epidemiology.

MCB 5655 Applied and Environmental Biology (3) AS BIO
PR: MCB 3020C. A study of the applications of microbiology to the food/beverage industry, agriculture, public health and bioremediation. This course is a microbiology elective and has a mandatory field trip.

MCB 5815 Medical Mycology (3) AS BIO
PR: MCB 3020C or CI. A modern biological survey of the medically important fungi (yeasts and molds) important to microbiologists and environmental scientists.

MET 4002 Climatology (4) AS GPY
PR: GEO 3013 or CI. An introductory survey of climatology. A qualitative study of the dynamics and general circulation of the atmosphere. Surface and upper level atmosphere linkages in the mid latitudes will be examined. Discussion of the regional climatic patterns and anomalies throughout the world.

MET 4010C Meteorology (4) AS GPY
PR: GEO 3013 or CI. The earth’s atmosphere and its processes; weather formation and analysis; instrumentation.

MGF 1106 Finite Mathematics 6A QM (3) AS MTH
PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 22 or better on Math Score, or 72 or better on GED Math score. Conceptual and analytical skills in areas of logic, linear equations, linear programming, mathematics of finance, permutations and combinations, probability, and descriptive statistics.

MGF 1107 Mathematics for Liberal Arts 6A QM (3) AS MTH
PR: C (2.0) or better in MAT 1033, or SAT/ACT score, or Placement Exam score. This terminal course is intended to present topics which demonstrate the beauty and utility of mathematics to the general student population. Among the topics which might be included are: Financial Mathematics, Linear and Exponential Growth, Numbers and Number Systems, Elementary Number Theory, Voting Techniques, Graph Theory, and the History of Mathematics.

MGF 1116 Mathematical Experience 6A (3) AS MTH
PR: Two years of high school algebra. Introduction to some important and interesting basic ideas in mathematics with an emphasis on a mathematical way of thinking. Concepts such as definitions, axioms and proofs are explained. Topics from number theory, combinatorics, algebra and geometry are used. Some topics are selected in their historical background and their impact on the development of mathematics is discussed.

MGF 1131 Chaos and Fractals 6A QM (3) AS MTH
PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 450 or better ACT Math score, or 72 or better on GED Math score. Computer experiments in the behavior of functions under iteration; periodicity, attractors, stability, complex numbers, Cantor set, fractional dimension, sensitive dependence.

MGF 3301 Bridge to Abstract Mathematics 6A QM (4) AS MTH
CP: MAC 2313 or MAC 2283. Techniques and logic of the construction of proofs. Topics will be selected from propositional logic, set theory, relations, functions, equivalence relations, Boolean algebra, cardinality, and limits.

MHR 4403 The Early History of Mathematics 6A QM (3) AS MTH
PR: MAC 2312 and upper-level standing. A study of the history and development of mathematics and its cultural impact from the formation of number systems to the Renaissance.

MHR 4406 The History of Modern Mathematics 6A QM (3) AS MTH
PR: MAC 2313. Traces the development of mathematical ideas in Western culture.

MHR 5306 Mathematical Logic and Foundations I (3) AS MTH
PR: MAS 4301 or CI. Two-course sequence covering; predicate calculus and classical model theory; transfinite set theory and the system ZFC; recursion, decidability.

MHR 5402 The Early History of Mathematics (3) AS MTH
PR: MAC 2312 A study of the history and development of mathematics and its cultural impact from the formation of number systems to the Renaissance.

MHR 5405 History of Modern Mathematics (3) AS MTH
PR: MAC 2313. Traces the development of mathematical ideas in Western culture. Special emphasis is placed on those concepts which led to the Calculus. This course is open to majors and non-majors alike.

MHS 3411 Multidisciplinary Behavioral Healthcare Services (3) FM MHS
PR: CI or Junior Standing minimum. Working in behavioral healthcare requires the application of specific knowledge and skills. This open enrollment course offers a practical multidisciplinary look at service delivery. Students will examine their career and educational goals from the perspective of their impact on the delivery systems of behavioral healthcare.

MHS 4002 Behavioral Health Systems Delivery (3) FM MHS
PR: MHS 3411 This course is designed to provide students with an understanding of the significant issues and trends in behavioral health delivery systems in America. Four major areas will be emphasized: 1) history and legislation; 2) systems delivery; 3) programs and policies; 4) selected at-risk populations. This course is not repeatable for credit and is open to non-majors in behavioral healthcare.

MHS 4052 Human Relations Skills in Counseling MW (4) ED EDG
Introduction to the theory of human relations dynamics and development of skills required for effective interpersonal relations. Lecture sessions and experiential training.

MHS 4407 Exemplary Practices in Behavioral Healthcare Treatment (3) FM MHS
Directed study. Student must have a contract with an instructor.

MHS 4905 Independent Study: Guidance and Counseling Education (1-4) ED EDG
PR: DPR. S/U only. Specialized independent study determined by the student’s needs and interests.

MHS 4931 Selected Topics (1-4) FM MHS
The course content will depend on student demand and instructor’s interest. The course may be repeated for different topics up to 8 times.

MLS 4031 Introduction to Medical Technology (2) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on principles and methods of medical technology, including professional ethics, safety regulations, quality control, phlebotomy, medical terminology, laboratory math, and computer applications.

MLS 4860 Clinical Urinalysis and Body Fluids (2) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on laboratory methodology and diagnosis using urine and other fluids such as semen, spinal, pleural, peritoneal, and joint fluids.

MLS 4861 Clinical Immunology (2) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on laboratory methodology and diagnosis using urine and other fluids such as semen, spinal, pleural, peritoneal, and joint fluids.
hospital. A hospital clinical course on the tissues, cells, and molecules of the human immune system, emphasizing the detection of serum antibodies and disease states.

MLS 4862 Clinical Hematology (6) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course emphasizing pathogenic factors related to laboratory diagnosis and disease, including blood coagulation and morphological and biochemical aspects of blood cells.

MLS 4863 Clinical Microbiology (6) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course emphasizing pathogenic factors responsible for diseases in man, including morphology, physiology, and laboratory diagnosis of bacteria, fungi, parasites, and viruses.

MLS 4864 Clinical Chemistry (6) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on the analysis of chemical substances found in the body as related to the diagnosis of human disease, including topics such as instrumentation, electrophoresis, therapeutic drug-monitoring assays, tumor markers, and toxicology.

MLS 4865 Clinical Immunohematology (6) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on blood and tissue typing, including blood group systems, transfusion associated diseases, HLA testing, and preparation of blood and blood components for transfusion therapy.

MLS 4866 Clinical Laboratory Management and Education (1) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on concepts of laboratory management, including personnel staffing, reimbursements, quality assurance, and regulatory issues, and clinical education techniques, including writing, lecture presentation, and evaluation.

MMC 2100 Writing the Mass Media (3) AS COM
PR: Sophomore standing; 2.75 overall grade point average; grade of “C” in ENC 1101, ENC 1102, and passing score on English Placement Test. An introduction to the basic skills of writing for the mass media with practice in library research, persuasive writing, and informational writing.

MMC 3602 Mass Communications and Society SS HP (3) AS COM

MMC 4123 Media Script Writing (3) AS COM
PR: MMC 2100 and MMC 3602. An introduction to the techniques of writing scripts for electronic media. Emphasis is on documentary presentation.

MMC 4200 History and Principles of Communications Law (3) AS COM
PR: MMC 2100 and MMC 3602. Historical and constitutional backgrounds of freedom and control of expression, statutory environments, major court decisions, and administrative rulings which affect print media, telecommunications, advertising, public relations, and new media.

MMC 4203 Communication Ethics (3) AS COM
PR: MMC 2100 and MMC 3602 or CI. A study of the fundamental principles and philosophies of ethics and their application to the decision-making process in the various professions of mass communications.

MMC 4204 Research Methods in Mass Communications (3) AS COM
PR: MMC 2100 and MMC 3602. An introduction to the theory and practice of quantitative and historical research methods as applicable to the study of media and mass communications. Emphasis on survey research, evaluation of data, and report writing.

MMC 4900 Directed Reading in Mass Communications (1-3) AS COM
PR: Junior standing and CI. Reading and directed study in special topics.

MMC 4910 Individual Research in Mass Communications (1-3) AS COM
PR: Junior standing and CI. The course provides means for a student to do independent study in an area not covered by a numbered course.

MMC 4936 Selected Topics in Mass Communications Studies (1-3) AS COM
PR: MMC 2100, MMC 3602 and CI. Courses designed to meet current or specific topics of interest to instructors and students.

MMC 4935 Media Internship-Seminar (3) AS COM
PR: CI and 15 hours in Mass Comm. courses and completion of an 8-12 week paid media internship with newspaper, broadcast station, or other media-related agency approved by the School. S/U only. Reports on experiences for discussion and evaluation.

MSL 1001C Foundations of Officership (2) US MIS
Examines the unique duties and responsibilities of officers, their role in the Army, and review skills pertaining to fitness and communication, analyze Army values and expected ethical behavior. Lec.-Lab.

MSL 1002C Basic Leadership (2) US MIS
Develops leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills. Lec.-Lab.

MSL 2101C Individual Leadership Studies (2) US MIS
Develops leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills.

MSL 2102C Leadership and Teamwork (2) US MIS
Focuses on self-development guided by knowledge of self and group processes, challenges current beliefs, knowledge, and skills.

MSL 2900 Army Physical Readiness (1) US MIS
This course will train students in the unique role of Army physical readiness in sustaining military operations. It will also prepare students to plan, prepare, and conduct military fitness training. Repeatable for 8 credit hours, but only 4 credit hours will be counted toward the program.

MSL 2901 Basic Leader Training (4) US MIS
PR: CI. A 35 day internship at Fort Knox, Kentucky that incorporates a wide range of military subjects designed to develop/evaluate leadership and officer potential. The course is intentionally stressful and designed to build individual confidence through the accomplishment of tough and demanding training. Students completing the course may qualify for entry into the ROTC Advanced Course.

MSL 3201C Leadership and Problem Solving (3) US MIS
Examines skills that underlie effective problem solving, analyze contemporary missions and plan military operations, execute squad battle drills.

MSL 3202C Leadership and Ethics (3) US MIS
Probes leader responsibilities that foster an ethical command climate, develop cadre leadership competencies, apply principles and techniques of effective written and oral communication.

MSL 4301C Leadership and Management (3) US MIS
Discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, and apply leadership and problem solving principles to a complex case study/simulation.

MSL 4302C Officership (3) US MIS
Capstone course to explore topics relevant to second lieutenants entering the Army, describe legal aspects of decision making and leadership, analyze Army organization from tactical to strategic levels.

MSL 5200 Advanced Directed Study and Research (1-3) US MIS
PR: CI and permission of Professor of Military Science. Intensive individual study in a particular aspect of military science that is not covered in regular course offerings. Request for enrollment must be made prior to registration in the form of a written proposal.

MTG 3212 Geometry 6A (3) AS MTH
PR: MAC 2311. No credit towards Mathematics major. Emphasis on axiomatics, advanced Euclidean geometry, elements of projective geometry, non-Euclidean geometry.

MTG 4214 Modern Geometry 6A (3) AS MTH
CP MAS 4301 or CI. Topics will be selected from modern plane geometry, Mobius geometry, elliptic and hyperbolic geometry.

MTG 4301 Introduction to Topology 6A (3) AS MTH

MTG 5256 Differential Geometry (3) AS MTH
PR: MAA 4211, MAS 3105. Exterior calculus, differentiable manifolds, integration of differential forms, surfaces in 3-space, covariant derivative of a curve, matrix groups.

MTG 5316 Topology I (3) AS MTH

MTG 5317 Topology II (3) AS MTH
PR: MTG 5316. The fundamental group; elements of homotopy theory and homology theory.

MUC 2221 Composition (3) VP MUS
MUC 4404 Electronic Music-Real-Time Performance II (3) VP MUS
PR: MUC 4002 and MUC 3442 or equivalent. DPR. Composition for analog/digital equipment, performance applications; sound synthesis, interfacing electronics with conventional instruments.

MUC 4620 Jazz Composition (3) VP MUS
PR: MUT 3151 and/or DPR. Private instruction in original jazz arrangement. Required of All Jazz Studies Comp. majors, minimum six hours.

MUC 5625 Jazz Composition (2) VP MUS
PR: CI. Required of all composition majors. Private instruction in original composition. May not be repeated for credit.

MUE 2090 Theoretical Bases Of Music Education (3) VP MUS
PR: DPR. The course is designed to investigate music education practices in public and private schools. Through a reading and information offered in this course a student will be able to determine the necessity of continued professional music education.

MUE 3421 Choral Techniques and Pedagogy (1) VP MUS
A study of choral materials in a laboratory setting appropriate to elementary and secondary school music programs. Course content will change each semester.

MUE 3422 Wind Techniques and Pedagogy (2) VP MUS
PR: DPR. A study of wind instruments and band, symphonic and wind band techniques, applicable to brass and woodwind instruments and ensembles.

MUE 3423 String Techniques and Pedagogy (1) VP MUS
PR: DPR. A survey of string instruments, materials, techniques, and repertoire. A study of string methods and techniques appropriate to secondary school music programs. Course content will change each semester.

MUE 3930 Music Education Forum (1) VP MUS
PR: Status as a music education major; permission of the Music Advisor. Discussion of music education topics such as music education curriculum, theory of music, music and society, school safety, social problems in music education, and music and the law. Required for Music Education majors.

MUE 4210 Music For The Child (3) VP MUS
PR: Permission of the College of Education, DPR. Development of music skills and knowledge of music materials and teaching for elementary school music students.

MUE 4311 K-12 General Music Methods and Practicum (4) VP MUS
PR: MUE 2090 This course will consist of theoretical and practical training in teaching General Music Education K-12. It will include the study of philosophies, strategies and methodologies in contemporary General Music Education used in the USA and internationally.

MUE 4331 Choral Methods In The Secondary School (3) VP MUS

MUE 4332 Instrumental Music-Analog Synthesis I (3) VP MUS

MUE 4480 Special Ensemble Methods (2) VP MUS
This course is restricted to majors and is repeatable for up to 6 credits.

MUE 4936 Senior Seminar In Music (2) VP MUS
CR: MUE 4940. DPR. Synthesis of student's coursework in complete college program. Required concurrently with internship.

MUE 4940 Internship: Music Education (6-10) VP MUS
CR: MUE 4936. S/U only. DPR. One full semester of internship in public or private elementary and secondary schools. Restricted to majors. May not be repeated for credit. DPR. May be taken for one semester or two semesters.

MUE 5001 Folk And Traditional Music Of World Cultures FA AF (3) VP MUS
A comparative survey of the stylistic traits and functions of the folk and traditional music, both sacred and secular, of diverse Western and non-Western cultures. For non-majors; may be taken by music majors as an elective with departmental approval.

MUE 5010 Music History/Medieval And Renaissance (2) VP MUS
PR: DPR. Required of music majors; a study of the historical development of musical styles of the Medieval and Renaissance periods and of the music of those periods.

MUE 5301 Music History/Baroque And Classic (3) VP MUS
PR: MUL 2111. Required of music majors; open to non-majors with DPR. A study of the historical development of musical styles of the Baroque and Classic periods and of the music of those periods.

MUE 5302 Music History/Romantic And 20th Century MW (3) VP MUS
PR: MUL 2111. Required of music majors; open to non-majors with DPR. A study of the historical development of musical styles of the Romantic and Twentieth Century eras and of the history and repertory of music of those periods.

MUE 5405 Intercultural Music In The Twentieth Century MW (3) VP MUS
PR: MUL 2111. Required of music majors; open to non-majors with DPR. A study of the historical development of musical styles of the Romantic and Twentieth Century eras and of the history and repertory of music of those periods.

MUE 5458 Intercultural Music In The Twentieth Century MW (3) VP MUS
PR: MUL 2111. Required of music majors; open to non-majors with DPR. A study of the historical development of musical styles of the Romantic and Twentieth Century eras and of the history and repertory of music of those periods.

MUE 5501 Issues In Music Literature FA AF (2-3) VP MUS
Open only to non-music majors. Lectures and live performances.
MUL 3012 Music in Your Life (FA) (3) VP MUS
Open only to non-music majors. Study in the art of music and its elements, designed to develop an understanding of basic principles of music and a technique for listening to music.

MUN 1100 University Pep Band (1-3) VP MUS
This course provides performance experiences with the Pep Band. The course is open to any major area. Fall Term participation in Marching Band is required prior to enrollment.

MUN 1110 University Marching Band (1) VP MUS
This course provides performance experiences with the Marching Band. The course is open to any major area.

MUN 3143 Wind Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3213 University Orchestra (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3313 University Singers (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3343 Chamber Singers (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3383 University-Community Chorus (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3411 String Quartet (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3421 Flute Choir (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3424 Woodwind Quintet (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3431 Brass Quintet (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3432 Horn Quartet (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3433 Brass Choir (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3443 Percussion Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3444 Marimba Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3453 Piano Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3473 Collegium Musicum (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments, and piano.

MUN 3713 Jazz Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments.

MUN 3714 Jazz Chamber Ensemble (1) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for small combinations of voices, string, woodwind, brass, or percussion instruments.

MUT 1110 University Marching Band (1) VP MUS
PR: DPR. Open to any major area. Fall Term participation in Marching Band is required prior to enrollment.

MUT 1111 University Pep Band (1-3) VP MUS
PR: DPR. Open to all university students with the necessary proficiency in their performance media; study and performance of music for large combinations of voices, string, woodwind, brass, or percussion instruments.

MUT 2116 Music Theory III (3) VP MUS
MUT 2117 Music Theory IV (3) VP MUS
PR: MUT 2116, DPR. Required of music majors, continuation of MUT 1111, 1112, and 2116.

MUT 2246 Aural Theory III (1) VP MUS
PR: MUT 2142. To be taken concurrently with MUT 2116, MUT 2117, DPR. Course designed to continue training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 2247 Aural Theory IV (1) VP MUS
PR: MUT 2246. To be taken concurrently with MUT 2116, MUT 2117, DPR. Course designed to continue training in aural recognition and vocal realization of materials used in music composition. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 2641 Jazz Theory And Improvisation I (2) VP MUS
PR: MUT 1112 and/or DPR. A study of jazz improvisational techniques and related jazz theory.

MUT 2642 Jazz Theory And Improvisation II (2) VP MUS
PR: MUT 2641 or DPR. A study of jazz improvisational techniques and related jazz theory.

MUT 3353 Jazz Composition and Arranging I (3) VP MUS
PR: MUT 1112 and DPR. Course designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration, harmonic, and melodic practices.

MUT 3354 Jazz Composition and Arranging II (3) VP MUS
PR: MUT 3353 and DPR. Course designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration, harmonic, and melodic practices.

MUT 3663 Advanced Jazz Improvisation I (2) VP MUS
PR: MUT 2642 or DPR. A studio course study of the improvised solos of the major innovators in jazz. Oriented toward the continued development of students’ soloing ability. Students are required to enroll in Jazz Chamber Ensemble as a lab. Open to majors and non-majors.

MUT 3664 Advanced Jazz Improvisation II (2) VP MUS
PR: MUT 3663, DPR. A continuation of Jazz Styles and Analysis I with the emphasis on contemporary jazz artists. Students are required to enroll in Jazz Chamber Ensemble as a lab. Open to majors and non-majors.

MUT 4310 Orchestration I (2) VP MUS
PR: DPR. Intensive study and practice in scoring music for various combinations of instruments, including symphony orchestra, band, and smaller ensembles of string, woodwind, brass, and percussion instruments.

MUT 4311 Orchestration II (2) VP MUS
PR: MUT 4310, DPR. Intensive study and practice in scoring music for various combinations of instruments, including symphony orchestra, band, and smaller ensembles of string, woodwind, brass, and percussion instruments.

MUT 4421 Eighteenth Century Practice (3) VP MUS
PR: MUT 2117, DPR. An intensive study of the contrapuntal practice of the 18th century; development of skills in perceiving and writing music in the style of the period through the use of aural and visual analysis.

MUT 4571 Twentieth Century Practice (3) VP MUS
PR: MUT 2117, DPR. A study of 20th century theoretical concepts; development of skills in perceiving and writing music in contemporary styles through the use of aural and visual analysis.

