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.

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.
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 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
974-2450
http://www.ups.usf.edu/advising/advising_v/index.html

Academic Advising (for upperclassmen)
Arts & Sciences, BEH 201
974-6957
http://www.cas.usf.edu/
Business Admin., ESN 1406
974-4290
http://www.coed.usf.edu/
Education, EDUC106
974-1804
http://www.coed.usf.edu/eng/main.aspx
Nursing, MDN 1036
974-2191
http://nursing.usf.edu/nursing/index.html
Visual and Performing Arts, FAH 1120
974-3660
http://www.art.usf.edu/

Academic Support and Accommodations for Students with Disabilities
Coordinator, SVC 1133
974-4309 (voice) 974-5651 (TDD)
http://www.asasd.usf.edu/

Applications and Admissions
Office of Admissions, SVC 1036
974-3350
http://usfweb2.usf.edu/admissions/

Athletics (Intercollegiate)
Director of Athletics, ATH 100
974-2155
http://usfweb2.usf.edu/Sports/main.asp

Career Development
Counseling Center for Human Development, SVC 2124
974-2831
http://usfweb2.usf.edu/counselor/

Counseling
Cooperative Education Program, SVC 2088
974-2171
http://usfweb2.usf.edu/counselor/

Continuing Education Courses and Conferences
Continuing Education, NEC 115
974-2403
http://www.usf.edu/conted/

Counseling
Counseling Center for Human Development, SVC 2124
974-2831
http://usfweb2.usf.edu/counselor/

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

English Language Institute
CPR 107
974-3433
http://njestud.usf.edu/eli

Financial Assistance (scholarships, loans, employment)
Office of Financial Aid, SVC 1102
974-4700
http://usfweb2.usf.edu/finaid

Graduate Schools
Office of the Dean, BEH 304
974-2846
http://www.grad.usf.edu/

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

Honors College
Office of the Dean, SVC 1088
974-3087
http://honors.usf.edu/

Housing
Campus Residence Halls
Office of Residence Life, RAR 229
974-0001
http://usfweb2.usf.edu/housing/

Housing: Off-Campus
Student Resource Agency Student Government, MC 240
974-7613

International Student and Scholar Services
Office of the Advisor, CPR 469
974-5102
http://cyber.comp.usf.edu/iss/

Library Resources
Tampa Campus:
Circulation
(813) 974-1611
Reference
(813) 974-2729
http://usfweb2.usf.edu/parking_services/default.asp

Pre-Admission Advising for Prospective Freshman, International, Mature, Minority, and Transfer Students
Office of Admissions, SVC 1036
974-3350
http://usfweb2.usf.edu/admissions/counselers.html

Reading Study Skills
Counseling Center, LEARN Program, SVC 2124
974-9281
http://usfweb2.usf.edu/reading/

Records, Registration
Office of the Registrar, SVC 1034
974-2000
http://www.registrar.usf.edu/

Student Affairs
Office of the Vice President, ADM 151
974-5533
http://studentaffairs.usf.edu/

Transcripts USF
Office of the Registrar, SVC 1034
974-2000
http://usfweb2.usf.edu/parking_services/default.asp

Tuition Waiver For Senior Citizens
Office of the Registrar, SVC 1034
974-2403
http://usfweb2.usf.edu/parking_services/default.asp

Undergraduate Studies
Office of the Dean, SVC 2002
974-4051
http://usfweb2.usf.edu/orientation/

University Experience Program
Office of the Coordinator, SVC 2031
974-4183
http://www.usf.edu/ue/index.html

University Police
Emergencies
911
http://upolice.up.usf.edu/

Veterans Services
Office of Veterans Services, SVC 2127
974-2291
http://usfweb2.usf.edu/vetservice/
# Academic Calendar for Undergraduate Students

## Fall Semester, 2006

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1</td>
<td>Sunday</td>
<td>Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>February 28</td>
<td>Tuesday</td>
<td>Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>April 15</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>Saturday</td>
<td>Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)</td>
</tr>
<tr>
<td>August 28</td>
<td>Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>September 1</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>September 1</td>
<td>Friday</td>
<td>Last day to add courses - Deadline: 5:00 p.m.</td>
</tr>
<tr>
<td>September 1</td>
<td>Friday</td>
<td>Last day for late registration - Deadline: 5:00 p.m.</td>
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<tr>
<td>September 1</td>
<td>Friday</td>
<td>Last day to pay fees</td>
</tr>
<tr>
<td>September 4</td>
<td>Monday</td>
<td>Labor Day Holiday</td>
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<tr>
<td>September 8</td>
<td>Friday</td>
<td>CLAST Registration Deadline</td>
</tr>
<tr>
<td>September 22</td>
<td>Friday</td>
<td>Graduation Application Deadline</td>
</tr>
<tr>
<td>September 23</td>
<td>Saturday</td>
<td>Rosh Hashanah Begins</td>
</tr>
<tr>
<td>October 2</td>
<td>Monday</td>
<td>Yom Kippur</td>
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<tr>
<td>October 7</td>
<td>Saturday</td>
<td>CLAST Administration Day</td>
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<tr>
<td>November 3</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>November 10</td>
<td>Friday</td>
<td>Veteran’s Day Holiday celebrated</td>
</tr>
<tr>
<td>November 23-24</td>
<td>Thursday-Friday</td>
<td>Thanksgiving Holidays</td>
</tr>
<tr>
<td>December 8</td>
<td>Friday</td>
<td>Classes End</td>
</tr>
<tr>
<td>December 9-15</td>
<td>Saturday-Friday</td>
<td>Final Examinations</td>
</tr>
<tr>
<td>December 15</td>
<td>Friday</td>
<td>Commencement (Lakeland)</td>
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<tr>
<td>December 16</td>
<td>Saturday</td>
<td>Commencement (Tampa)</td>
</tr>
<tr>
<td>December 17</td>
<td>Sunday</td>
<td>Commencement (St. Petersburg)</td>
</tr>
<tr>
<td>December 17</td>
<td>Sunday</td>
<td>Commencement (Sarasota)</td>
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## Spring Semester, 2007