MUT 5051 Graduate Review Of Music Theory (2) VP MUS
PR: DPR. A graduate level review of basic theoretical concepts with emphasis on the common practice period. The course serves to satisfy deficiencies in music theory and does not count toward the graduate degree requirements.

MVB 1211 Applied Trumpet (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1212 Applied French Horn (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1213 Applied Trombone (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1214 Applied Euphonium (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1215 Applied Tuba (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 1311 Trumpet Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1312 French Horn Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1313 Trombone Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1314 Euphonium Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1315 Tuba Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1411 Trumpet Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1412 French Horn Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1413 Trombone Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1414 Euphonium Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 1415 Tuba Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2321 Trumpet Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2322 French Horn Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2323 Trombone Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2324 Euphonium Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis.
MVB 2325 Tuba Principal (2) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 2425 Tuba Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 2333 Trumpet Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 2433 Trombone Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 2432 French Horn Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 2433 French Horn Principal (2) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 4345 Trombone Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4344 Euphonium Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVB 4343 Euphonium Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 4344 French Horn Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVB 2324 Euphonium Principal (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVJ 1210 Applied Jazz Piano (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training. Private and class instruction.

MVJ 1213 Applied Jazz Guitar (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training. Private and class instruction.

MVJ 1214 Applied Jazz Bass (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training. Private and class instruction.

MVJ 1219 Jazz Percussion (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training. Private and class instruction.
MVJ 5951 Applied Jazz Performance (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVK 1111 Keyboard Skills I (2) VP MUS
PR: DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 1211 Applied Piano (1) VP MUS
PR: DPR. Course is open by audition only. One-half hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVK 1311 Piano Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 1411 Piano Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 1811 Beginning Piano I (2) VP MUS
Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 1821 Beginning Piano II (2) VP MUS
PR: DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2111 Keyboard Skills III (2) VP MUS
PR: MVK 1121 or DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2121 Keyboard Skills IV (2) VP MUS
PR: MVK 2111 or DPR. Class is elementary piano and music fundamentals designed for students with limited keyboard experience. Primary emphasis is placed on sight-reading, accompanying, transposition, harmonization, basic technique, and appropriate literature.

MVK 2321 Piano Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 2421 Piano Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 3331 Piano Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 3431 Piano Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 4341 Piano Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVK 4441 Piano Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVK 4640 Piano Pedagogy I (4) VP MUS
PR: DPR. May be elected by undergraduate music majors; emphasis on the business management of the music studio, and the musical responsibilities of the studio teacher, the techniques of private instruction.

MVK 4641 Piano Pedagogy II (4) VP MUS
PR: MVK 4640. DPR. May be elected by undergraduate music majors; emphasis on the business management of the music studio, and the musical responsibilities of the studio teacher, the techniques of private instruction.

MVP 5221 Applied Piano (3) VP MUS
PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVP 1211 Applied Percussion (1) VP MUS
PR: DPR. Course is open by audition only. One-half hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVP 1311 Percussion Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 1411 Percussion Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 2421 Percussion Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 3331 Percussion Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 3431 Percussion Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 4341 Percussion Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVP 4441 Percussion Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVP 5251 Applied Percussion, Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required registration in major performance ensemble. Private and class instruction.
MVS 1214 Applied Double Bass (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private
lesson or one hour class per week for music students wishing to
gain proficiency in an area other than their applied performance
major and for a limited number of nonmusic majors who have had
prior musical training.

MVS 1311 Violin Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 1312 Viola Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 1313 Violoncello Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 1411 Violin Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited
number of non-music majors by audition only. Applied music
courses are NOT available on S/U basis. Private and class
instruction.

MVS 1412 Viola Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited
number of non-music majors by audition only. Applied music
courses are NOT available on S/U basis. Private and class
instruction.

MVS 1413 Cello Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited
number of non-music majors by audition only. Applied music
courses are NOT available on S/U basis. Private and class
instruction.

MVS 2321 Violin Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 2322 Viola Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 2323 Violoncello Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 2324 Double Bass Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 2421 Violin Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined
by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 2422 Viola Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined
by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 2423 Cello Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined
by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 2424 Double Bass Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined
by faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 3311 Violin Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3312 Viola Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3313 Violoncello Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3324 Double Bass Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3331 Violin Major (3) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3332 Viola Major (3) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 3333 Cello Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by
faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 3431 Violin Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by
faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 3432 Cello Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by
faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 4331 Violin Major (3) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 4431 Violoncello Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 4441 Violin Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by
faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 4442 Viola Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by
faculty jury examination. Required of all applied music majors.
Private and class instruction.

MVS 4443 Violoncello Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 4444 Double Bass Principal (2) VP MUS
PR: DPR. Required of all music education and composition
majors. Open to a limited number of non-music majors by audition
only. Applied music courses are NOT available on S/U basis.
Private and class instruction.

MVS 5251 Applied Violin (2) VP MUS
PR: DPR. Open to senior and advanced undergraduate students
who have completed recital requirements, special non-degree
seeking students, and students who have a secondary applied
music requirement. Private and class instruction.

MVS 5252 Applied Viola (2) VP MUS
PR: DPR. Open to senior and advanced undergraduate students
who have completed recital requirements, special non-degree
seeking students, and students who have a secondary applied
music requirement. Private and class instruction.
MVS 5253 Applied Cello (2) VP MUS
PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVS 5254 Applied Double Bass (2) VP MUS
PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVV 1211 Applied Voice (1) VP MUS
One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVV 1311 Voice Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 1411 Voice Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 2321 Voice Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 2421 Voice Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVV 3331 Voice Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVV 3431 Voice Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 1211 Applied Flute (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1212 Applied Oboe (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1213 Applied Clarinet (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

MVW 1312 Oboe Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1313 Clarinet Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1314 Bassoon Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1315 Saxophone Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1411 Flute Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1412 Oboe Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1413 Clarinet Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1414 Bassoon Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1415 Saxophone Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2321 Flute Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2322 Oboe Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2323 Clarinet Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2324 Bassoon Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2325 Saxophone Principal (2) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 2421 Flute Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors.
Private and class instruction.

**MVW 2422 Oboe Major (3) VP MUS**

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

**MVW 2422 Clarinet Major (3) VP MUS**

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 2422 Bassoon Major (3) VP MUS**

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 2422 Saxophone Major (3) VP MUS**

PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 4345 Saxophone Principal (2) VP MUS**

PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

**MVW 4441 Flute Major (3) VP MUS**

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 4442 Oboe Major (3) VP MUS**

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 4443 Clarinet Major (3) VP MUS**

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 4444 Bassoon Major (3) VP MUS**

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 4445 Saxophone Major (3) VP MUS**

PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

**MVW 5251 Applied Flute (2) VP MUS**

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

**MVW 5253 Applied Clarinet (2) VP MUS**

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

**MVW 5254 Applied Bassoon (2) VP MUS**

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

**MVW 5255 Applied Saxophone (2) VP MUS**

PR: DPR. Open to senior and advanced undergraduate students who have completed recital requirements, special non-degree seeking students, and students who have a secondary applied music requirement. Private and class instruction.

**NGR 5871 Informatics in Nursing and Healthcare (3) NU NUR**

PR: CI. Foundations course with emphasis on core concepts and applications in healthcare informatics and clinical systems. Provides understanding of the interdisciplinary issues in medical and nursing informatics and a foundation for those seeking expertise in healthcare informatics. Focus on technologies in healthcare, nomenclature systems, image processing, and web-based technologies for healthcare.

**NSC 1110 Introduction to Naval Science (3) US NVY**

Emphasis on the mission, organization, regulations and components of the Navy and Marine Corps.

**NSC 1110L Naval Science Laboratory (0) US NVY**

A weekly two-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

**NSC 1140 Seapower and Maritime Affairs (3) US NVY**

This course deals with the importance of seapower in historical events, including emphasis on worldwide political-military confrontations following the cold war.

**NSC 2212C Navigation and Naval Operations I: Navigation (3) US NVY**

Principles and celestial navigation theory, principles, and procedures. Tides, currents, weather, use of navigation instruments and equipment, and practice. Laboratory required.

**NSC 2212 Evolution of Warfare (3) US NVY**

A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and
NUR 3145 Pharmacology in Nursing Practice (3) NU NUR
Theory and principles of management, focusing on the officer-manager as an organizational decision maker. Includes interpersonal skills, behavior factors, group dynamics.
PR: Permission of Professor of Naval Science. Intensive individualized study in particular aspects of Naval Science that are not covered in regular course offerings. Enrollment is recommended for NRTOC students who are anticipating attending the Naval Science Institute in Newport, RI, during sophomore/junior summer.
Course content and title may vary from term to term.

NUR 3123 Naval Ships Systems II (3) US NVY
PR: NSC 2213. International and inland rules of the road; relative motion-vector analysis, ship handling, employment, and tactics, afloat communications; and operations analysis. Laboratory required.

NUR 4355 Child and Adolescent Health Nursing (3) NU NUR
PR: Admission to the nursing major or CI. Focus on developing critical thinking applying nursing process using critical thinking to enable the student to perform evaluations of health status throughout the lifespan.

NUR 3525 Psychiatric/Mental Health Nursing (3) NU NUR
PR: Admission to the nursing major or CI. Focuses on theories of aging and human development; assessment of functional health patterns; and planning health promotion and disease prevention activities with older adults. Critical thinking is used to analyze the effects of interventions on individuals and groups.

NUR 3064 Physical Examination and Assessment (2) NU NUR
PR: Admission to nursing major or CI. Focuses on the techniques of physical assessment and examination of infants, children and adults. Emphasizes assessment phase of nursing process using critical thinking to give culturally congruent nursing care to people from diverse cultural groups.

NUR 3076 Fundamentals of Communication and Psycho-social Nursing (2) NU NUR
PR: Admission to the nursing major or CI. Focus on basic communication, interviewing, and psychosocial assessment skills essential for professional nursing practice. Emphasis on developing nurse relationships with individuals across the lifespan within the context of the family.

NUR 3114L Nursing Fundamentals Clinical (3) NU NUR
PR: Admission to the nursing major or CI; CR: NUR 3114L. Fundamentals and foundations of nursing practice. Focus on developing critical thinking in applying concepts health to meet the basic needs of the individual across the life span.

NUR 3125 Pathophysiology for Nursing Practice (3) NU NUR
PR: Admission to the nursing major or CI. Focus on the basic concepts of pathophysiology across the lifespan for professional nursing practice.

NUR 3145 Pharmacology in Nursing Practice (3) NU NUR
PR: Admission to the nursing major or CI. Focuses on the basic and clinical concepts of pharmacology in nursing practice. Examines pharmacotherapeutics; pharmacodynamics; pharmacokinetics; adverse reactions and contraindications; therapeutic indications and nursing implications.

NUR 3215 Medical Surgical Nursing I (3) NU NUR
PR: NUR 3064, NUR 3125, NUR 3114, NUR 3114L. Focuses on the nursing assessment, prevention, and management of selected health care problems in adults of all ages. Critical thinking is used to analyze the effects of changes in health status and impact of nursing intervention for patients with alteration in Fluid and Electrolyte Balance, Hematologic System, Cardiovascular System, Pulmonary System, Renal System, Endocrine, Cancer, Multisystem Dysfunction.

NUR 3215L Medical Surgical Nursing Clinical I (3) NU NUR
PR: NUR 3064, NUR 3125, NUR 3114, NUR 3114L. Clinical intervention for patients with selected health problems. Emphasizes clinical judgment in implementing therapeutic nursing interventions for patients with selected health problems related to specific abnormalities in functional health patterns and planning health promotion and disease prevention activities with older adults.

NUR 3284C Gerontological Nursing (2) NU NUR
PR: NUR 3113, NUR 3114, NUR 3114L, NUR 3064. Nursing Majors. Focuses on theories of aging and human development; assessment of functional health patterns; and planning health promotion and disease prevention activities with older adults. Critical thinking is used to analyze the effects of interventions on individuals and groups.

NUR 3525 Psychiatric/Mental Health Nursing (3) NU NUR
PR: NUR 3076, NUR 3064, NUR 3125, NUR 3114 and NUR 3114L. CR: NUR 3525L. Focuses on clinical intervention using critical thinking and communication skills with patients who require complex psychiatric rehabilitative care. Opportunities are offered to apply knowledge of psychopathology and psychopharmacologic therapies across the lifespan.

NUR 3805 Education Transitions for Registered Nurses (3) NU NUR
PR: Admission to the nursing major. Transition to professional nursing for the registered nurse, its theoretical perspective and empirical bases and essential skills for success in nursing education. Focus on developing a variety of learning strategies and approaches needed for NROTC students who are anticipating attending the Naval Science Institute in Newport, RI, during sophomore/junior summer.

NUR 3829 Ethical Legal Aspects in Nursing and Health Care MW (3) NU NUR
PR: CI. Nursing Majors. Emphasis on contemporary bioethical and legal issues confronting health care providers in a variety of settings. Focuses on identification of legal and ethical principles underlying the decision-making process in nursing and health care.

NUR 4165 Nursing Inquiry (3) NU NUR
PR: Admission to the nursing major or CI. An introductory course in philosophy and an introduction to the process of critical thinking. Emphasis on identification of researchable questions and evaluation of research that is applicable to nursing practice. Focus on evidence-based practice for nursing.

NUR 4194 An Interdisciplinary Perspective in HIV Disease 6A MW LW (3) NU NUR
Provides an interdisciplinary perspective on HIV disease. Topics include the etiology, spectrum, and treatments of HIV disease; international perspectives; issues of race, gender, and ethnicity; values, ethics, and their influence on responses to HIV; and how the media has shaped the epidemic.

NUR 4216 Medical Surgical Nursing II (4) NU NUR
PR: NUR 3215, NUR 3125L, NUR 3143, CR: NUR 4216L. Focus on the nursing assessment, prevention, and management of multiple health care problems. Critical thinking is used to analyze the effects of changes in health status and the impact of nursing interventions for patients with alterations in Visual and Auditory systems, Neurological systems, Musculoskeletal systems, Gastrointestinal systems, and Reproductive systems.

NUR 4216L Medical Surgical Nursing Clinical II (5) NU NUR

NUR 4355 Child and Adolescent Health Nursing (3) NU NUR
PR: NUR 4216, NUR 4216L. CR: NUR 4653L, NUR 4636, NUR 4455. Nursing care of children and adolescents in the context of the family. Focus on health promotion, risk factor identification, disease
prevention, and health restoration in children and adolescents.

NUR 4416 Women's Health Nursing (2) NU NUR
PR: NUR 4216, NUR 4216L. CR: NUR 4635L, NUR 4636, NUR 4355. Focus on health promotion, identification of risk factors, illness care, and health restoration related to the physiological and psychological changes occurring during a woman's life cycle including pregnancy.

NUR 4635L Integrated Nursing Clinical: Community/Public Health, Children and Adolescent Health, and Women's Health (7) NU NUR
PR: NUR 4216, NUR 4216L. CR: NUR 4455, NUR 4636, NUR 4355. Provides clinical learning experiences in diverse community and hospital settings. Focuses on nursing care designed to prevent and/or reduce risk of disease and injury, promote health and wellness, and treat illness and injury in children, adolescents, adults and families, and diverse community populations across the age spectrum.

NUR 4658 Community/Public Health: Population-Focused Nursing (3) NU NUR
PR: NUR 4216, NUR 4216L or Cl. In-depth examination of community health nursing, public health, epidemiology, culture, and environment essential to preventing illness and injury and promoting and preserving health among diverse populations at risk.

NUR 4636L Community/Public Health Nursing Clinical for the RN (3) NU NUR
CR: NUR 4636 or Cl. Provides clinical learning experiences in community-based sites in both urban and rural settings. Focus on nursing care designed to prevent and/or reduce risk of disease and injury and promote health and wellness to diverse populations across the age spectrum.

NUR 4643 Nursing Interventions into the Acute Effects of Drug and Alcohol Abuse (2) NU NUR
Focuses on the assessment and treatment of individuals and families who are in the acute phases of addiction. Emphasis will be placed on treatment outcomes for designated populations with consideration for cultural, socioeconomic, political and ethical/legal factors.

NUR 4644 Nursing Interventions into the Rehabilitation of Clients who Abuse Substance (2) NU NUR
Focuses on models of treatment and interventions for clients and families who are in the rehabilitation and relapse prevention phases of treatment for addictions. Emphasis will be placed on rehabilitation outcomes for designated populations with consideration for criminal socioeconomic, political and legal/ethical factors.

NUR 4645 Substance Abuse Across the Lifespan 6A MW LW (3) NU NUR
Introduction to concepts of substance abuse and theories of addiction. The applicability of theories and concepts to clinical assessment, diagnosis and intervention with client populations across the lifespan is explored.

NUR 4692 Occupational Health Nursing (2) NU NUR
Focuses on the historical, legal, cultural, scientific, and professional foundations of occupational and environmental health nursing; the occupational health nurse role in the delivery of health services to workers and worker aggregated business, social, economic, and legal forces influencing that role; standards and characteristics of practice; and settings for occupational health nursing practice.

NUR 4756C Rehabilitation Across the Life Span (2) NU NUR
PR: Nursing Majors or CI. Basic concepts of rehabilitation related to human responses. Analysis of the changes in health status and nursing implications.

NUR 4766 Critical Care (2) NU NUR
PR: Nursing Majors or CI. Basic concepts of critical care nursing, focusing on selected health problems to analyze the affects of changes in health status.

NUR 4838 Leadership and Management in Professional Nursing Practice (3) NU NUR
PR: NUR 4455, NUR 4355, NUR 4636, NUR 4636L or Cl. Principles of nursing leadership and management with an emphasis on decision-making, priority setting, delegating, and managing nursing care. Focus on preparation of the professional nurse to work collaboratively in the interdisciplinary health care environment. Clinical experience for registered nurse students will be designed to build upon a practice background.

NUR 4905E Role of the Nurse in Healthcare (3) NU NUR
This course provides the learner with an opportunity to gain knowledge and skills to facilitate the teaching role of the nurse.

NUR 4905C Independent Study (1-5) NU NUR
PR: Permission of faculty. Open to majors and non-majors. Individual or group investigation of problems relevant to the health of individuals or groups. Project requirements individually planned with faculty preceptor.

NUR 4935 Selected Topics In Nursing (2-8) NU NUR
PR: Junior or senior standing or permission of faculty. Content will depend upon student demand and faculty interest and may focus on any area relevant to nursing practice. May involve class, seminar, and/or clinical laboratory.

NUR 4948L Preceptorship (5) NU NUR
PR: NUR 4216, NUR 4216L, NUR 4355, NUR 4455, NUR 4636, NUR 4636L. Individualized contract: 150 hours of clinical practice collaboratively planned by students, faculty, and agency personnel. Opportunity to synthesize theory and clinical practice for professional nursing.

OCE 2001 Introduction to Oceanography NS (3) MS MSC
Overview of biological, chemical, geological, and physical oceanography. Also listed under Geology.

OCE 4930 Selected Topics in Marine Science (1-4) MS MSC
Selected topics in the marine sciences including marine biology, marine chemistry, marine geology and geophysics, physical oceanography, and interdisciplinary topics relating to marine environments.

ORI 2000 Introduction to Communication As Performance (3) AS SPE
Designed to develop proficiencies in the understanding and oral communication of literary and other written materials.

ORI 3950 Communication As Performance Laboratory (1-3) AS SPE
PR: ORI 2000 or Cl. The study, rehearsal, and performance of literature for Readers Theatre and Chamber Theatre productions.

ORI 4130 Performance of Literature (3) AS SPE
PR: ORI 2000 or Cl. Critical appreciation of lyric and narrative poetry and communication of that appreciation to audience. Study of poetic theory and prosodic techniques.

ORI 4310 Group Performance of Literature (3) AS SPE
PR: ORI 2000 or Cl. Designed to introduce the student to and give experience in various forms of group approaches to performance.

ORI 4931 Performance and Video (3) AS SPE
PR: ORI 2000. CR: ORI 3950. This course features adaptation, direction, and performance of literature for video productions.

ORI 5930 Topics in Performance Genres (3) AS SPE
Variable topics course.

PAD 3003 Introduction to Public Administration SS (3) AS PAD
Examination of organizational behavior and change, policy process, public management, financial administration, and personnel management from the perspective of public and social delivery.

PAD 4144 Nonprofit Organizations and Public Policy MW (3) AS PAD
Role and importance of third sector (voluntary) organizations in American society; focus on public policy through service in a voluntary organization.

PAD 4204 Public Financial Administration (3) AS PAD
Analysis of policies in the growth and development of public budgetary theory and Federal budgetary innovations.

PAD 4419 Personnel & Supervision in Today’s Organizations (3) AS PAD
Introduces students to concepts, principles and practices of personnel management and supervision that influence the attainment of desired performance goals in today’s public and nonprofit organizations. Course participants will explore issues that influence the successful management of human resources in dynamic employment settings.

PAD 4712 Managing Information Resources in the Public Sector (3) AS PAD
Introduces students to the fundamental concepts, theories, principles and practices in public information management. Internet access is required.

PAD 4930 Selected Topics in Public Administration and Public Policy (3) AS PAD
Selected issues and topics in Public Administration and Public Policy with course content based on student demand and instructor’s interest. May be repeated for up to 6 credits as topics vary.

PAD 5035 Issues in Public Administration and Public Policy (3) AS PAD
Sr. & GS only. Selected issues and topics in Public Administration and Public Policy.

PAD 5044 Environment of Public Administration (3) AS PAD
Examination of the legal, political, and ethical environment in which public managers work.

PAD 5333 Concepts and Issues in Public Planning (3) AS PAD
PR: URPI 4050 or URPI 6050, GS or Sr. Analysis of basic concepts,
PAD 5605 Administrative Law and Regulation (3) AS PAD
An examination of the constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. An examination of the Constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. Attention is also directed to regulatory commissions, their function, powers, management and relationship with other branches of government.

PAD 5700 Research Methods in Public Administration (3) AS PAD
This course provides the student with the fundamental skills and knowledge of how research is designed, implemented, analyzed, and utilized in public sector agencies. Available to majors and non-majors.

PAD 5807 Urban and Local Government Administration (3) AS PAD GS or Sr. Analysis of the role of the administrator at the municipal level, the division of functions, policy formation, alternative governmental structures, effects on the administrative process.

PAD 5836 Comparative Public Administration (3) AS PAD GS or Sr. How organizations and managers perform within a particular environment, potential impact of innovation, and how service is accomplished in a variety of socio-economic environments.

PCB 1511 Molecular and Human Genetics (3) US DEA
PR: Acceptance in USF-Hillsborough County Biomedical and Life Science Program. Molecular genetics with applications to biotechnological science; genetic engineering; chromosomes, their molecular architecture, abnormalities, and other topics. Laboratory included.

PCB 1910 Topics in Biomedical Science (3) US DEA
PR: Acceptance in USF-Hillsborough County Biomedical and Life Science Program. Designed to initiate high school students to the fundamentals of scientific research. Students are given lectures and perform laboratory exercises in pathogenic microbiology, immunology, marine biology, and plant biochemistry. Most of their time is spent working on individual research projects.

PCB 3023 Cell Biology (3) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2045, CHM 2045L, CHM 2046, CHM 2046L. A discussion of the concept and significance of the cell to biology; biological molecules and metabolic processes within the cell; cellular energy conversion systems; and control of cellular metabolism. Lec.

PCB 3023L Cell Biology Laboratory (1) AS BIO
CP: PCB 3023. Laboratory portion of Cell Biology. Metabolic processes within the cell.

PCB 3044 Principles of Ecology (3) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, CHM 2045, CHM 2045L, CHM 2046, CHM 2046L. An introduction to the basic principles and concepts of ecology at the ecosystem, community, and population level of organization. Lec.

PCB 3044L Principles of Ecology Laboratory (1) AS BIO

PCB 3063 General Genetics (3) AS BIO

PCB 3063L General Genetics Laboratory (1) AS BIO
CP: PCB 3063. Laboratory investigation techniques in general genetics including Mendelian and non-Mendelian relationships, and gene interactions.

PCB 4674 Organic Evolution (3) AS BIO
PR: PCB 3063. An introduction to modern evolutionary theory. Lecture on population genetics, adaptations, speciation theory, phylogeny, human evolution and related areas. Lec.-dis.

PCB 4723 Animal Physiology (3) AS BIO
PR: PCB 3023, PCB 3043, PCB 3063 or ZOO 3323 and CHM 2211. Advanced presentation of mechanisms employed by animals to interact with their environment and to maintain their organization. Lec.

PCB 4723L Animal Physiology Laboratory (1) AS BIO
CR: PCB 4723. Laboratory portion of Animal Physiology.

PCB 5235 Principles of Immunology (3) AS BIO
PR: PCB 3023 or MCB 3020C. Course will emphasize the biological principles involved in the vertebrate immune response. It will present the homeostatic, defense, and detrimental aspects of the immune system in terms of basic cellular and molecular mechanisms. Techniques will be described to familiarize the student with the types of immunological tools available to the cellular and molecular biologist.

PCB 5256 Developmental Biology (5) AS BIO
PR: PCB 5023 or PCB 5002. Topics in modern developmental biology to be covered in lecture and through readings so as to gain a working knowledge and understanding of the cellular and molecular mechanisms of cell differentiation in both plants and animals.

PCB 5353 Limnology (3) AS BIO
PR: PCB 3043, CHM 2046, PHY 2053. An introduction to the physical, chemical, and biological nature of fresh-water environments. Lec.

PCB 5396L Limnology Laboratory (1) AS BIO
PR: CI. CP: PCB 5306. Laboratory portion of Limnology. Laboratory and field experience in the area of aquatic ecology.

PCB 5415 Behavioral Ecology (3) AS BIO
PR: PCB 3043 or PCB 4674. An emphasis on the evolutionary mechanisms that influence an organism’s behavioral responses to environmental events. The theoretical framework is presented and analyzed.

PCB 5525 Molecular Genetics (3) AS BIO
PR: PCB 3063, CI. Detailed examination of DNA, RNA and protein synthesis; the effects of mutations on proteins, cellular control; selected aspects of viral, bacterial, and fungal genetics.

PCB 5835 Neurophysiology (3) AS BIO
PR: CI. A comparative analysis of the psychochemical basis and evolution of nervous systems and sensory mechanisms.

PCB 5845C Principles of Neuroscience (4) AS BIO
PR: PCB 4723. An emphasis on the mammalian brain’s structure and function, with an emphasis on the neuroanatomy, neuropharmacology, and neurophysiology of the human brain. Topics include brain imaging, dementia, and mechanisms of learning/memory. Brain research techniques are also discussed, as are basic neuropathological processes that result in abnormal brain function.

PEL 1121 Golf I (2) ED EDJ
S/U only. Introductory experience in the sport of golf. Fundamental skills, information, strategy, and participation.

PEL 1341 Tennis I (2) ED EDJ
S/U only. Introductory experiences in the sport of tennis. Basic skills, playing strategies, lecture, demonstration, and participation.

PEL 2122 Golf II (2) ED EDJ
S/U only. Continuation of PEL 1121. Emphasis on course play and refinement of strokes.

PEL 2342 Tennis II (2) ED EDJ
S/U only. Continuation of PEL 1341. Refinement of basic skills, supplementary strokes, greater emphasis on tactics and playing strategies.

PEL 2441 Racquetball (2) ED EDJ
S/U only. Development and refinement of the skills and strategies of racquetball with opportunity for competition and tournament play.

PEM 2131 Weight Training (2) ED DJ
S/U only. Knowledge and techniques necessary for increasing muscle function. Assessment of status and development of a personal program.

PEM 2441 Karate (2) ED DJ
S/U only. Introductory experiences in the sport of Karate. Fundamental skills, strategy, information, and participation.

PEM 2930 Selected Topics (1-2) ED EDJ
S/U only. DPR. Activities offered are selected to reflect student need and faculty interest.

PEN 1121 Swimming I (2) ED EDJ
S/U only. Development and refinement of the essential skills and information necessary for enjoying swimming. Emphasis on personal safety.

PEN 2113 Lifeguard Training (2) ED DJ
PR: PEN 2112 or equivalent, S/U only. Knowledge and skills necessary for saving the lives of others in the event of aquatic emergency. ARC certification offered.

PEN 2136 Skin & Scuba Diving (2) ED DJ
PR: PEN 2172 or equivalent, S/U only. Development of the essential skills and knowledge necessary for enjoying the sport of Skin & Scuba Diving. Correct utilization and care of equipment; emphasis on personal safety.

PEP 2945 Practicum in Health Promotion/Wellness (4) ED EDJ
PR: Completion of Semesters I and II and admission to the College of Education. S/U only. Practical experience as a professional in a community or worksite health promotion or wellness program.

PEP 3951 Communication Skills For Wellness Leaders (3) ED EDJ
Wellness majors only. Designed to develop knowledge and skills in communication and counseling that is specific to wellness and health promotion.

PEQ 3170 Aquatic Exercise (2) ED EDP
An instructor training course in aquatic exercise. Focuses on teaching aerobics, strength, flexibility, and weight control exercises performed in swimming pools. Open to non-majors.

PET 2622C Care and Prevention of Physical Injuries (3) ED EDP
DPR. Principles and techniques of conditioning athletes for competition; prevention and care of injuries in physical education and athletic activities. Open to non-majors.

PET 3031 Motor Development and Assessment (3) ED EDP
Study of the assessment, evaluation and motor development performance of children and adolescents and application of principles of motor skills acquisition in physical education instruction. Open to non-majors.

PET 3800 Survey of Wellness Program (3) ED EDP
Wellness majors only. An analysis of various types of wellness programs in the public and private sector including community-based programs, commercial health and fitness enterprises, government-based programs, corporate-based programs, and hospital health and fitness centers.

PET 3252 Issues in Sport MW (3) ED EDP
PR: Junior, Senior standing. A study of organized sport as a pervasive part of contemporary society. By increasing understanding of some of the issues and aspects based in the structure of sport and society, individuals will be able to understand and improve sport experiences for themselves and others.

PET 3310 Kinesiology (3) ED EDP
A study of the structure and function of the skeletal and muscular systems and of mechanical principles related to psycho-motor performance. Open to non-majors.

PET 3351 Exercise Physiology I (3) ED EDP
A study of the effects of physical activity on the body. Topics include acute and chronic adaptation of the cardiovascular, muscular, metabolic, hormonal, and energy systems to exercise.

PET 3421 Curriculum and Instruction in Physical Education (3) ED EDP
Physical Education majors only. Development of knowledge and skills related to the instruction process of physical education. Preparation of materials and planning instruction.

PET 3422 Instructional Design and Content: Movement Experiences (3) ED EDP
PR: CC. Physical Education majors only. This course develops a variety of motor skills and includes the study of systems for analyzing movement. It prepares students to plan and conduct movement experiences in a wide variety of educational settings.

PET 3441 Instructional Design and Content: Middle School Physical Education (3) ED EDP
Physical Education majors only. The development of physical education concepts and instructional practices for middle school students. The focus is upon matching appropriate content and learning experiences to the unique needs of the pre- and early adolescent learner.

PET 3617C Orthopaedic Physical Assessment II (Upper Extremity) (3) ED EDP
Athletic Training majors only. The study and practice of techniques used when assessing athletic injuries to the upper extremity, head and spine.

PET 3618C Orthopaedic Physical Assessment II (Lower Extremity) (3) ED EDP
Athletic Training majors only. The study and practice of techniques used when assessing athletic injuries to the lower extremity, hip, pelvis and gait.

PET 3621C Prevention of Athletic Injuries (3) ED EDP
Athletic Training majors only. Advanced principles in the selection, fabrication and application of protective equipment, tape, splints, casts, braces and other orthotic devices commonly used in athletic training and sports medicine settings. Theory and practice in risk management and injuries related to environmental factors.

PET 3624C Emergency Management of Athletic Trauma & Illness (3) ED EDP
Athletic Training majors only. Theory and practice of basic emergency management techniques dealing with trauma resulting from injuries suffered by athletic training majors.

PET 3630C Techniques in Therapeutic Exercise (3) ED EDP
Athletic Training majors only. Theory and practical applications of therapeutic exercise and movement science. Includes techniques in Feldenkrais movement patterns, aquatic exercise, lifting protocols, plyometric training, isokinetic testing, stability ball training, and a variety of common exercise equipment.

PET 3660 Athletic Adaptation Physical Education (3) ED EDP
Physical Education majors only. A study of characteristics, programming needs and teaching of physical education for students with disabilities.

PET 3711 Athletic Training Administration and Policy (3) ED EDP
Athletic Training majors only. Analysis and application of organizational skills and administrative structure of the athletic training profession, including current theory about budget management, medical record keeping, drug testing, facility design and maintenance, legal aspects of sports medicine, athletic physical examinations, medical ethics, current educational concepts, and administrative policy.

PET 3760L Clinical Instruction in Athletic Training I (3) ED EDP
Athletic Training majors only. Observation and performance of basic athletic training skills under the direct supervision of an NATABOC certified/state licensed athletic trainer. This course provides students with the opportunity to develop competence in a variety of introductory athletic training skills. Clinical experiences are obtained in the university’s sports medicine facilities and will be accompanied by a one-hour seminar each week.

PET 3931 Selected Topics (1-3) ED EDP
Topics offered are selected to reflect student need and faculty interest.

PET 3943 Physical Education Internship: Middle School (4) ED EDP
Physical Education majors only. A part-time internship in middle school physical education. Focus on the relationship of physical education to the needs of the pre- and early adolescent learner, the organization and purpose of the middle school, and application appropriate content and methodologies.

PET 4141 Trends and Tasks - Elementary Physical Education (3) ED EDP
Taken concurrently with PET 4942 Physical Education Internship: Elementary. Physical Education Majors only. Current trends are evaluated from a historical and philosophical perspective. Non-teaching tasks are identified as part of the professional role. Evaluate and continue personal-professional development plan developed in previous semesters.

PET 4144 Trends and Tasks - Secondary Physical Education (1) ED EDP
Taken concurrently with PET 4944 Physical Education Internship: Secondary. Physical Education Majors only. Current trends are evaluated from a historical and philosophical perspective. Non-teaching tasks are identified as part of the professional role. Evaluate and continue personal-professional development plan developed in previous semesters.

PET 4304 Principles and Issues in Coaching (3) ED EDP
Physical Education majors only. The application of principles from philosophy, psychology, sociology, and physiology to competitive athletics and coaching.

PET 4353 Exercise Physiology II (3) ED EDP
PR: PET 3351. A study of Exercise Physiology focusing on the adult. Includes specific populations such as the obese, heart patients, arthritis, elderly, and high performance athletes. Open to non-majors.

PET 4384 Health-Fitness Appraisal & Exercise Prescription (3) ED EDP
PR: PET 3351. Techniques in conducting health-fitness test and exercises. Includes cardiovascular, strength, flexibility, body composition, health risk testing, exercise prescribing, and monitoring. Open to non-majors.

PET 4401 Organization & Administration of Physical Education Programs (3) ED EDP
Physical Education majors only. A study of organizational and administrative procedures for physical education programs in elementary and secondary schools. Includes scheduling, budget, facilities, extra-curricular programs, and the selection and supervision of staff.

PET 4404 Organization & Administration of Wellness Programs (3) ED EDP
Wellness majors only. Design and implementation of various
types of wellness programs with emphasis on assessment and evaluation, management, staffing, program adherence, program design, budgeting, legal liability, and marketing.

PET 4432 Instructional Design and Content: Physical Education Elementary (3) ED EDP
Physical Education majors only. This is the second of a three-course sequence in which students study movement forms and instructional processes suitable for elementary age students.

PET 4433 Instructional Design and Content: Physical Education Elementary (3) ED EDP
Physical Education majors only. This course prepares students to select, plan, conduct complex movement experiences for students K-6.

PET 4442 Instructional Design and Content: Physical Education Secondary (3) ED EDP
Physical Education majors only. Development of knowledge and skills related to the teaching of selected movement activities such as team sports, gymnastics, and physical fitness. Focus is on understanding mechanical principles utilized within those activities as well as on instructional progression and the preparation of materials for instruction at the secondary school level.

PET 4443 Instructional Design and Content: Physical Education Secondary II (3) ED EDP
Physical Education majors only. In this course, students are prepared to plan, conduct, and evaluate complex movement experiences in games, dance, gymnastics and physical fitness appropriate for students K-6.

PET 4627 Management of Athletic Injuries (3) ED EDP
Athletic Training majors only. Advanced theory of pathology in injury, management of experimental and healing environment of acute and chronic disease, internal illness and injury and other general medical conditions. Issues related to radiology and pharmacology are also discussed.

PET 4632C Therapeutic Modalities (3) ED EDP
Athletic Training majors only. This course provides an introduction to the theoretical and practical applications of modalities for the prevention, management and rehabilitation of physically active individuals. Concepts pertaining to the use of pharmacology, thermotherapy, cryotherapy, electrical stimulation, hydrotherapy, fluidotherapy, ultrasound, biofeedback and manual techniques will be emphasized.

PET 4633C Therapeutic Rehabilitation (3) ED EDP
Athletic Training majors only. Theories and applications methods of comprehensive therapeutic treatment and rehabilitation programs for injuries commonly sustained by the physically active.

PET 4672L Clinical Practice in Athletic Training (3) ED EDP
Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of a NATABOC certified/ state licensed athletic trainer accompanied by a one-hour seminar each week. This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Students may be assigned to a USF athletic training team and/or one or more off-campus clinical affiliations. Students at this level will develop instruction skills by acting as peer-supervisors for level I and II students.

PET 4673L Clinical Practice in Athletic Training II (3) ED EDP
Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of a NATABOC certified/ state licensed athletic trainer accompanied by a one-hour seminar each week. This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Students may be assigned to a USF athletic training team and/or one or more off-campus clinical affiliations. Students at this level will develop instruction skills by acting as peer-supervisors for level I, II and III students.

PET 4905 Independent Study: Professional Physical Education (1-4) ED EDP
PR: DPR. S/U only. Specialized independent study determined by the student's needs and interests.

PET 4933 Seminar in Sports Medicine (2) ED EDP
Athletic Training majors only. The advanced study and discussion of specialized topics and contemporary issues related to the field of athletic training. Emphasis on the roles and responsibilities of medical and allied health professionals comprising the sports medicine team.

PET 4935 Case Studies in Athletic Health Care (3) ED EDP
Athletic Training majors only. Case studies course intended to provide a unified opportunity to utilize concepts, principles and skills learned from other athletic training courses.

PET 4942 Physical Education Pre-Internship: Elementary (4) ED EDP
S/U only. Physical Education majors only. A part-time internship in elementary school physical education. Focus on the nature of the total elementary school curriculum, characteristics of students, and application of appropriate content and instructional competencies.

PET 4944 Physical Education Pre-Internship: Secondary (4) ED EDP
S/U only. Physical Education majors only. A part-time internship in high school level physical education with focus on the relationship of physical education to the needs of the early adolescent and the implementation of appropriate content and methodology.

PET 4946 Associate Teaching Physical Education: Elementary (12) ED EDP
S/U only. Physical Education majors only. A full-time internship in the elementary school in which the student undertakes the full range of teaching responsibilities in elementary physical education.

PET 4947 Associate Teaching Physical Education: Secondary (12) ED EDP
S/U only. Physical Education majors only. A full-day internship in middle, junior or senior high school physical education programs with focus on the implementation of appropriate content and methodology to meet the needs of secondary students.

PGY 2110C Color Photography (3) ART
Development of knowledge and skills of color photography for publication and presentation. Emphasis is on the use of transparency and negative color materials in their application to the media.

PGY 2401C Beginning Photography (3) VP ART
Introduction to the expressive possibilities of photographic media. Projects and assignments will introduce students to both traditional and digital methods of creating images with emphasis on the interdependence of form, technique, and concept. The course will also provide an overview of significant trends and directions in contemporary art photography.

PGY 3000 Photography in American Culture (3) AS AMS
A survey of photography as an art and a craft in America since the mid-nineteenth century. Attention devoted to technological innovations, leading personalities, major movements, and significant problems. Open to majors and non-majors.

PGY 3410C Intermediate Photography (3) VP ART
A mid level course expanding the student's visual and technical skills while establishing the beginning of a personal artistic direction. Repeatable up to 9 hours.

PGY 3610C Photojournalism I (3) AS COM

PGY 3620 Photojournalism II (3) AS COM
PR: PGY 3610C. Laboratory required. Advanced process and practice of photography for publication.

PGY 3801C Digital Media I (3) VP ART
Restricted to majors. This course builds upon the concepts introduced in Introduction to Multimedia Systems and focuses upon digital photographic creation and editing.

PGY 3930C Special Topics: Photography (3) VP ART
A mid-level course expanding the student’s visual and technical skills while establishing the beginning of a personal artistic direction by exposing the student to new ideas, technical skills and genres, including, but not limited to: color photography, digital photography, non-news and documentary photography. Repeatable up to 9 hours.

PGY 4420C Advanced Photography (3) VP ART
PR: PGY 3410C Continued problems in photography. May be repeated.

PGY 4802C Digital Media II (3) VP ART
Restricted to majors. This course builds upon the concepts introduced in Digital Media I and focuses upon digital photographic, video, web and digital video creation.

PGY 5425C Art Photography III (4) VP ART
PR: CI. Advanced work in photography and related media leading to development of personal/expressive statements.

PHH 2000 Introduction to Philosophy 6A HP (3) AS PHI
An introduction to selected philosophical problems and traditions.
PHI 3062 History of Philosophy: Ancient and Medieval (3) AS PHI
A survey of Western philosophy from the pre-Socrates to the end of the Middle Ages.

PHI 3420 History of Philosophy: Modern (3) AS PHI
A survey of Western philosophy from the end of the Middle Ages to the twentieth century.

PHI 4440 Continental Philosophy (3) AS PHI
A study of developments in post-Kantian European philosophy.

PHI 4600 Contemporary Philosophy 6A MW (3) AS PHI
Selected schools of twentieth-century thought such as idealism, positivism, pragmatism, realism, and existentialism.

PHI 4700 American Philosophy 6A MW (3) AS PHI
Major traditions in American thought, Puritanism, the Enlightenment, transcendentalism, pragmatism, and Analytic Philosophy in relation to American culture.

PHI 4820 Chinese Philosophy (3) AS PHI
A survey of Confucianism, Taoism and other aspects of Chinese thought. The course is available to both majors and non-majors and does not have laboratory sections associated with it.

PH 1103 Critical Thinking SS (3) AS PHI
A survey of critical thinking, focusing both on the methods of thinking that lead to reliable conclusions, with emphasis on the application of these methods in ordinary thinking and the sciences.

PHI 1401 Science and Society 6A NS SS (3) AS PHI
This course teaches students to become better "Scientific Citizens," i.e. to be able to better understand and participate in the process by which we come to conclusions about the natural and social world that matter to us as a society.

PHI 1600 Introduction to Ethics HP SS (3) AS PHI
Study of ethical theories, concepts, problems and methods.

PHI 2101 Introduction to Formal Logic SS (3) AS PHI
An elementary study of propositional, predicate, class and syllogistic logic with some attention to basic problems of logical theory.

PHI 2631 Ethics and Business SS (3) AS PHI
An application of traditional ethical theories to contemporary problems in business.

PHI 3404 Scientific Method (3) AS PHI
Probability, inductive inference, the hypothetico-deductive method, causality, science, and selected topics in the philosophy of science.

PHI 3630 Contemporary Moral Issues SS (3) AS PHI
Open to all students. A study of contemporary moral issues concerning race, sex, sexism, abortion, poverty, crime, war, suicide, and human rights in general.

PHI 3633 Biomedical Ethics (3) AS PHI
This course will focus on the ethical issues arising from advances in medical practice, delivery of health care, and scientific research.

PHI 3636 Professional Ethics (3) AS PHI
An examination of the ethical problems that professionals will face in the complex, global society of the next few decades: confidentiality, divided loyalty, race, sex, etc.

PHI 3640 Environmental Ethics SS (3) AS PHI
A study of alternative theories of environmental ethics, including the application of these theories to contemporary environmental problems, such as pollution, resource depletion, species extinction, and land use.

PHI 3700 Philosophy of Religion 6A SS (3) AS PHI
Analysis of religious experience and activity and examination of principal religious ideas in light of modern philosophy.

PHI 3905 Directed Study (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 3930 Selected Topics (1-4) AS PHI
PR: CI. Approval slip from instructor required. Selected topics according to the needs of the student.

PHI 4073 African Philosophy (3) AS PHI
A descriptive and analytical study of African philosophical thought, featuring reflective comparisons of African and Western categories of thought.

PHI 4300 Theory of Knowledge 6A MW (3) AS PHI
An examination of human knowledge: its scope and limits, and an evaluation of evidence, criteria of truth, the nature of belief, conditions for meaningfulness, theories of perception, and a study of memory and sense perception in the four major fields of nature, history, personal experience, and the a priori.

PHI 4500 Philosophy of Mind 6A MW (3) AS PHI
A study of historical and current issues in philosophy of mind, including the nature and status of mind, mind/body dualism, the relationship of mind and body, the problems of other minds, the physical basis for intelligence.

PHI 4632 Feminist Ethics MW (3) AS PHI
A study of the varied approaches to moral reasoning taken by feminist ethical writers such as Wollstonecraft, Mill, Gilligan, Daly, and others.

PHI 4670 Contemporary Ethical Theory (3) AS PHI
A survey of contemporary ethical theory, focusing both on the literature about the status of ethical theorizing—moral scepticism, moral nihilism, normativism—and on specific theories of deontological theories, consequentialist theories, rights-based theories, virtue theories.

PHI 4800 Aesthetics 6A MW (3) AS PHI
A study of traditional and contemporary aesthetic theories with emphasis on creative process, the nature of the art work, the aesthetic response, expressiveness, form and content, as well as art and morality.

PHI 4905 Directed Study (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 4930 Selected Topics (1-3) AS PHI
PR: CI. Approval slip from instructor required. Selected topics according to the needs of the senior students.

PHI 5135 Symbolic Logic (3) AS PHI
PR: PHI 2100 or CI. Study of topics such as the following: Metatheory of propositional and predicate logic, related metatheoretic results, alternative logic.

PHI 5225 Philosophy of Language (3) AS PHI
PR: Eight hours of philosophy, major in linguistics, or CI. An examination of semantically, syntactically, and functionally theories of language with special attention given to the problems of meaning, linguistic reference, syntactical form, and the relations between scientific languages and ordinary linguistic usage. Seminar format.

PHI 5913 Research (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual research supervised by a faculty member.

PHI 5954 Directed Study (1-4) AS PHI
PR: CI. Approval slip from instructor required. Selected topics according to the needs of the student.

PHI 3020 Philosophies of Love and Sex (3) AS PHI
Discussion of Philosophies of love offered by Plato, Aristotle, Epicurus, Aquinas, Hume, Kant, Schopenhauer, Russell, Sartre, Marx, etc.

PHM 3100 Social Philosophy 6A HS HP (3) AS PHI
An analysis of rival theories of social order and their philosophical foundations.

PHM 3400 Introduction to Philosophy of Law (3) AS PHI
A study of the fundamental concepts of law from a philosophical standpoint including crime, justice, punishment, free speech, insanity.

PHM 4120 Major Black Thinkers (3) AS AFA
PR: Junior or Senior standing. Survey of major themes and issues in African/African-American intellectual and political thought with an emphasis on theories of nationalism. Works of individuals such as Martin Delany, Booker T. Washington, W. E. B. DuBois, Marcus Garvey, Malcolm X, and Angela Davis are considered.

PHM 4322 Ancient and Medieval Political Philosophy MW (3) AS PHI
A survey of Political philosophy from 6 B.C. until 1600 A.D., including an examination of the ethical, metaphysical, and epistemological bases of these philosophies.

PHM 4331 Modern Political Philosophy 6A MW (3) AS PHI
A survey of political philosophy from 1600 A.D. until 1900 A.D., including an examination of the ethical, metaphysical, and epistemological bases of these philosophies.

PHM 4340 Contemporary Political Philosophy 6A MW (3) AS PHI
A survey of political philosophy in the twentieth century, including an examination of the ethical, metaphysical and epistemological bases of these philosophies.

PHM 5125 Topics in Feminist Philosophy (3) AS PHI
A study of recent feminist philosophical approaches to epistemology, aesthetics and political philosophy. May also be taken for credit in Women's Studies.

PHM 5126 Social Issues in Biomedical Ethics (3) AS PHI
An examination of the social and political issues arising from rapid changes in medicine and technology. Topics covered may include social justice issues related to the just distribution of health care, reproductive technologies, HIV and AIDS, eugenics, genetic testing, and maternal-fetal relations.

PHP 3786 Existentialism 6A HP (3) AS PHI
A study of the religious and atheistic existentialists and the bearing of their views on religion, ethics, metaphysics, and theory of knowledge.

PHP 4000 Plato 6A MW (3) AS PHI
The examination of Plato I will include the dialogues Protagoras, Georgias, Meno, Republic.

PHP 4010 Aristotle 6A MW (3) AS PHI
Study of Aristotle's philosophy.

PHP 4140 Kant (3) AS PHI
Lecture and discussion of Kant's philosophy, especially the Critique
PHT 5276C Physical Therapy Science II  (4) MD PHT
A careful study of the metaphysics and epistemologies of Descartes, Spinoza, Leibniz, and Malebranche.

PHT 5274 Analytical Philosophy 6A (3) AS PHI
A careful study of the metaphysics and epistemologies of Locke, Berkeley, Hume, and Thomas Reid.

PHT 5021 Professional Issues I (2) MD PHT
Introduction to physical therapy skills used in examination, evaluation, and diagnosis for clients with uncomplicated musculoskeletal impairments involving the extremities. Emphasis on obtaining a history and physical therapy tests and measures leading to a differential diagnosis by application of principles of movement. Restricted to majors.

PHT 5022 Professional Issues II (2) MD PHT
Focus on legal, ethical, and professional responsibility and accountability of the physical therapist. Learners will further develop their abilities to make legal and ethical decisions. The class will examine state laws governing the practice of physical therapy and other health care services. Restricted to majors.

PHT 5023 Professional Issues III (3) MD PHT
An introduction to critical injury and educator roles and responsibilities; explores the concepts of decision-making, evaluation of research, theories of learning, research and clinical pathways. Restricted to majors.

PHT 5171C Foundational Science I (3) MD PHT
Introduction to the peripheral neuromuscular, skeletal, integumentary, and circulatory systems in normal and pathological states. Includes the anatomy and physiology of bones, joints, skin, nerves, and blood vessels, as well as the response of these tissues to injury and their potential for healing. Restricted to majors.

PHT 5172C Foundational Science II (1) MD PHT
Emphasis on physiology of the peripheral sensomotor and cardio pulmonary systems. Restricted to majors.

PHT 5173C Foundational Science III (2) MD PHT
Emphasis on physiology of the peripheral sensomotor and cardio pulmonary systems. Restricted to majors.

PHT 5271 Patient/Client Management I (3) MD PHT
Foundational principles of histology, pathology, histopathology, applied biomechanics, pharmacology and clinical medicine are introduced and applied to the physical therapy management of individuals with musculoskeletal disorders involving the limbs. Restricted to majors.

PHT 5272 Patient/Client Management II (2) MD PHT
An introduction to the principles of patient management to patients with cardiopulmonary disease or dysfunction and diabetes in order to identify and write plans of care for related movement dysfunction. Restricted to majors.

PHT 5273 Patient/Client Management III (3) MD PHT
Learners apply principles of patient/client management to patients with progressive, non-progressive diseases and injuries of the nervous system. Restricted to majors.

PHT 5275C Physical Therapy Science I (4) MD PHT
Introduction to physical therapy skills in examination, evaluation, and diagnosis for clients with uncomplicated musculoskeletal impairments involving the extremities. Emphasis on obtaining a history and performing physical therapy tests and measures leading to a differential diagnosis by application of principles of movement. Restricted to majors.

PHT 5276C Physical Therapy Science II (4) MD PHT
Introduction to physical therapy problems. Emphasis is placed on teaching students how to use evaluation, diagnosis, and intervention for clients with activity limitations associated with cardiovascular, hematological, or pulmonary disorders. Major emphasis on selecting, justifying, administering, and interpreting radiological responses to physical agents and therapeutic exercises. Restricted to majors.

PHT 5277C Physical Therapy Science III (3) MD PHT
Evaluation, examination, diagnosis, and intervention for movement-related problems secondary to impairments of the nervous system. Contemporary theories of motor development, motor learning and motor control will be introduced. Student knowledge will be demonstrated with clinical problem-solving scenarios. Restricted to majors.

PHT 5822 Clinical Education I (3) MD PHT
Initial clinical practice experience for the development of patient care skills. The course is graded Satisfactory/Unsatisfactory. Restricted to majors.

PHY 5906 Directed Independent Study (1-10) MD PHT
Directed independent study, content to be decided. Restricted to majors.

PHY 2049 General Physics II NS (3) AS PHY
PR: MAC 2281 or MAC 2311. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053L and PHY 2049L courses. First semester of a two-semester sequence of calculus-based general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.

PHY 2048L General Physics Laboratory I (1) AS PHY
PR: MAC 2281 or MAC 2311. Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2048L courses. First semester of a two-semester sequence of non-calculus-based general physics (mechanics, wave motion, sound, electricity, magnetism, optics, modern physics) and laboratory for physics majors and engineering students.

PHY 2049L General Physics Laboratory II (1) AS PHY
PR: MAC 2282 or MAC 2312, PHY 2048, PHY 2048L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. Second semester of general physics and laboratory for physics majors and engineering students.

PHY 2048L General Physics Laboratory II (1) AS PHY
PR: MAC 2282 or MAC 2312, PHY 2048, PHY 2048L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. Second semester of general physics and laboratory for physics majors and engineering students.

PHY 2053 General Physics I NS (3) AS PHY
PR: MAC 1140 and MAC 1114, or MAC 1147. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. First semester of a two semester sequence of non-calculus-based general physics (mechanics, heat, wave motion, sound, electricity, magnetism, optics, modern physics) for science students.

PHY 2053 General Physics Laboratory I (1) AS PHY
PR: MAC 1140 and MAC 1114, or MAC 1147. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053L and PHY 2049L courses. First semester of a two semester sequence of non-calculus-based general physics for science students.

PHY 2054 General Physics II NS (3) AS PHY
PR: PHY 2053, PHY 2053L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. Second semester of non-calculus-based general physics for science students.

PHY 2054L General Physics Laboratory II (1) AS PHY
PR: PHY 2053, PHY 2053L. Must be taken concurrently with lab and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2054L and PHY 2049L courses. Second semester of general physics lab for science students.

PHY 3101 Modern Physics (3) AS PHY

PHY 3221 Mechanics I (3) AS PHY
PR: PHY 2048, CRI 2083 or MAC 2313. First semester of a two-semester sequence. Review of vector algebra and vector calculus. Dynamics of single particles and systems of particles; central forces; rotation about an axis; statics; and virtual work.

PHY 3222 Electricity and Magnetism I (3) AS PHY
PR: PHY 2049, MAC 2283 or MAC 2313. Electrostatic fields and
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**PHY 4342 Optics (4) AS PHY**
- PR: PHY 2049; CR: MAC 2283 or MAC 2313. Reflection, refraction, dispersion, interference, diffraction, polarization, and laboratory.

**PHZ 5151 Methods of Theoretical Physics I (3) AS PHY**
- PR: MAP 2302 or CI. Applications of mathematical techniques to classical and modern physics. Vector spaces including Hilbert space, orthogonal functions, generalized functions, Fourier analysis, transform calculus, and variational calculus.

**PHY 4905 Independent Study (1-3) AS PHY**
- CR: S/U only. Specialized, independent study determined by the student's need and interest. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

**PHY 4910 Undergraduate Research (1-4) AS PHY**
- PR: Senior or advanced junior standing and CC. S/U only. An individual investigation in the laboratory or library or both, under the supervision of the instructor. Credit hours and other contractual terms are to be determined by student/instructor agreement.

**PHY 4936 Selected Topics in Physics (1-4) AS PHY**
- PR: Senior or advanced junior standing and CC. S/U only. All undergraduate physics majors must enroll in this course at least once. Regular attendance is required. This course introduces students to the research areas in the Physics Department.

**PHZ 5134 Methods of Theoretical Physics II (3) AS PHY**
- PR: PHY 2049, PHY 2054L or PHY 2049, PHY 2049L. The first semester of a two-semester sequence. The second semester of a two-semester sequence on solving problems in General Physics I. A course designed to be taken with the lecture course and to help students with developing problem-solving skills.

**PHZ 4911 Computational Physics (3) AS PHY**
- **Introduction to computer applications in physics.** Emphasis on numerical methods and simulation of physics problems using linear algebra, differential equations and Monte Carlo methods. No prior programming experience required.

**PHZ 4931 Applications of Physics to Biology and Medicine I (4) AS PHY**
- PR: PHY 2054, PHY 2054L or PHY 2049, PHY 2049L. The first semester of a two-semester sequence. The second semester of a two-semester sequence on solving problems in General Physics I. A course designed to be taken with the lecture course and to help students with developing problem-solving skills.

**PHZ 4932 Applications of Physics to Biology and Medicine II (4) AS PHY**
- PR: PHY 2054, PHY 2054L or PHY 2049, PHY 2049L; PHY 2053 or CI. The second semester of a two-semester sequence, to discuss the applications of the physical concepts introduced in the General Physics sequence to biological systems and for medical applications. Restricted to non-majors.

**PHZ 4732 Applications of Physics to Biology and Medicine II (4) AS PHY**
- PR: PHY 2054, PHY 2054L or PHY 2049, PHY 2049L; PHY 2053 or CI. The second semester of a two-semester sequence, to discuss the applications of the physical concepts introduced in the General Physics sequence to biological systems and for medical applications. Restricted to non-majors.
required, and, if dropped, then dropped simultaneously. S/U only.

A laboratory designed to offer additional practical use various instructional technologies and media.

POR 2200 Intermediate Portuguese I (3) AS WLE
POR 2200 builds upon the four language skills (speaking, comprehension, reading, and writing) introduced in POR 1120 and POR 1121.

POR 2201 Intermediate Portuguese II (3) AS WLE
For language students who intend to attain basic proficiency.

POS 2041 American National Government (3) AS POL
Analysis of basic principles and procedures of the American governmental system with emphasis on current issues and trends.

POS 2080 The American Political Tradition SS HP (3) AS POL
This course is an introductory survey of the historical developments and changes in American political institutions, processes, and thought.

POS 2112 State and Local Government and Politics (3) AS POL
Analysis of the structure and function of state and local governments, of the social and political influences that shape them, and of the dynamics of their administrative processes.

POS 3142 Introduction to Urban Politics and Government (3) AS POL
Governmental and political structures and processes as they function in urban areas, with special focus on municipalities and locally based services.

POS 3173 Southern Politics (3) AS POL
Examines changes in electoral politics in the South, and the role of interest groups and the state and federal government in facilitating change.

POS 3182 Florida Politics and Government (3) AS POL
A study of Florida political culture, political parties and elections, the legislative, executive, and judicial systems, and policy patterns.

POS 3283 Judicial Process and Politics (3) AS POL
The organization, development, and functioning of American court systems and the causes and consequences of judicial behavior from an empirical perspective.

POS 3453 Political Parties and Interest Groups (3) AS POL
Analysis and understanding of role, functions, structure, and composition of such, and their impact on American governmental institutions.

POS 3691 Introduction to Law and Politics (3) AS POL
Nature of law, legal process, relationship to political life of constitutional law, administrative law, the judicial process, and private law.

POS 3697 Environmental Law (3) AS POL
Examines some of the major issues involving environmental law. Specially, the course provides a survey and analysis of statutes, both state and federal, regulating water, air, soil pollution, and resource conservation and recovery. It will also address questions pertaining to problems of implementation, interpretation, enforcement, and development of environmental laws.

POS 3713 Empirical Political Analysis (3) AS POL
Fundamental principles of empirical political inquiry: systematic data collection and quantitative analysis techniques. Laboratory exercises using the computer are required.

POS 3931 Selected Topics (3) AS POL
Selected topics in political science with course content based upon student demand and instructor’s interest.

POS 4204 Political Behavior, Public Opinion, and Elections (3) AS POL
Analysis of economic and socio-psychological factors influencing mass and elite political behavior; voting behavior, public opinion, and political activism.

POS 4413 The American Presidency 6A (3) AS POL
The presidency as a political institution; analysis of powers; legislative, administrative, political, and foreign policy leadership; crisis management and decision making; White House staffing; limits on power.

POS 4424 The American Congress (3) AS POL
Organization, procedures, committee system, party leadership, relations with governmental and non-governmental organizations and agencies, oversight, decision-making processes, House/Senate committee system and theory of brain functions.

POS 4614 Constitutional Law I (3) AS POL
PR: POS 2041. Leading social problems, principle institutions, and the scope of powers. Analysis of Supreme Court decisions, scholarly commentaries, and the work of leading public figures.

POS 4624 Constitutional Law II (3) AS POL
PR: POS 2041. Analysis of Supreme Court decisions and scholarly commentaries on the constitutional rights of individuals.

POS 4635 Women and Law I (3) AS WST
Introduction to issues concerning the legal aspects of sex and sex-based discrimination as embodied in statutory and case law; focusing on constitutional and family law and reproductive freedom issues.

POS 4694 Women and Law II 6A MW (3) AS WST
PR: POS 4693 or CI. Legal position of women in American society and the challenges available to challenge current laws and practices, with specific emphasis on employment and education issues as they relate to both women and men.

POS 4905 Independent Study (1-3) AS POL
PR: 3.0 average in Political Science and CI. S/U only. Specialized study determined by the student’s needs and interests.

POS 4910 Individual Research (1-3) AS POL
PR: 3.0 average in Political Science and CI. Investigation of some aspect of political science culminating in the preparation of an original research paper.

POS 4936 Senior Seminar (3) AS POL
PR: Senior standing and CI. An opportunity to work with others in a seminar format, exploring specialized topics.

POS 4941 Field Work (3-15) AS POL
PR: 3.0 average in Political Science and CI. Opportunity for students to obtain practical experience as aides to agencies of government and political parties.

POS 4970 Honor Thesis (3) AS POL
PR: Admission to Honor option. Writing of honor thesis under direction of faculty members.

POS 5094 Issues in American and National Government (3) AS POL
Selected topics of study in American government.

POS 5155 Issues in Urban Government and Politics (3) AS POL
Selected issues and topics in Urban Government and politics.

POS 5159 Urban Policy Analysis (3) AS PAD
Application of policy framework for urban government & policies. Examine forms of government and how policies such as economic development, law enforcement, community policing, neighborhood policies (with non-profit groups) can be analyzed.

POT 3003 Introduction to Political Theory (3) AS POL
Examines various kinds of theory used in political science for understanding political life: normative theory, empirical theory, historicism theory, analytical theory, and critical theory.

POT 3013 Classical Political Theory (3) AS POL
Analysis of basic ideas of Plato, Aristotle, Cicero, St. Thomas, and other leading pre-modern political philosophers.

POT 4054 Modern Political Theory (3) AS POL
Analysis of basic political ideas of Machiavelli, Hobbes, Locke, Rousseau, Burke, and other modern philosophers.

POT 4064 Contemporary Political Thought (3) AS POL
Examines various political views and political phenomena in the nineteenth and twentieth centuries. Diverse theoretical types and political phenomena will be presented.

POT 4109 Politics and Literature 6A LW (3) AS POL
Critical examination of the connections between politics and literature.

POT 414 American Political Thought (3) AS POL
Examines political writings in the U.S. and responses to critical periods in history, beginning with the Founding Fathers, culminating in recent contributions and understanding contemporary political problems and solutions.

POT 4661 The Politics of Identity, Difference and Inequality MW (3) AS POL
PR: POT 3003. An analysis of how relationships of social identity and difference become the basis of social, political and economic inequality in modern society. It incorporates both contemporary and classical discussions of inequality.

POT 4936 Selected Topics in Political Theory (3) AS POL
Selected topics or thinkers in political theory.

PPE 4004 Personality (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Methods and findings of personality theories and an evaluation of constitutional, biosocial, and psychological determinants of personality.

PSB 4013C Physiological Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Gross neural and physiological components of behavior. Structure and function of the central nervous system and theory of brain functions.

PSY 2012 Psychological Science I SS (3) AS PSY
A broad survey of psychology for both majors and non-majors with special emphasis on the more applied areas of psychology (e.g., social psychology, developmental psychology, personality, and developmental psychology.).

PSY 3044 Psychological Science II SS (3) AS PSY
PR: PSY 2012, psychology major or CI. Designed as an in-depth examination of the basic principles and concepts of psychological science. Extensive coverage will be given to the area of learning.
PSY 3213: Research Methods in Psychology (4) AS PSY
PR: PSY 2012 with a grade of C or better or CI. This course considers the logic of experimental design, concept of control and the analysis of experimentally obtained data. The laboratory section provides experience applying the concepts discussed in lecture. Two lectures plus two-hour lab. May be taken concurrently with PSY 3044.

PSY 4205: Experimental Design and Analysis (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Detailed coverage of those research designs and statistical techniques having the greatest utility for research problems in psychology. Emphasis on topics from analysis of variance.

PSY 4604: History and Systems of Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. The historical roots of modern psychological theories, investigation of the various schools of psychology such as behaviorism, Gestalt psychology, psychoanalysis, and phenomenological psychology.

PSY 4913: Directed Study (1-3) AS PSY
PR: CI. S/U only. A maximum of 3 credits of either PSY 4913 or PSY 4970 may count toward the major. The student plans and conducts an individual research project or program of directed readings under the supervision of a faculty member.

PSY 4931: Selected Topics: Seminar (3) AS PSY
PR: Upper-level standing, psychology major and CI. Graduate-type seminars designed to provide the advanced undergraduate student with an in-depth understanding of a selected sub-area within psychology.

PSY 4932: Honors Seminar (3) AS PSY
PR: Admission to honors program in psychology and CI. May not count for major credit. The student, under supervision of a faculty member, will formalize, conduct, analyze, and report in writing a research project in psychology.

PSY 4933: Advanced Topics in Applied Behavior Analysis (4) AS PSY
PR: EXP 4404 and CLP 4414. Restricted to Psychology majors admitted to the Concentration in Applied Behavioral Analysis. Advanced seminar in the effective and ethical application of behavior analysis to human problems. Includes theoretical and conceptual issues; assessment and treatment procedures; legal, ethical and sociocultural issues.

PSY 4970: Honors Thesis (1-3) AS PSY
PR: Admission to honors program in psychology and CI. A maximum of 3 credits of either PSY 4913 or PSY 4970 may count toward the major. The student under supervision of a faculty member will formalize, conduct, analyze, and report in writing a research project in psychology.

PUP 4002: Public Policy (3) AS POL
Examines the formation and implementation of public policy in areas such as the economy, health, etc.

PUP 4203: Environmental Politics and Policy (3) AS POL
Examines the politics of environmental issues, formation and implementation of public policies.

PUP 4333: Women and Politics 6A Mw (3) AS WST
An analysis of the impact of gender on power and influence in American society, and women's changing role in the political process.

PUP 5607: Public Policy and Health Care (3) AS POL
The study of health care policy as it relates to the policy process in the American setting.

PUR 3000: Principles of Public Relations (3) AS COM
PR: MMC 2100 and MMC 3602. The underlying theory and professional practice of public relations within corporate and institutional structures and its vital role in society; ethical standards of practice, and relationships of the practice to the public media; public relations problem-solving process.

PUR 3500: Public Relations Research (3) AS COM
PR: PUR 3000 and LIS 2002. The theory and practice of quantitative and qualitative research methods as applicable to the study of public relations and public relations campaigns. Emphasis is on the scope of research methods available to public relations practitioners, evaluation of data and report writing.

PUR 4100: Writing for Public Relations (3) AS COM
PR: JOU 2100 and PUR 3000. Techniques for creating effective written public relations communications to achieve organizational goals, including news releases, proposal letters, broadcast scripts, public relations memos, and reports. Exercises based on case study assignments.

PUR 4101: Public Relations Design and Production (3) AS COM
PR: MMC 2100 and MMC 3602. Theoretical and practical applications of design for public relations publications. Design software. Study of visual design, page architecture, typographic, color and illustrations. Integration of design elements in the design of different types of public relations publications.

PUR 4401: Public Relations: Issues, Practices and Problems (3) AS COM
PR: PUR 3000. The theory of public relations practice and its application in the real world. The role of the public relations practitioner in business, government, and social institutions, and the nature of specialized areas of the practice. Identification of public issues, analysis of potential impact on organizations and development of strategies to deal with them successfully and responsibly. Communication techniques and trends.

PUR 4700: Public Relations Practicum (1) AS COM
PR: Senior standing and CI. For public relations sequence majors. S/U. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

PUR 4891: Advanced Public Relations (3) AS COM
PR: PUR 3500, PUR 4100 and PUR 4401. As final course in Public Relations sequence, it involves intensive study of counseling and problem-solving techniques used in professional practice. Analysis of case studies and preparation of complete Public Relations program. Extensive reading in the literature of contemporary practice.
strategies needed for success related to academic coursework. Practice of learning strategies will be within the framework of the student’s course work, providing direct transfer to academic area material. Will not be counted toward the English major.

REA 2505 Vocabulary (3) AS ENG
A practical course in rapid vocabulary improvement for students in all areas. Stress is on words in context. Will not be counted toward the English major.

REA 2930 Selected Topics: Learning Strategies (1-4) US REA
Topics will vary to meet the needs of students. Will not be counted toward the English major.

RED 4310 Reading and Learning to Read (3) ED EDE
PR: Admission to College of Education. This course will prepare pre-service teachers to understand the foundations of reading and the inherent learning principles to produce successful readers. The course focuses on appropriate instructional strategies to enhance reading development and reading across the curriculum.

RED 4511 Linking Literacy Assessment to Instruction (3) ED EDR
PR: RED 4310. This course will prepare pre-service teachers to use multiple assessment measures to assess and diagnose students’ strengths and needs in literacy learning. Based on individual student profiles, teachers will design instruction to enhance literacy development.

REE 3043 Real Estate Decision Making (3) BA FIN
PR: FIN 3403. Acquaints students with the range of knowledge required to engage in real estate decision making in the United States. Integrates the institutional framework with which decisions are made, the elements of financial analysis, deal structuring and marketing, and the pricing, financing, and allocation of real property in the real estate market.

REE 4303 Real Estate Investment Analysis (3) BA FIN
PR: FIN 4504. A comprehensive study of the determinants of the market and financial feasibility of the real estate investment decision. The development of market and site analyses, theories of urban development patterns, and the role of taxation will be studied along with the application of analytical techniques for decision making.

REL 2210 Hebrew Bible/Old Testament (4) AS REL
An introduction to the critical study of the Hebrew Scriptures against the background of the ancient Near East, with attention to the history and religion of the Hebrew people.

REL 2240 Introduction to the New Testament (3) AS REL
An introduction to the critical study of the New Testament in context of Christian beginnings in the first century A.D.

REL 2300 World Religions 6A HP (4) AS REL
A cross-cultural exploration of the major religions of the world through lectures, films, and the reading of key religious texts. Religions covered include Judaism, Christianity, Islam, Taoism, Confucianism, Hinduism, and Buddhism.

REL 2306 Contemporary World Religions HP (4) AS REL
This course will explore the unity and diversity of religious traditions in our contemporary global context in order to understand the mutual interactions between religions and cultures. Emphasis will be placed on the role of religions in shaping human values which can either create or resolve social conflicts, and the impact these values can have on issues of race, ethnicity and religious diversity in a multicultural world.

REL 3000 Ancient Religions in Context (4) AS REL
Study of the religions in their cultural setting of the peoples of the Ancient Middle East and Mediterranean.

REL 3003 Introduction to Religion (3) AS REL
This course examines the phenomenon of religion to answer the question: Religion, what is it? Religious thought (mythology and theology) and religious behavior (ritual and morality) are closely examined from a variety of methodological perspectives.

REL 3101 Religion and Popular Culture SS HP (3) AS REL
An exploration and analysis of the relationship between religion and popular culture, which will include inquiry into the definition and meaning of both religion and popular culture, the implications of secularization on traditional religious systems, and the widely diverse expressions of religion in contemporary popular culture.

REL 3111 The Religious Quest in Contemporary Films 6A SS HP (4) AS REL
This course will use contemporary films such as Gandhi, Malcolm X, The Long Walk Home, The Color Purple, The Leap of Faith, The Chosen, and Grand Canyon, to explore the personal and social dimensions of religion in modern society, placing emphasis on issues of racism, sexism and human liberation and reconciliation.

REL 3112 Religion and Contemporary American Holidays HP SS (3) AS REL
Introduces students to the academic study of religion through an exploration of issues and questions related to the character and function of holidays in contemporary America. Open to majors and non-majors.

REL 3114 Comedy, Tragedy, and Religion 6A MW (3) AS REL
Examines the visions of life in comedy and tragedy, and relates both to Judaism, Christianity, and Zen Buddhism.

REL 3120 Religion in America (3) AS REL
To examine the movement from state church to pluralism in American religious institutions, the religious results of non- Protestant immigration, the Jewish factor, the effect of home missions and social concern programs upon American life; political entanglements and the concept of church/state separation.

REL 3131 New Religions in America (3) AS REL
A course designed to allow the student to survey the wide spectrum of contemporary sects and cults in America and learn what motivates their development.

REL 3132 Witchcraft and Paganism in America (3) AS REL
A study of contemporary witchcraft and paganism, including theories, methods, history, myths and symbols, beliefs, rituals and practices, believers, recruitment, socialization, and organizations.

REL 3140 Religion, Culture, and Society (3) AS REL
Introductory scholarly survey of religion in its complex relationship to culture and society, including definitions and theories of religion, research methods, becoming religious, social organization, and interconnections with other social institutions. Open to non-majors.

REL 3145 Women and Man in the Biblical World (3) AS REL
Analysis of the status and roles of women as compared to men in the Judeo-Christian tradition. Contemporary issues of feminist theology, and the controversies surrounding them.

REL 3146 Womanist Vision in Religion (3) AS REL
This course examines the works of Black Womanist writers in religion for their contributions to and insights into the phenomena of religio work in America and the world.

REL 3155 Life After Death MW (3) AS REL
An exploration of ideas about life after death and its relations to this life in Judaism, Christianity, Islam, Hinduism, and Buddhism.

REL 3170 Religion, Ethics and Society Through Film 6A SS HP (4) AS REL
An ethical analysis of contemporary social issues through contemporary films such as Wall Street and Crimes and Misdemeanors, drawing on religious narrative traditions from Eastern and Western cultures which have contributed to the development of an ethic of human dignity, human rights and human liberation after Auschwitz and Hiroshima.

REL 3280 Biblical Archaeology MW (3) AS REL
An in depth examination of the archaeological data relating to the background and content of the Bible, including ancient customs, Biblical sites and cities, Biblical history, and material culture of the Biblical period. Special attention will also be given to excavation methods and interpretation of archaeological evidence.

REL 3303 Comparative Religion: Judaism and Islam MW (3) AS REL
This course is framed within the academic study of religion, and it does not concern itself with contemporary political difference in the Middle East. It treats as Islam the normative statements of the Quarn and related traditions, and as Judaism the authoritative statements of the Torah, oral and written.

REL 3310 World Religions (3) AS REL
A comparison of the ideas, the literature and institutions of the major religions of the world including Judaism, Christianity, Islam from the Near East and Hinduism, Taoism, Confucianism, and Buddhism from the Far East. General comparison of Western and Eastern beliefs.

REL 3315 Introduction to Chinese Religion AF HP SS (3) AS REL
This course is for majors and non-majors, and may not be repeated for credit. The course introduces the history and present state of the religious thoughts and practices in mainland China and the geographical areas in which the Chinese language is spoken.

REL 3316 The Religion of Africa AF (3) AS REL
All religions of the world came to India and all became Indian. What is this "Indianess" which stems from Hinduism, Buddhism, Jainism and Sikhism, but extended itself to include Judaism, Christianity, Islam, Zoroastrianism, and Bahai. Readings from classical texts and modern literature.

REL 3362 Introduction to Islam HP AF (3) AS REL
This course introduces the basic elements of Islamic belief and practice, placing the rise of Islam in its historical context in the Middle East, and stressing issues of diversity (including ethnicity and gender).

REL 3367 Islam in the Modern World 6A HP AF (3) AS REL
Examines the major developments in Islamic thought since the
REL 3375 Issues in Caribbean Religions MW (3) AS REL
This course concentrates on major social and cultural issues in Caribbean religions, mainly in Cuba, Haiti, Jamaica, and Trinidad, with emphasis on African-derived religions and Western and Eastern religious encounters.

REL 3380 Native American Religions (3) AS REL
Introduction to and survey of Native American Religions. A variety of multiplicity of perspectives, including anthropological, historical, social psychological, sociological, and philosophical.

REL 3420 Contemporary Religious Thought (3) AS REL
An examination of the central ideas of recent religious thinkers such as Gandhi, Martin Luther King, Jr., Elie Wiesel, Thich Nhat Hanh, Dorothy Day, Dorothee Soelle, Howard Thurman, Thomas Merton and others.

REL 3465 Religion and the Meaning of Life 6A MW (3) AS REL
What is the meaning of life? An exploration of answers to this question in Eastern and Western religions, and in humanistic philosophies of the twentieth century.

REL 3500 History of Christianity 6A HP (4) AS REL
Historical development of Western Christianity, its ideas and institutions, from the first century to the rise of religious modernism in the 19th century.

REL 3561 Roman Catholicism 6A MW (3) AS REL
An examination of the history, doctrine, and ethics of the Roman Catholic Church.

REL 3600 Introduction to Judaism 6A SS HP AF (3) AS REL
An introduction to Judaism: its religious tenets; its codes of ethics; its rites and customs. This course is intended as a description of what it means to be a Jew.

REL 3602 Classics of Judaism 6A MW (3) AS REL
PR: One course in Religious Studies. How to read the principal documents of Judaism beyond the Old Testament, particularly the Mishnah, Talmuds, and Midrash.

REL 3611 History of Judaism (3) AS REL
A study of the evolution of the religion of ancient Israel from the Exodus to the end of the second century of our era, seen against the background of its historical, geographical, political, social and spiritual setting.

REL 3613 Modern Judaism 6A MW LW (3) AS REL
A study of Jewish life in the West since 1789, emphasizing Jewish beliefs, practices, and institutions.

REL 3900 Directed Readings (1-4) AS REL
PR: CI. Individual guidance in concentrated reading on a selected topic.

REL 3936 Selected Topics (1-4) AS REL
Course contents depend on students’ needs.

REL 4113 The Hero and Religion MW (3) AS REL
A study of the way in which embedded religious models help to fashion the representation of an heroic protagonist. The focus of the course will be on the relationship between the hero and the “other,” as differentiated by race, gender, ethnicity, or merely inner being.

REL 4133 Mormonism in America MW (3) AS REL
A study of Mormonism in America as an example of a new religion. Includes the study of history, myths and symbols, texts, beliefs, rituals and practices, believers, recruitment, socialization, and organizations.

REL 4161 Religion, Technology and Society (3) AS REL
An exploration of the way in which religion and technology have interacted in Western civilization so as to both express and transform human values and identity. Special emphasis will be given to the value questions raised by modern technology.

REL 4171 Contemporary Christian Ethics 6A MW (4) AS REL
PR: Jr. standing and CI. A survey of representative approaches to contemporary Christian ethics and their application to a number of ethical issues peculiar to personal and social life in contemporary society, with an emphasis on issues of race and gender and of intercultural relevance.

REL 4177 Comparative Religious Ethics 6A MW LW (4) AS REL
A comparative study of religious ethics emphasizing how 20th century social activists, such as Gandhi and M. L. King Jr. and eco-feminists such as Rosemary Ruether and Joanna Macy, have drawn upon and transformed traditional religious stories and social practices in order to create a cross-cultural and inter-religious ethic for a multi-cultural world.

REL 4193 Comparative Mysticism (4) AS REL
A course designed to acquaint the student with the nature of mystical experience, and some of the varieties of mystical experience recorded in the writings of the mystics, East and West.

REL 4215 Ancient Israel and the Development of the Hebrew Bible 6A HP AF MW LW (3) AS REL
An exploration of the formation and composition of the Hebrew Bible in light of the religious, social, political, and historical developments in antiquity.

REL 4218 Women and the Bible 6A HP AF MW LW (3) AS REL
How the reductors of Genesis through 2 Kings viewed women; the role women played in the society of the time in which they are portrayed and in that of the redactors; and, an attempt to find the “women’s voices,” however muted, within the biblical texts.

REL 4221 Who Wrote the Bible (Genesis-Kings) 6A MW LW (4) AS REL
A critical examination of Genesis through 2 Kings. This course focuses on the history of the formation of the text and the development of the religious traditions represented therein. Special attention will be paid to Israelite Law, Covenant Theology, and the history of the religion(s) of the Children of Israel in their Ancient Near Eastern context.

An exploration of the Gospels and Acts, including their backgrounds in Judaism and pagan religion, literary and form criticism, historical Jesus research, and the social history of earliest Christianity.

REL 4261 Jesus’ Life and Teachings (4) AS REL
An examination of the various historical studies made in the quest of identifying Jesus as an historical figure. The concern is to make a reasonable assessment of who Jesus was and what he was saying to the Jews in Palestine at the beginning of the common era.

REL 4252 New Testament II: Pauline Letters (4) AS REL
The purpose is to examine the text of the thirteen “Pauline Letters” in the New Testament, to compare them with the Pauline sections of Acts, and to ascertain possible theological development of Paul and the “Pauline wing” of Christianity.

REL 4330 Hinduism (4) AS REL
The philosophy of the saints; the complex rituals of the Brahmans; the art of its temples; the psychology and physiology of yoga; the social rigidity of the caste system; the esoteric science of meditation; the ascetic activism of Mahatma Gandhi—all of these are Hinduism, and more. Close readings of classical texts; philosophic systems and medieval poems.

REL 4332 Buddhism in India, Sri Lanka, and South East Asia (4) AS REL
The life and teachings of the Buddha; the order of monks and nuns; the Buddhist Emperor Ashoka; schisms; the rise of the Great Vehicle and the philosophy of emptiness; Buddhist missions; Buddhist art and culture; Buddhism and national liberation; contemporary social and political issues.

REL 4344 Buddhism in China, Japan, and Tibet (4) AS REL
Mahayana Buddhism followed the silk routes to China and Japan, and later it crossed the Himalayas into Tibet. An overview of the variety of schools and practices of Buddhism and its adaptation by these ancient cultures.

REL 4626 Reason in Religion: Talmudic Logic MW (3) AS REL
Analyzes the modes of thought and of logical analysis of the Talmud of Babylonia; the way in which applied logic and practical reason work in a religious definition of the social order; the dialectical argument.

REL 4670 Judaism and Christianity After the Holocaust 6A MW LW (4) AS REL
This course will explore the impact of the Holocaust on Jewish and Christian thought and identity in the light of the history of religious and cultural anti-Semitism in Western civilization.

REL 4910 Undergraduate Research (1-4) AS REL
PR: Junior standing and CI. Individual investigations with faculty supervision.

REL 4915 Undergraduate Research (1-4) AS REL
PR: Junior standing and CI. Individual investigations with faculty supervision.

REL 4930 Selected Topics (3) AS REL
Course contents depend on student demand and instructor’s interest and may range over the whole field of Ancient Religions. Offerings on a semi-regular basis include the Bible as History 3.

REL 4931 Seminar in Religion (3) AS REL
PR: Majors and minors only or CI A course required for Religious
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<th>Course Code</th>
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<tr>
<td>REL 4936</td>
<td>Selected Topics</td>
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<tr>
<td>RMI 3011</td>
<td>Principles of Insurance</td>
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<td>RMI 4115</td>
<td>Life, Health, And Disability Insurance</td>
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<td>RUS 4900</td>
<td>Selected Topics</td>
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<td>RUS 4905</td>
<td>Directed Study</td>
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<td>REL 4937</td>
<td>Selected Topics: Fall Honors Seminar</td>
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<td>REL 4938</td>
<td>Selected Topics: Spring Honors Seminar</td>
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<td>Writing For Radio and TV</td>
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<td>Introduction to Telecommunications</td>
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<td>Broadcast News</td>
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<td>Telecommunications Programming and Management</td>
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<td>RTV 4942</td>
<td>TV Practicum</td>
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The student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

RUS 1120 Beginning Russian I | 4 | AS WLE |
- CR: RUS 1120L. The first course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking and reading.

RUS 1120L Beginning Russian I Laboratory | 1 | AS WLE |
- CR: RUS 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only.

RUS 1121 Beginning Russian II | 4 | AS WLE |
- PR: RUS 1120 or CI. RUS 1121L. The second course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking and reading.

RUS 1121L Beginning Russian II Laboratory | 1 | AS WLE |
- CR: RUS 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only.

RUS 2200 Russian III | 4 | AS WLE |
- PR: First year Russian or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2201 Russian IV | 4 | AS WLE |
- PR: RUS 2200 or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2270 Overseas Study | 1-6 | AS WLE |
- Intensive study of the Russian language in Russia involving at least 20 hours per week of classroom instruction and cultural excursions conducted in Russian around Moscow and other parts of Russia.

RUS 3249 Conversation | 4 | AS WLE |
- PR: Second year Russian or equivalent. Development of basic conversational skills.

RUS 3470 Overseas Study | 1-6 | AS WLE |
- Must be enrolled in the USF Summer Study in Moscow program.
- Two years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 3500 Russian Civilization | 6A MW | 3 | AS WLE |
- A survey of the cultural history of Russia.

RUS 4241 Conversation I | 4 | AS WLE |
- PR: Previous course in series or equivalent. Development of basic conversational skills.

RUS 4402 Advanced Russian Conversation & Composition I | 4 | AS WLE |
- PR: RUS 4241 or CI. Third year Russian.

RUS 4403 Advanced Russian Conversation & Composition II | 4 | AS WLE |
- PR: RUS 4241 or CI. Third year Russian.

RUS 4471 Advanced Overseas Study | 1-6 | AS WLE |
- Must be enrolled in the USF Summer Study in Moscow program.
- Three years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 4900 Selected Topics | 1-3 | AS WLE |
- Study of an author, movement or theme.

RUS 4905 Directed Study | 1-3 | AS WLE |
- Departmental approval required.

RUT 3110 Russian Classics in English | 6A MW LW | 3 | AS WLE |
- Masterpieces of 19th century Russian literature in English. the major works of Pushkin, Lomontov, Gogol, Turgenew, Dostoeyvsky, Tolstoy, and Chekhov. Elective for all students in all departments.

RUT 3111 Twentieth-Century Russian Literature in English | 6A MW LW | 3 | AS WLE |
- Masterpieces of 20th century Soviet literature in English. the major works of Bely, Olesha, Babel, Zamyatin, Bulgakov, Pasternak, and Sholzenitzenz. Elective for all students in all departments.

SCE 4236 Science, Technology, Society Interaction | 6A MW | 4 | ED EDN |
- Achieve an historical and philosophical understanding of (1) the nature of the scientific method, (2) the interaction of science, technology, and society (STS), (2) how to teach STS including the use of computers and related technologies, and (3) intricacies of sample STS topics.

SCE 5350 Communication Skills in the Science Classroom | 3 | ED EDN |
- Reading and communication skills important in understanding scientific and science education literature and communicating
SOP 4330 Social Psychology of HIV/AIDS (3) AS PSY
PR: PSY 2012, PSY 3044, PSY 3213 Students study social psychology theory and research while working at an AIDS service organization. They observe the research as a framework for understanding, and developing solutions to, problems confronting the organization’s staff and clients.

SOP 4514 The Holocaust, Social Prejudice, and Morality (3) AS PSY
PR: PSY 2012. Examines the Holocaust from social, psychological, and communication/language perspectives. Reviews root causes of prejudice, the manifestations of hatred in language, relationships, social issues, the impact of prejudice on victims and survivors, and rescuers.

SOP 4741C Environmental Psychology (3) AS PSY
PR: PSY 3123 with a grade of C or better or CI. Explores the influences of environment on behavior. Topics considered include crowding, privacy, territorial behavior, environmental design, and pollution effects. Designed for both psychology majors and non-majors.

SOW 4341 Multi-Methodologies of Social Work Practice II: Macro-System Intervention (5) AS SOK
PR or CR: SOW 3101; SOW 4522. All provisional major courses. Restricted to full Social Work majors; others by School permission. An advanced policy course taking an analytical approach to contemporary social welfare policy issues and current social welfare programs.

SOW 4343 Multi-Methods of Social Work Practice II: Macro-System Intervention (5) AS SOK
PR: All provisional major courses. SOW 3101, SOW 4522, SOW 4341. Restricted to full Social Work majors; others by School permission. An advanced policy course taking an analytical approach to contemporary social welfare policy issues and current social welfare programs.
SOW 3102, SOW 4522, SOW 4343. CR: SOW 4233, SOW 4510. S/U only. Supervised field placement consisting of 32 hours per week in the field with a total of 480 clock hours per semester.

SPA 4222 Fluency Disorders (3) AS CSD
PR: Admission to ITT Program. CR: SPA 3653L. A comprehensive study of disfluent speech behavior. Differential diagnosis, principles of therapeutic intervention, and procedures for children and adults will be stressed.

SPA 4222 Fluency Disorders (3) AS CSD
PR: SPA 4201. A comprehensive study of disfluent speech behavior. Differential diagnosis, principles of therapeutic intervention, and procedures for children and adults will be stressed. Monitoring of the development and origin of stuttering are also presented.

SPA 4335 Sign Language Codes (3) AS CSD
PR: DPR. A review of the sign systems (SEE I, SEE II, L.O.V.E., and Signed English) used to code messages through the use of sign. The student will have the opportunity to practice one of the sign systems.

SPA 4555 Counseling of Communicatively Handicapped and Family Members (3) AS CSD
PR: SPA 3011 and SPA 3310. Discussion of role of counseling in the treatment of communication disorders. Based on exploration of theoretical constructs, this course demonstrates application of therapeutic methodologies to reduction of communication handicaps.
SPA 4613C Intermediate American Sign Language (4) AS CSD
PR: SPA 3612C. A one-hour laboratory course which expands the student's signing skills and introduces American Sign Language (ASL) idioms. Provides a greater opportunity for skill development in ASL structure and idiomatic usage. One hour of laboratory work is included.

SPA 4614C Advanced American Sign Language (4) AS CSD
PR: SPA 4613C, DPR. A continuation of the study of American Sign Language (ASL) at the advanced skill level. Added emphasis on idioms, body language, and facial expression as a sign language. One hour of laboratory work is included.

SPA 4615C American Sign Language 4 (4) AS CSD
PR: SPA 4614C. This course is a continuation of the study of American Sign Language (ASL) at the highly advanced skill level. It provides added emphasis on skill development of the language, including storytelling and poetry. One-hour laboratory course work is included.

SPA 4617C Structure of Sign Language (4) AS CSD
PR: SPA 3612C and SPA 4613C. This course is a basic introduction of semiotic and linguistic consideration of American Sign Language (ASL). It includes aspects of phonology, morphology, syntax, semantics, and discourse of ASL. A one-hour laboratory is incorporated into the coursework.

SPA 4626 Fundamentals of Fingerspelling (2) AS CSD
PR: DPR. A concentrated study of technique in fingerspelling emphasizing clarity and rhythm in expression as well as receptive understanding.

SPA 4632 Nature and Needs of the Deaf and Hard of Hearing (3) AS CSD
A study of the effects of auditory disorders upon the organization and expression of behavioral patterns as they relate to motivation, adjustment and personality.

SPA 4652 Legal, Social, and Technical Issues of Working with Deaf (3) AS CSD
 Restricted to majors. Provides the discussion of ethical, procedural, communication, as well as legal issues and activities that apply their interpreting skills in educational situations. Focuses on the professionalism and integration of their roles into educational settings.

SPA 4654 ASL to English Interpreting (3) AS CSD
PR: SPA 3651. This course focuses on skills development and the principles of sign to voice interpreting and transliterating through drill practice, role-play, and projects. Students will practice from video taped and live materials, and will learn the techniques of self-assessment through videotaping.

SPA 4662 Interpreting in Public Schools I (3) AS CSD
PR: Admission to ITT Program. CR: SPA 4386L. This course is restricted to majors only. This course provides techniques for interpreting instructional/non-instructional activities and the development of communication modes used by deaf children. Includes interpreting practices and understanding teaching methods.

SPA 4662L Interpreting in Public Schools I Lab (1) AS CSD
PR: Admission to ITT Program. CR: SPA 4386. This course is restricted to majors only. This course provides practical application of interpreting the subjects taught in the public school classes. Discussion includes class goals, instructional style, interpreter roles and ethics, language or mode choice, and analysis of the classroom for accessibility and appropriateness for interpreting.

SPA 4663 Interpreting in Public Schools II (3) AS CSD
PR: SPA 4386, SPA 4386L. CR: SPA 4662L. This course is restricted to majors only. This course provides advanced techniques for interpreting instructional/non-instructional activities and the development of communication modes and languages used by deaf children. Includes interpreting practices and understanding teaching methods.

SPA 4663L Interpreting in Public Schools II Lab (1) AS CSD
CR: SPA 4662. This course is restricted to majors only. This course provides advanced assessment of interpreting skills and interpreting integration of targeted school classes and activities. Selection criteria for using a particular sign system, mode, or language will be assessed and discussed in individualized meetings.

SPA 4665 Practicum in Interpreting in Schools (1-8) AS CSD
This course is restricted to ITT majors. This course provides practice sessions in school settings under supervision of an experienced interpreter and course instructor. Each practicum student will shadow an interpreter, and participate in discussion about the overall performance.

SPA 4930 Selected Topics (1-6) AS CSD
PR: DPR. Intensive study of topics in Speech-Language Pathology, Audiology, and/or Aural Rehabilitation conducted under the supervision of a faculty member.

SPA 5132 Audiology Instrumentation (2) AS CSD
PR: DPR. Calibration, usage, and specific applications of specialized instruments available for dealing with the identification and measurement of hearing disorders.

SPA 5150 Advanced Speech Science (3) AS CSD
PR: SPA 3011 or equiv., SPA 5150L, and DPR. Advanced study of the acoustics, production, and perception of normal and disordered speech.

SPA 5150L Speech Science Instrumentation (3) AS CSD
PR: DPR or SPA 3011 or equivalent. Underlying principles and laboratory exercises in the use of audio recording, acoustic analysis, and clinical instrumentation.

SPA 5204 Advanced Clinical Phonology (3) AS CSD
The principles of generative phonology will be applied to the assessment and treatment of phonological disorders. Emphasis is placed on making a child’s phonology more functional for communication purposes.

SPA 5303 Advanced Hearing Science (3) AS CSD
PR: DPR. The study of the physiological acoustics of the auditory periphery; the neuroanatomy and electrophysiology of the central auditory system; and psychacoustic principles as they relate to clinical audiologic measurement paradigms.

SPA 5312 Peripheral and Central Auditory Tests (4) AS CSD
PR: DPR. The study of behavioral and electrophysiologic clinical tests designed to assess the functions of the peripheral and the central auditory system. Tests that incorporate non speech stimuli and those that utilize speech stimuli will be included.

SPA 5528 Aural Rehabilitation: Adults (3) AS CSD
PR: DPR. This course is designed to provide information about and strategies for aural rehabilitation intervention with hearing-impaired adults. Topics covered include: speech reading, auditory training, hearing aids, and assistive listening devices.

SPA 5508 Language-Learning in the School-Age Years (3) AS CSD
PR: SPA 4201 and DPR. Metalinguistic and metacognitive development are linked to the interactional demands of classroom and clinical discourse; observational tools are applied to evaluation and intervention planning.

SPA 5506 Speech-Language Pathology and Audiology Practicum (1-8) AS CSD
PR: DPR. Participation in speech-language pathology and audiology practicum in the University Communication Disorders Center and selected field settings.

SPA 5552 Diagnostic Principles and Practices (3) AS CSD
PR: Admission to the graduate program or DPR. The administration, evaluation, and reporting of diagnostic tests and procedures used in assessment of speech and language disorders.

SPC 2541 Persuasion SS (3) AS SPE
Examines the role of persuasion in public and social life. Students will be introduced to key concepts and theories of persuasion from a variety of historical and contemporary perspectives. Students will use these concepts to create, analyze, and respond to persuasive messages.

SPC 2600 Public Speaking SS (3) AS SPE
The nature and basic principles of human communication; emphasis on improving speaking and listening skills common to all forms of oral communication through a variety of experience in public discourse.

SPC 3212 Communication Theory (3) AS SPE
PR: Junior standing or CI. The study of source, message, and receiver variables in human communication; communication settings; descriptive and predictive models of communication; communication as a process.

SPC 3230 Rhetorical Theory HP (3) AS SPE
This course surveys the foundations and historical evolution of major concepts, issues, theorists, and approaches to the study of rhetoric from Plato to recent contemporary theorists.

SPC 3301 Interpersonal Communication SS (3) AS SPE
A study of interpersonal communication in informally structured settings with emphasis on the understanding, description, and analysis of human communication.

SPC 3425 Group Communication 6A (3) AS SPE
PR: Junior standing or CI. A survey of theory and research in group communication. Group discussions and communication exercises to increase awareness of the dynamics of human communication in small group settings.

SPC 3513 Argumentation and Debate (3) AS SPE
PR: Junior standing or CI. Study of principles of argumentation as applied in oral discourse, analysis of evidence and modes of reasoning. Practice in debate preparation and delivery.
SPC 4970 Honors Thesis (3) AS SPE
PR: Admission to Communication Honors Program. Involves individual research and preparation of an undergraduate honors thesis.

SPC 5238 Topics in Rhetorical Analysis (3) AS SPE
Introduces a variety of critical perspectives applied to rhetoric in specialized contexts. Topics vary depending upon interest of students and faculty.

SPC 5930 Directed Readings in Communication (3) AS SPE
Variable topics course.

SPN 1120 Beginning Spanish I (4) AS WLE
CR: SPN 1120L. Not open to native or near-native speakers of Spanish. Development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 1121L Beginning Spanish II Laboratory (1) AS WLE
CR: SPN 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. Not open to native or near-native speakers of Spanish. S/U only. Laboratory designed to offer additional practice using various instructional technologies and media.

SPN 1130 Accelerated Spanish For Near-Native Speakers I (1-6) AS WLE
PR: CI. Accelerated course for near-native speakers and others with some knowledge of Spanish capable of making rapid progress.

SPN 2200 Spanish III (3) AS WLE
PR: SPN 1121 or equivalent. May NOT be taken concurrently with SPN 2201. Not open to native or near-native speakers of Spanish. Continued development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 2201 Spanish IV (3) AS WLE
PR: SPN 2200 or equivalent. May NOT be taken concurrently with SPN 2201. Not open to native or near-native speakers of Spanish. Continued development of basic skills in listening and reading comprehension, speaking and writing of Spanish.

SPN 2240 Conversation I (3) AS WLE
PR: SPN 2201. Not open to native or near-native speakers of Spanish. For development of basic conversational skills.

SPN 2241 Conversation II (3) AS WLE
PR: SPN 2240 or equivalent. Not open to native or near-native speakers of Spanish. To improve fluency in spoken Spanish.

SPN 2270 Overseas Study (1-6) AS WLE
PR: SPN 1121. Prior departmental approval and early registration are required. An intensive study-travel program in a Spanish-speaking country.

SPN 3300 Advanced Spanish Grammar and Composition (3) AS WLE
PR: SPN 2201 or equivalent. Not open to native or near-native speakers of Spanish. A study of syntax, grammar and writing.

SPN 3340 Advanced Spanish for Native Speakers I (3) AS WLE
PR: Native and near-native oral/aural proficiency. May not count as Spanish major elective. Continuation of SPN 3340. Course for native and near-native speakers of Spanish due to home environment and/or residence in a Spanish speaking country, but without formal training in the language. Emphasis on cultural exploration and the grammatical problems of such speakers.

SPN 3341 Advanced Spanish for Native Speakers II (3) AS WLE
PR: SPN 3340. Not count as Spanish major elective. Continuation of SPN 3340. Course for native and near-native speakers of Spanish due to home environment and/or residence in a Spanish speaking country, but without limited or no training in the language. Emphasis on grammar problems affecting such speakers.

SPN 3440 Spanish for Business and International Trade I (3) AS WLE
PR: SPN 2201 or equivalent. A study of vocabulary and business practices of the Spanish speaking world. Overview of cultural differences within the Spanish speaking world, with emphasis on their impact on business and international trade.

SPN 3441 Spanish for Business and International Trade II (3) AS WLE
PR: SPN 3440 or equivalent. Open to Spanish and Business majors and minors. Continuation of SPN 3440. A study of vocabulary and business practices of the Spanish speaking world. Overview
of cultural differences within the Spanish speaking world, with emphasis on their impact on business and international trade.

SPN 3500 Spanish Civilization (3) AS WLE
PR: SPN 2201 or equivalent. The culture and civilization of Spain. For majors and non-majors.

SPN 3520 Spanish American Civilization (3) AS WLE
PR: SPN 2201 or equivalent. Readings and discussions on the culture and civilization of Spanish America. For majors and non-majors.

SPN 4301 Expository Writing (3) AS WLE
PR: SPN 3300 or SPN 3340. Practical training in contemporary Spanish structure, usage and stylistic devices.

SPN 4410 Advanced Conversation (3) AS WLE
PR: SPN 2241 or equivalent. Not open to native or near-native speakers of Spanish. Intensive practice in the formulation and expression of ideas in standard Spanish.

SPN 4700 Spanish Linguistics (3) AS WLE
PR: LIN 3010 or equivalent (may be taken concurrently with CI) and SPN 2270 or equivalent. An introduction to Hispanic linguistics: Phonology, morphology, syntax, and lexicography.

SPN 5525 Modern Spanish American Civilization (3) AS WLE
PR: SPN 3520 or equivalent or graduate standing. Advanced readings and discussions dealing with contemporary Spanish civilization and culture, including a study of social, artistic and political trends. Text and discussion in Spanish.

SPN 5567 Modern Spanish Civilization (3) AS WLE
PR: SPN 3520 or equivalent or graduate standing. Advanced readings and discussions dealing with contemporary Spanish civilization and culture, including a study of recent social, artistic and political trends. Texts and discussions in Spanish.

SPW 3030 Introduction to Hispanic Literary Studies (3) AS WLE
PR: SPN 3300 or SPN 3340. Prose fiction, drama, poetry, and essay; techniques of literary analysis.

SPW 4100 Survey of Spanish Literature I (3) AS WLE
PR: SPW 3030 or equivalent. A study of Spanish literature from its origins through the 17th century.

SPW 4101 Survey of Spanish Literature II (3) AS WLE
PR: SPW 3030 or equivalent. A study of the later periods of Spanish literature.

SPW 4131 Survey of Spanish-American Literature I (3) AS WLE
PR: SPW 3030 or equivalent. An introduction to the study of Spanish-American literature from the Modernism period to the present. Emphasis on modern writers since Darío.

SPW 4900 Directed Study (1-3) AS WLE
Departmental approval required.

SPW 4930 Selected Topics (1-3) AS WLE
Study of an author, movement or theme.

SPW 5135 Colonial Spanish American Literature (3) AS WLE
PR: SPW 4131. Introduction to Colonial Spanish American literature from the discovery through the Romantic Period.

SPW 5355 Spanish American Drama and Poetry (3) AS WLE
PR: SPW 4131. Major writers of all genres. Emphasis on modern writers.

SPW 5387 Spanish American Prose (3) AS WLE
PR: SPW 4131. Emphasis on the gauchito theme and contemporary prose fiction.

SPW 5388 Golden Age Poetry and Drama (3) AS WLE
PR: SPW 4100. Lope de Vega, Alarcon, Tirso, Calderon, and others.

SPW 5405 Medieval Literature (3) AS WLE
PR: SPW 4100 or equiv. Course gives an in-depth study of the principal authors and periods such as El Poema de Mio Cid, Libro de Buen Amor, and La Celestina.

SPW 5465 19th Century Literature (3) AS WLE

SPW 5605 Cervantes (3) AS WLE
Cervantes’ masterpiece Don Quijote de la Mancha.

SPW 5725 Generation of 1898 (3) AS WLE
PR: SPW 4101. The major figures of the period and their main followers.

SPW 5726 Vanguard Literature 1918 and 1936 (3) AS WLE

SPW 5934 Selected Topics (3) AS WLE
PR: Upper-level or GS. Study of an author, movement, or theme.

SSE 4313 Teaching Elementary Grades Social Studies (3) ED EDE
PR: Admission to College of Education or CI. This course is designed to study techniques and strategies employed by social studies teachers that are effective in motivating elementary school aged youth to acquire the information, skills, and modes of reasoning unique to the social sciences. Students are expected to plan and present instructional plan(s) demonstrating use of various methods, techniques, and materials that achieve concrete outcomes. Theoretical foundations of social studies are also examined.

SSE 4333 Teaching Middle Grades Social Science (3) ED EDE
This course is designed to study techniques and strategies employed by social sciences teachers that are effective in motivating teenage youth to acquire the information, skills, and modes of reasoning unique to the social sciences. Students are expected to plan and present instructional plan(s) demonstrating use of various methods, techniques, and material that achieve concrete outcomes. Theoretical foundations of social studies are also studied. Field work is required.

SSE 4334 Teaching Secondary Grades Social Science (3) ED EDE
PR: SSE 4333. This course is a continuation of SSE 4333 with further development of the instructional techniques and strategies and the information, skills, and modes of reasoning unique to the social sciences with an emphasis on the secondary school environment. The teaching profession, school settings, legal, and classroom management issues are also studied. Fieldwork in a high school is required.

SSE 4350 Global And Multicultural Perspectives in Education MW (3) ED EDE
PR: EDG 3604 and EDG 4620, or DPR. Examination of the major issues surrounding global and multicultural perspectives in education. Available to non-Education majors.

SSE 4600 Reading and Basic Skills in the Social Studies Class (3) ED EDE
Reading skills and other basic skills as applied to the social studies are examined. Students plan and present instruction appropriate to the social studies classroom. Fieldwork in middle or senior high schools is required. Restricted to majors.

SSE 4640 Communication Skills in the Social Sciences (2) ED EDE
PR: SSE 4333, SSE 4334 This course emphasizes preparation for instruction and demonstration of instructional techniques in social sciences covered in SSE 4333 and SSE 4334 with an emphasis on students developing their communication, presentation, and organizational skills.

SSE 4670 Economics USA: Principles of Economics for Teachers (3) ED EDE
S/U only. A television course focusing on content and teaching methodology related to micro/macroeconomic principles.

SSE 4936 Senior Seminar in Social Science Education (2) ED EDE
PR: Senior standing; CR: SSE 4840. Synthesis of teacher candidate’s courses and preparation for the professional interview and application process.

SSE 4940 Internship: Social Science Education (1-12) ED EDE
Credit EE 4940. S/U only. At least one full semester of internship in a public or private school. In special programs where the internship role is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 Semester hours.

SSE 5331 Foundations, Curriculum & Instruction of Social Science Education (3) ED EDI
Social studies curriculum, methods of instruction and social, philosophical and psychological foundations are examined. Students are expected to plan and present instructional plan(s) appropriate to middle and secondary school levels demonstrating command of the course content.

SSE 5332 Methods & Strategies in Social Science Education (3) ED EDI
Social studies methods and strategies are examined with an emphasis on the secondary school environment. The teaching profession, school settings, and current issues are examined. Students are expected to plan and present instructional plan(s) appropriate to senior high school demonstrating command of the course content.

SSE 5336 Teaching Social Science Themes (3) ED EDI
PR: SSE 5331, 5332; SSE Majors only. The course is a laboratory-based, capstone course in which the knowledge, skills, and dispositions learned in SSE 5333 and SSE 5334 are brought together and demonstrated by students teaching elementary school content using the thematic approaches adopted by the National and State accrediting bodies.

SSE 5641 Reading and Basic Skills in the Content Area (3) ED EDI
Reading skills and the other basic skills as applied to the social studies are emphasized. Students are expected to plan and present instructional plan(s) appropriate to the social studies classroom demonstrating command of the course content. Fieldwork in a middle school is required.

### SSE 561 Economic Decision-Making for Teachers (3) ED EDW
PR: Admission to College of Education or DPR. Provides teachers (K-12) with content related to the operation of businesses in a market economy. Teachers analyze economic/business concepts from the perspective of individuals conducting businesses in the Tampa Bay area. Focus of the instruction is on the application of content to K-12 instructional programs.

### STA 1022 Basic Statistics 6A QM (3) AS MTH
PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. No credit for Mathematics majors. Basic philosophy of statistical thinking. Acquisition of data. Techniques for organizing and presenting statistical data. Sample mean, variance and standard deviation. Statistical decisions—estimation and hypothesis testing. Design of experiments, linear association and prediction. Statistical software. MINITAB.

### STA 2023 Introductory Statistics I 6A QM (4) AS MATH
PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math Score, or 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. No credit for Mathematics Majors. Descriptive statistics, basic probability principles, discrete and continuous probability distributions: binomial, Poisson, uniform, normal, t, chi-square and F; point estimation, confidence limits, hypothesis testing, correlation analysis and linear regression. Emphasis on applications to social sciences, life sciences, physical sciences, engineering and business.

### STA 2122 Social Science Statistics 6A QM (3) AS ISS
Descriptive and inferential statistics - through ANOVA, correlation-regression, chi-square and non-parametric tests. The course presents statistics with the view that numbers are a limited, but important aspect of understanding the world. Draws concepts and hypothesis from a wide range of disciplines.

### STA 3024 Introductory Statistics II 6A (3) AS MTH
PR: STA 2023 or CC. Factorials, ANCOV; multiple curvilinear regression; response surfaces; Latin squares, Split Plots, incomplete designs: distribution free methods.

### STA 4321 Introduction to Statistics 6A (3) AS MTH

### STA 4442 Introduction to Probability 6A (3) AS MATH
PR: MAC 2313. Introduction to probability theory using calculus. Basic ideas of probability and random variables, discrete probability functions, continuous probability densities, joint distributions, transformations of random variables, moments and generating functions of random variables. Limit theorems and continuous probability distributions: binomial, Poisson, uniform, normal, t, chi-square and F; point estimation, confidence limits, hypothesis testing, correlation analysis and linear regression. Emphasis on applications to social sciences, life sciences, physical sciences, engineering and business.

### STA 5166 Computational Statistics I 3 (3) AS MTH
PR: STA 4321 and CGS 3422, or CI. Statistical analysis of data by means of statistical computer packages. Regression, ANOVA, discriminant analysis, and analysis of categorical data. Emphasis is on inter relation between statistical theory, numerical methods, and analysis of real life data.

### STA 5228 Sampling Techniques 3 (3) AS MTH

### STA 5326 Mathematical Statistics 3 (3) AS MTH
PR: STA 5446. Sample distribution theory, point & interval estimation, optimality theory, statistical decision theory, and hypothesis testing.

### STA 5446 Probability Theory I 3 (3) AS MTH
PR: STA 4442 and MAA 4212 or CI. Axioms of probability, random variables in Euclidean spaces, moments and moment generating functions, modes of convergence, limit theory for sums of independent random variables.

### STA 5526 Non-Parametric Statistics 3 (3) AS MTH
PR: STA 5446 or CI. Theory and methods of non-parametric statistics, order statistics, tolerance regions, and their applications.

### SUR 2101C Enrichment Land Surveying (3) EN EGX
Principles of land surveying for engineering practice. Traverses, levels, bordering surveys, route surveys, coordinate geometry, and mapping.

### SYA 3010 Classical Theory (3) AS SOC
PR: SYG 2000 or CI. The analysis of the philosophical foundations, central principles, and historical development of Sociological theory. Required for Sociology majors and minors.

### SYA 3015 Contemporary Theory (3) AS SOC
PR: SYA 3010 and SYG 2000 or CI. An examination of recent trends in sociological theory. Emphasis is on theories examining symbolic interactions, lived experience, popular culture, and social identity.

### SYA 3202 Constructing Social Problems (3) AS SOC
Examination of how activists, media, politicians, and scientists construct public images of social problems; analysis of the process of constructing social policies; images of social problems and their impact on social services agencies.

### SYA 3300 Research Methods (3) AS SOC
PR: STA 2122 or equivalent. Introduction to the scientific method and its application to social science research. Research design, sampling techniques, and critical evaluation of social research. Required for Sociology majors.

### SYA 3310 Qualitative Inquiry 6A LW (4) AS SOC
PR: SYG 2000 or CI. Exploration of human relationships and behaviors, organizations, and the larger culture through research techniques such as interviews, participant observation, life histories, and narratives.

### SYA 4910 Individual Research (1-3) AS SOC
PR: Four courses in sociology, including SYA 3300, upper level standing, at least 3.0 overall GPA, or CI. DPR. Content depends on the interest of the student. A contract between the student and the supervising faculty member must be signed before class registration.

### SYA 4930 Topics in Sociology (3) AS SOC
Selected specialized topics in Sociology. Topics such as AIDS in society, drugs in society, community organization, sociology of childhood, public life, socio-biology. Content will vary by semester and by section. See class schedule for specific contents each semester. This course, in different content areas, may be repeated for credit.

### SYA 4935 Senior Seminar MW (3) AS SOC
PR: Senior standing, SYG 2000, SYA 3010, SYA 3300 plus 6 hours of Sociology electives. Majors only. DPR. The opportunity for senior Sociology majors to apply theory and methods to a selected topic of relevance in today’s society. Topic changes by instructor.

### SYA 4949 Sociological Internship (1-6) AS SOC
PR: Senior or graduate standing in Sociology plus CI. Supervised placement in community organization or agency for a minimum of 10 hours of volunteer work per week, and a weekly seminar on applying sociological skills and methods in the placement setting.

### SYD 3441 Peasant Perspectives AF (3) AS SOC
PR: SYG 2000 or 6 hours of other Social Sciences Gen. Ed. coursework or CI. Examines the applicability of sociological concepts to peasant life around the world, and explores the roles played by “western” societies in creating and sustaining the conditions under which peasants live.

### SYD 3700 Racial and Ethnic Relations SS HP (3) AS SOC
PR: SYG 2000 or CI. Comparative study of ethnic relations, social tensions, attitudes, and modes of adjustment in various areas of the world.

### SYD 4410 Urban Sociology (3) AS SOC
The social structure of the community in modern industrial societies.

### SYD 4411 Urban Life (3) AS SOC
PR: SYG 2000 This course provides a number of insights into how living in cities has changed throughout history, how it varies culturally, and how it has been theorized in sociology.

### SYD 4800 Gender and Society (3) AS SOC
Historical and current issues surrounding gender in America. Emphasis on exploring the causes, meaning, and consequences of gender differences, interpersonal relationships, and institutional participation.

### SYG 2000 Introduction to Sociology SS (3) AS SOC
An introduction to sociological perspectives and methods and the basic areas of sociological interests such as socialization, gender, race and ethnic relations, deviance, social control, and social stratification. Required for Sociology majors and minor.

### SYG 2010 Contemporary Social Problems SS (3) AS SOC
The analysis of social causes and dimensions of major public issues such as crime, the environment, inequality, gender, employment, and substance abuse.

### SYG 2412 Marriage (3) AS SOC
Study of pre-marital relations, Social, cultural, and personal factors related to success and failure in mate selection and marriage. Does not count for sociology major credit.

### SYG 3225 Latin Lives AF (3) AS SOC
An exploration of the experiences of Latinos in the United States.
### Uncover and examine such sociological themes as oppression, migration, work, family, activism, spirituality, and sexuality through short stories, poetry, and scholarly research.

**SYO 3120 Sociology of Families (3) AS SOC**  
With a goal to understand American families in the present, this course will explore variations in family types by social class, race, ethnicity, and historical era. Exploration of current controversies about how families should be organized and about what they should do for their members as well as social policies related to family life.

**SYO 3200 Sociology of Religion (3) AS SOC**  
PR: SYG 2000 or CI. An examination of the meanings of religion lived in experiences in the contemporary United States. Includes the construction and maintenance of religious meanings and communities, the impact of those meanings and communities on daily lives, use and impact of religious discourse in daily lives, social movements motivated by religious beliefs.

**SYO 3530 Poverty, Inequality, and Stratification (3) AS SOC**  
Introduction to one of the most common features of modern society, social inequality. A survey of perspectives to explain the causes of inequality and reasons for its persistence.

**SYO 4250 Sociology of Education (3) AS SOC**  
PR: SYG 2000 Application of sociological theory to the social institution of education. Primary attention directed toward the social organization of educational systems.

**SYO 4300 Political Sociology (3) AS SOC**  
PR: SYG 2000 or CI. An examination of the social factors that affect government, politics, and political behavior.

**SYO 4370 Occupations and Professions (3) AS SOC**  
PR: SYG 2000 or CI. A comparative analysis of professions, particularly medicine, law, teaching, allied health professions, engineering. Focus on the process of professionalizing service occupations like police work, business management, public administration and social work.

**SYO 4400 Medical Sociology (3) AS SOC**  
PR: SYG 2000 or CI. The study of disease and the sick person including the analysis of health practices, beliefs, and practitioners, the hospital as an organization, the cost, financing, and politics of health care.

**SYO 4430 Disability and Society MW (3) AS SOC**  
PR: SYG 2000 or CI. Examination of the applicability of sociological concepts to the experience of disability, and of disability as a means to a better understanding of the nature of social experience.

**SYP 3000 Social Psychology SS (3) AS SOC**  
An exploration of the social forces that help shape individual perceptions, behaviors, and personality. The study of ways individuals develop identity and self-worth.

**SYP 3060 Sociology of Sexualities (3) AS SOC**  
Explores the positions, experiences and interactions of people and institutions that define the boundaries through which sexualities are understood in the United States. Addresses interactions with and within medical and religious institutions, racial/ethnic cultures, families, and popular culture.

**SYP 3562 Family Violence (3) AS SOC**  
An exploration of the complexity of the causes and consequences of physical and emotional violence among family members. Topics include the meanings and behaviors of violence, the process of help-seeking, and social interventions for offenders and victims. Open to nonmajors.

**SYP 4420 Consumer Culture 6A MW LW (3) AS SOC**  
PR: SYG 2000 or CI. The exploration of the way in which Americans’ purchasing behavior connects to larger historical shifts in our economy, including disenchantment, alienation, inequality, and the rise of the credit card society.

**SYP 4510 Sociology of Aspects of Deviance (3) AS SOC**  
The examination of the social construction of deviance: how deviance is defined, implications of deviance designations. Applications of theories of deviance to questions such as motivations of deviants and implications of criminal justice processing of deviants.

**SYP 4530 Sociology of Juvenile Delinquency (3) AS SOC**  
Sociological issues in defining delinquency; the nature of adolescence and delinquency; sociological theories of the causes of delinquency; types and consequences of social control applied to delinquents.

**TAX 4001 Concepts of Federal Income Taxation (3) BA ACC**  
PR: ACG 2021. Major concepts used in taxation of income by federal government including enactment of tax laws, basic tax research, preparation of basic tax returns and exploration of tax policy issues.

**TAX 5015 Federal Taxation of Business Entities (3) BA ACC**  
PR: TAX 4001 with a grade of “C” or better (not C-). Tax issues encountered by small businesses. Includes tax planning, capital gains, tax compliance and tax alternatives.

**THE 2020 Introduction to Theatre (3) VP TAR**  
An introduction to the art of theatre as part of the larger context of the nature of art itself. The approach will be both chronological and cross-cultural. Required of all theatre majors.

**THE 2090 Languages of the Stage FA (3) VP TAR**  
Focuses on the variety of approaches to theatrical performance. The purpose of this course is to develop an awareness of the range of contemporary performance practices through a combination of lecture, discussion, theatre attendance, and experiential learning. Provides opportunities for critical thinking and reflection about theatre in contemporary society. Restricted to non-theatre majors.

**THE 2305 Script Analysis (3) VP TAR**  
PR: Sophomore standing. THE 2020. This course teaches theatre students the techniques of close reading of dramatic texts.

**THE 3110 Theatre History I MW (3) VP TAR**  
PR: Sophomore standing. THE 2020. The study of theatrical production in its cultural context, including theatre architecture, scenography, acting and directing. Normally fifteen plays will be read. Required of all theatre majors. Open to upper division non-majors.

**THE 3111 Theatre History II MW (3) VP TAR**  
PR: Sophomore standing. THE 2020. A study of Theatre History in more detail as a companion to Theatre History I. This course and the companion Theatre History I will offer the opportunity for more careful study and emphasis on particular aspects of cross-cultural theatre in context.

**THE 4174 New British Theatre and Drama 6A MW LW (3) VP TAR**  

**THE 4180 Theatre Origins 6A MW LW (3) VP TAR**  
PR: THE 3110 or THE 3111 and one of the following: THE 4330, THE 4330, THE 4360, THE 4401, THE 4434, THE 4435, THE 4442, THE 4480. Open to senior non-majors with CI. An analysis of the development of theatre out of myth, ritual, and liturgy. Emphasis placed on what attempts to understand the resulting phenomena (e.g., Aristotle’s Poetics) can teach us about the nature of our art. Either THE 4180 or THE 4562 is required of all theatre majors.

**THE 4264 History Of Costume (3) VP TAR**  
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of clothing and dress from Ancient Egypt to the 20th Century with an emphasis on cultural and social influences. (A requirement in the design track/costume.)

**THE 4266 Architecture And Decor (3) VP TAR**  
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of architecture from Ancient Egypt to the 20th Century. (A requirement in the design track/scenic.)

**THE 4320 Theatre Of Myth And Ritual/Northern European (950-1600) & Oriental (400-1200) 6A MW LW (3) VP TAR**  
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. An investigation into the interrelationship of myth, ritual, and theatre. Considers northern European liturgical and secular plays as compared with Hindu, Chinese, and Japanese drama.

**THE 4330 Shakespeare For The Theatre 6A MW LW (3) VP TAR**  
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A close study of selected plays with special emphasis on their performance values.

**THE 4350 The 19th Century Theatre Revolution (3) VP TAR**  
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. Survey of the European art theatre revolution against the romantic realism of the commercial stage and its effect on subsequent theatre artistry.

**THE 4401 O’Neill And After 6A MW LW (3) VP TAR**  
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A course in the function of the script for the theatre artist who is interested in writing materials in the context of American Theatre from 1915 to 1964.

**THE 4434 Caribbean Theatre 6A MW LW (3) VP TAR**  
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. This course is a study of plays and popular theatrical forms of the Caribbean. The student will study the social and political forces that shape the culture of the Caribbean, the residual effects of the colonialism and the turbulence of independence as expressed in the dramatic art and theatre of the English-speaking West Indies."
THE 4435 Theatre Of Pluralism 6A MW LW (3) VP TAR
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. The practice of theatre as it reflects cultural heritage, gender, race and sexual orientation. Study of contemporary scripts, critical and artistic statements.

THE 4442 Comedy Of The Classic And Neo-Classic Stage 6A LW (3) VP TAR
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A study of comedic function in scripts from Greek and Roman. Reformation and French Neo古典ism to late 17th century and other plays from the late 18th and late 19th centuries which reflect similar characteristics.

THE 4480 Drama-Special Topics (3) VP TAR
PR: THE 3110 or THE 3111. Open to upper level non-majors with CI. A study of a significant playwright or group of playwrights, e.g. Moliere, Brecht, recent American dramatists.

THE 4562 Contemporary Performance Theory 6A MW LW (3) VP TAR

THE 4593 Honors Seminar (2) VP TAR
Enrollment limited to upper level majors who have been formally admitted to the department honors program. Not available S/U. Readings in the literature, history and theory of the theatre, preparation for Theatre Honors Practicum. Past topics have included New German Theatre, Popular Theatre, New American Theatre, Jacobean Theatre.

THE 4594 Honors Practicum (3) VP TAR
PR: THE 4593. Honors Practicum grows out of the Honors Seminar and engages students in workshops or production with guest artists. Past artists have included the Free Theatre of Munich, the San Francisco Mime Troupe, playwrights Eric Overmeyer, Jeff Jones and Gary Hill.

THE 4761 Methods of Teaching Theatre for Adolescents (3) VP EDD
Methods of effective drama and theatre instruction in middle school, junior and high schools, recreation centers, community, and professional theatres.

THE 4905 Directed Studies (1-4) VP TAR
Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.

THE 4930 Selected Topics In Theatre (1-8) VP TAR
PR: CI. The content of the course will be governed by student demand and instructor interest. May be lecture or class discussion or studio format.

THE 5094 Directed Studies (1-6) VP TAR
PR: CI and CC. Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.

THE 5931 Selected Topics In Theatre (1-8) VP TAR
PR: CI. The content of the course will be governed by the student demand and instructor interest. May be lecture or class discussion or studio format.

TPA 2200 Introduction To Technical Theatre I (3) VP TAR
CR: TPA 2290L or CI. An introductory course in technical production including coursework in the areas of scenic construction, theatre production/organization, and sound. Required for Theatre majors. Requires sequential semester enrollment with TPA 2211 and TPA 2291L. Open to non-majors.

TPA 2211 Introduction to Technical Theatre II (3) VP TAR
CR: TPA 2291L or CI. An introductory course in technical production including stage lighting, costume construction, and sound. Required for Theatre majors. Requires sequential semester enrollment with TPA 2211 and TPA 2291L. Open to non-majors.

TPA 2248 Workshop In Stage Makeup (1) VP TAR
Beginning theory and practice in make-up for the stage. Open to non-majors. Theatre majors given preference. A studio course.

TPA 2291L Technical Theatre Lab I (1) VP TAR
CR: TPA 2211 or CI. A practical laboratory involving the pre-performance preparation of all technical aspects of a major production such as: painting, sewing, lighting, and sound. Students are assigned to two areas of study per semester. Required of all Theatre Majors. Open to non-majors.

TPA 2291L Technical Theatre Lab II (1) VP TAR
CR: TPA 2211 or CI. A practical laboratory involving the pre-performance preparation of all technical aspects of a major production such as: painting, sewing, lighting, and sound. Students are assigned to two areas of study per semester. Required of all Theatre Majors. Open to non-majors.

TPA 2292 Production Involvement I (1) VP TAR
PR: TPA 2200, TPA 2290L, TPA 2211, TPA 2291L or CI. The rehearsal, construction, and performance of major theatrical works. Assignments are made by a faculty committee following the students completion of a PI request form, available in the Theatre Office, and enrollment in this course.

TPA 3208 Drafting and CAD I (3) VP TAR
PR: TPA 2200, TPA 2211, TPA 2290L and TPA 2291L. Open to non-majors. This course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an introduction to the various aspects of design including: two and three dimensional design, basic presentation and visual communication skills, research, and project analysis/organization.

TPA 3211 Lighting Construction (3) VP TAR
PR: TPA 2200, TPA 2211, TPA 2290L and TPA 2291L. The course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an opportunity to develop skills and techniques in the visual realization of various aspects of lighting and visual communication skills, research, and project analysis/organization. Open to non-majors.

TPA 3231 Drafting and CAD II (3) VP TAR
PR: TPA 2208 or CI. A practical course in the drafting of patterns for costume assembly. Materials, skills, and techniques for construction of costumes and costume accessories will be treated. Included topics are millinery, footwear, jewelry, masks, armor, and weapons. Open to non-majors.

TPA 3251 Drafting and CAD III (3) VP TAR
PR: TPA 2208. Continuation of TPA 2208. The course will include lectures, demonstrations, field trip(s), individual student presentations, and studio activities. The course work will provide an opportunity to develop your skills and techniques in the visual realization of various design and technical drawings. Open to non-majors.

TPA 3265 Sound For The Stage (3) VP TAR
PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. Basic study of audio components, fundamental properties of sound, reproduction and reinforcement. Methods and techniques used in theatre to create sound effects.

TPA 3296 Design Practicum (2) VP TAR
PR: TPA 3008. This is a studio/laboratory course in the practical aspects of production. The course is intended to provide realized production experience to the advanced theatre design student in such areas as costume, lighting, and scenic design; stage properties design; technical direction; and theatrical production craft/skill areas. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPA 3361 Stage Management (2) VP TAR
PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. A practical course in the working organizational function of the stage manager in theatre, dance, opera, and other live performance situations. Open to non-majors.

TPA 3384 Graphic Design (2) VP TAR
PR: TPA 3008 and TPA 3208 plus two of TPA 3231, TPA 3221, or TPA 3251. TPA 4011 will include studio design project activities in the areas of costume, scenic design and graphic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4011 Design Studio I (3) VP TAR
PR: TPA 4011. This course will include studio design project
activities in the areas of costume, lighting, and scenic design. The course will address the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design. Evaluation of the project will emphasize the process followed in the development of the design including thumbnail/idea sketches, research, and production concept. The course will include seminar (production) discussions, lectures, demonstrations, individual and group work, and individual student presentations.

TPA 4093 Production Line I (1) VP TAR
PR: TPA 3012. This course will include studio design project activities in an individual’s selected primary and secondary areas of costume, lighting, and/or scenic design. The course will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4273 Stage Properties: Techniques And Materials Studio (2) VP TAR
PR: TPA 3007. Open to upper level non-majors with CI. A practical course in the painting of stage scenery: media and application.

TPP 2190 Studio Theatre Performance I (1) VP TAR
PR: TPP 2190. A practical laboratory involving the rehearsal and performance of a major production. Activities may include acting, directing, stage management, and the activities of the performance production crews. Placement by audition. If cast in production student must accept role. Required of all Theatre majors. May be repeated. Open to non-majors with CI.

TPP 2110 Voice-Body-Improvisation (3) VP TAR
PR: TPP 2110 or CI. A concentrated laboratory on freeing the breathing muscles used on the formation of speech sounds. An emphasis is placed on the integration of body, voice, mind and emotions. This course will be team taught by the Performance faculty.

TPP 3920 Acting Studio I (8) VP TAR
PR: TPP 3920. A course in Acting Studio I with greater emphasis on addressing individual needs in order to explore emotionally complex characters and scenes in an intensive and systematic way. This course will be team taught by the Performance faculty.

TPP 4193 Studio Theatre Performance II (1) VP TAR
PR: TPP 2190. A practical laboratory involving the rehearsal and performance of a major production. Activities may include acting, directing, stage management, and the activities of the performance production crews. Placement by audition. If cast in production student must accept role. Required of all Theatre majors. May be repeated. Open to non-majors with CI.

TPP 4220 Audition Workshop for Actors (2) VP TAR
PR: TPP 3155 or TPP 3921. Preparation for professional audition; discussion of professional objectives.

TPP 4310 Directing I (3) VP TAR
PR: TPP 3155 or TPP 3230. An elective sequence in directing. A workshop course in which the student first explores the basic tasks of the director by preparing and directing one or two scenes in intimate complex scene work in a variety of styles and finally proceeds to the short play or theatre pieces.

TPP 4311 Directing II (3) VP TAR
PR: TPP 4310 and CI. An elective sequence in directing. A workshop course in which the student first explores the basic tasks of the director by preparing and directing one or two scenes and then progresses to more complex scene work in a variety of styles and finally proceeds to the short play or theatre pieces.

TPP 4600 Writing For The Theatre (3) VP TAR
PR: TPP 3110 or THE 3111. An elective sequence in writing, in which the student first encounters the problems unique to dramatic language and situation, then progresses to complexities of character, plot, and stage dynamics. Normally the aim would be to complete several performance-worthy self-contained scenes.

TPP 4920 Senior Workshop For Actors (3) VP TAR
PR: TPP 2500, TPP 3790, TPP 3155, or TPP 3921. A workshop in advanced vocal and movement techniques.

TPP 4923 Music Theatre Workshop (3) VP TAR
PR: TPP 2110 and audition. Open to non-majors by audition only. Exploration of Musical Theatre materials and performance techniques for the performer. Individual and ensemble work.

TSL 5321 ESOL Strategies for Content Area Teachers (3) AS WLE Course designed for public school teachers working with limited English Proficient (foreign) students in the classroom. The new ESOL requirements specify that this course be offered to content area teachers and to ESOL teachers.

TSL 5371 Methods of Teaching English As A Second Language (3) AS WLE Course designed for public school teachers working with limited English Proficient (foreign) students in the classroom. The new ESOL requirements specify that this course be offered to content area teachers and to ESOL teachers.
PR: TTE 4004. Techniques for the geometric route design of surface transportation systems; horizontal and vertical alignments; Spiral curves, super-elevations and earthwork analysis; drainage, soils, and a rigid and flexible pavement design; right-of-way acquisition and Environmental Impacts; site layout & design, and operation of alternative models including bus, air, rail, water, and pipeline facilities and terminals.

TTE 5205 Traffic Systems Engineering (3) EN EGX PR: TTE 4004 or equivalent. Traffic models, intersection analysis, capacity analysis, data methods collections, parking studies, volume and speed studies, freeway management, and advanced technologies.

TTE 5501 Transportation Planning and Economics (3) EN EGX PR: College Algebra & Cl. Fundamentals of urban transportation planning: trip generation, trip distribution, modal split, traffic assignment. Introduction to environmental impact analysis, evaluation an choice of transportation alternatives.

URP 4050 City Planning and Community Development (3) AS POL An introduction to the development, role, and components of city planning, and the political and actual policies of government in attempting to regulate or control urbanization.

URP 4052 Urban and Regional Planning (4) AS GPY PR: GEO 3402, GEO 3602. The geographic foundations of the modern city, metropolitan development, and the trend toward megalopolis. Examined are the political problems of conflicting jurisdictions at the local, county, state, national, and international levels.

URS 3002 Introduction to Urban Studies (3) AS ISS An interdisciplinary introduction to the process of urbanization in the United States and the diverse urban form it has created. Study of the Tampa Bay region is emphasized.

VIC 3001 Introduction to Video Communications (3) AS COM PR: MMC 2100 and MMC 3602. Survey of visual communication theory, techniques, and contemporary application in the visual media. Critical examination of visual communication in newspapers, magazines, television, motion pictures and new media.

VIC 3943 Visual Communication Practicum (1) AS COM PR: Senior standing and CI. For visual communications sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

WST 2250 Female Experience in America HP (3) AS WST The female experience in America, in historical context, with an emphasis on women in families of various classes, races, and ethnic groups from colonial times to 1870.

WST 2600 Human Sexual Behavior SS (3) AS WST The dynamics of human sexuality: biological, constitutional, cultural, and psychological aspects. The range of sexual behavior across groups. Sources of beliefs and attitudes about sex, including sex roles and especially human sexuality.

WST 3015 Introduction to Women’s Studies SS AF (3) AS WST Survey of major issues relevant to the female experience, the women’s movement: historical, psychological, sociological, anthropological perspectives.

WST 3210 European Feminist History: Pre-18th Century 6A HP (3) AS WST Survey of European feminist history prior to the 18th century (focusing primarily on Western Europe). Examines women’s lives, roles, ideas, as well as origins of Western attitudes toward relation of power to gender, race and class. No prerequisites.

WST 3220 European Feminist History: Enlightenment to the Present HP (3) AS WST A survey of European feminist history from the 18th century through the 20th century (focusing particularly on Western Europe). Examining women’s lives, roles and ideas, as well as the dominant attitudes toward women over this time period.

WST 3225 Women, Environment and Gender MW (3) AS WST Course designed to: provide students with a basic understanding of relationships between women’s physical, health and occupational environments; consider the position of women regarding environmental issues; examine role that women can and do play in affecting environmental change; and analyze concepts related to ecofeminism.

WST 3311 Issues in Feminism SS (3) AS WST Survey of major issues relevant to the female experience: marriage, divorce, sexuality, work, family, and parenthood; and status, and their implications for women’s lives, by 19th- and 20th-century theorists, and how adequately these various critiques address the intersections of gender, class, ethnicity, and race.

WST 4320 The Politics of Women’s Health (3) AS WST Explores current issues and concerns in the conceptualization and delivery of health information and health care for women from a feminist perspective, with a special emphasis on ways in which we can inform and help ourselves.

WST 4335 Women and Film (4) AS WST A study of representation of women in Hollywood films and the responses of feminist film theorists and filmmakers working in documentary, experimental and narrative modes.

WST 4350 Women and Science MW (3) AS WST An examination of selected issues related to women and the natural and physical sciences including: historical participation of women in science, current status of women in science, and feminist critiques of science as a discipline.

WST 4410 Third World Women Writers 6A LW (3) AS WST Women of the English major. Introduces the literature of women from various anglophone countries in Africa, the Caribbean, and South Asia; some U.S. writers will be included to represent a third world diasporic consciousness.

WST 4522 Classics in Feminist Theory MW (3) AS WST A study of classic contributions to the elaboration of feminist thought from the 18th century to the present in an attempt to discover the roots of the contemporary feminist movement. (May also be taken for credit in Philosophy.)

WST 4561 Contemporary Feminist Theory (3) AS WST PR: Completion of one upper division Women’s Studies course. An exposure to and an explication of a wide range of current feminist theories and debates, as well as an examination of the possible political and practical implications for various theoretical positions.

WST 4900 Directed Readings (1-3) AS WST PR: Registration requires instructor’s written consent and signed contracts from instructor of choice. To provide advanced students with interdisciplinary research experience in areas of specific interest.

WST 4910 Directed Research (1-3) AS WST PR: Registration requires written contract signed by student and instructor of choice. To provide advanced students with interdisciplinary research experience in areas of specific interest.

WST 4935 Seminar in Women’s Studies (3) AS WST PR: Women’s Studies Major and 24 credit hours in Women’s Studies. Recognizing the interplay between personal connections and intellectual experience, this capstone course is designed to focus on topical areas related to women’s studies and facilitate linking student learning experience to future plans.

WST 5308 Feminist Spirituality (3) AS WST Open to non-majors. Focuses on the many voices of contemporary feminist spirituality, emerging from women’s experiences in diverse cultures, ethnic and cultural traditions, and representing a range of theoretical perspectives from biblical feminism to goddess worship and wicca.

WST 5825 Internship in Women’s Studies (3) AS WST PR: Must have completed a basic interdisciplinary minor. Majors Only. All required courses in MA program, CC. Student placement in approved intern setting for a minimum of 150 hours of supervised experience. S/U. Department Approval Required.

WST 5914 Selected Topics (1-4) AS WST PR: DPR. Study of current research methods and scholarship on women from a multidisciplinary perspective.

WST 5940 Internship in Women’s Studies (3) AS WST Approved placement in an inter-disciplinary setting for a minimum of 150 hours of supervised experience. S/U only. PR: Majors Only. All required courses in MA program, CC. Permit.

YOR 1120 Yoruba I (4) AS WLE This course is designed to familiarize students with modern orthography and to develop skills in reading, writing, speaking, and confront barriers in education, the media and the criminal justice
understanding spoken Yoruba. Pronunciation in Yoruba and achieving basic communicative competence in the language are among the skills to be attained in the course.

ZOO 2303 Vertebrate Zoology (3) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. The origin, diversity, and adaptations of the vertebrates. Phylogenetic systematics (cladistics) will be used as the basis for determining evolutionary relationships of organisms. Monophyletic groupings provide a framework for examining behavior, physiology, and ecology in an explicit evolutionary context. Vertebrates common to Florida and the southeastern United States will be emphasized.

ZOO 3205C Advanced Invertebrate Zoology (4) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L. An introduction to the major invertebrate groups, with emphasis on local forms. Field work will be required. Lec.

ZOO 3323C Anatomy of Chordates (4) AS BIO

ZOO 3713C Comparative Vertebrate Anatomy (4) AS BIO

ZOO 4512 Sociobiology MW (3) AS BIO
This course is restricted to seniors. Not for major’s credit. An analysis of Animal and human behavior such as sex, territoriality, and aggression in the context of evolution.

ZOO 4513C Animal Behavior (3) AS BIO
PR: PCB 3043 or PCB 3063. An introduction to comparative animal behavior (Ethology), with emphasis on communication, social use of space, and behavioral evolution.

ZOO 4603 Animal Embryology (4) AS BIO

ZOO 4753C Histology (4) AS BIO
PR: PCB 3023 and PCB 3063. Comparative approach to the study of tissues and the relation of their structure and function. Lec.-lab.

ZOO 5235 Parasitology (3) AS BIO
PR: MCB 3020C, PCB 3023, PCB 3043, PCB 3063, ZOO 3205C, ZOO 4753C, CI. Fundamentals of animal parasitology and parasitism, the biology of selected animal parasites, including those of major importance to man.

ZOO 5456 Ichthyology (3) AS BIO
PR: Senior or GS in Biology; ZOO 3323C, CI. PCB 4674 is suggested. Evolution, systematics, structure, behavior, physiology, and ecology of fishes.

ZOO 5456L Ichthyology Lab (1) AS BIO
CR/PR: ZOO 5456 Laboratory portion of Ichthyology relating to evolution, systematics, structure, behavior, physiology and ecology of fishes.

ZOO 5463C Herpetology (4) AS BIO
PR: CI. Major aspects of amphibian and reptilian biology emphasizing fossil history, evolutionary morphology, sensory physiology, life history and reproductive behavior. Lec.-lab. Field trip.

ZOO 5555C Marine Animal Ecology (4) AS BIO
PR: PCB 3043, senior standing, CI. Investigation of energy flow, biogeochemical cycles, and community structure in marine environments. Lec.-lab.
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