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>June 30</td>
<td>Friday</td>
<td>Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>October 1</td>
<td>Sunday</td>
<td>Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents</td>
</tr>
<tr>
<td>September 30</td>
<td>Saturday</td>
<td>Application Deadline for First Time In College Students for Spring Semester (New Freshmen)</td>
</tr>
<tr>
<td>November 15</td>
<td>Wednesday</td>
<td>Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)</td>
</tr>
<tr>
<td>January 8</td>
<td>Monday</td>
<td>Classes begin</td>
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<tr>
<td>January 12</td>
<td>Friday</td>
<td>Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.</td>
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<tr>
<td>January 12</td>
<td>Friday</td>
<td>Last day to add courses - Deadline: 5:00 p.m.</td>
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<tr>
<td>January 12</td>
<td>Friday</td>
<td>Last day for late registration - Deadline: 5:00 p.m.</td>
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<tr>
<td>January 12</td>
<td>Friday</td>
<td>Last day to pay fees</td>
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<tr>
<td>January 15</td>
<td>Monday</td>
<td>Martin Luther King Holiday</td>
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<tr>
<td>January 19</td>
<td>Friday</td>
<td>CLAST Registration Deadline</td>
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<tr>
<td>February 2</td>
<td>Friday</td>
<td>Graduation Application Deadline</td>
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<tr>
<td>February 17</td>
<td>Saturday</td>
<td>CLAST Administration Day</td>
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<tr>
<td>March 12-17</td>
<td>Monday-Saturday</td>
<td>Spring Semester Break</td>
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<tr>
<td>March 23</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>April 15</td>
<td>Sunday</td>
<td>Application deadline for First Time in College Students for Fall Semester 2007 (New Freshmen)</td>
</tr>
<tr>
<td>April 27</td>
<td>Friday</td>
<td>Classes End</td>
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<tr>
<td>April 28-30</td>
<td>Saturday - Friday</td>
<td>Final Examinations</td>
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<tr>
<td>May 5</td>
<td>Saturday</td>
<td>Commencement (Tampa)</td>
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<tr>
<td>May 6</td>
<td>Sunday</td>
<td>Commencement (St. Petersburg)</td>
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<td>May 6</td>
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<td>Commencement (Sarasota)</td>
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<tr>
<td>May 7</td>
<td>Monday</td>
<td>Commencement (Lakeland)</td>
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**SUMMER TERM, 2007**

<table>
<thead>
<tr>
<th>SESSION A (First Six-week Session)</th>
<th>JANUARY</th>
<th>FEBRUARY</th>
<th>MARCH</th>
<th>APRIL</th>
<th>MAY</th>
<th>JUNE</th>
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<thead>
<tr>
<th>SESSION B (Second Six-week Session)</th>
<th>SESSION C (Ten-week Session)</th>
<th>APRIL</th>
<th>MAY</th>
<th>JUNE</th>
<th>JULY</th>
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| **August 11**                      |                               |       |     |      |      |        |
| Saturday                            |                               |       |     |      |      |        |

**Summer Commencement (Tampa) - Tentative Date**

<table>
<thead>
<tr>
<th><strong>Summer Commencement (Tampa) - Tentative Date</strong></th>
<th><strong>Summer Commencement (Tampa) - Tentative Date</strong></th>
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<tr>
<td><strong>SUMMER TERM, 2007</strong></td>
<td><strong>SUMMER TERM, 2007</strong></td>
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<tr>
<td><strong>SESSION A (First Six-week Session)</strong></td>
<td><strong>SESSION A (First Six-week Session)</strong></td>
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<tr>
<td><strong>SESSION B (Second Six-week Session)</strong></td>
<td><strong>SESSION B (Second Six-week Session)</strong></td>
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<tr>
<td><strong>SESSION C (Ten-week Session)</strong></td>
<td><strong>SESSION C (Ten-week Session)</strong></td>
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</tbody>
</table>

**Application Deadline for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents**
**ACCREDITATION**

The University of South Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the baccalaureate, master’s, specialist, and doctoral levels, including the Doctor of Medicine.

**DEGREES* OFFERED**

**AT THE UNIVERSITY**

<table>
<thead>
<tr>
<th>Undergraduate Degrees</th>
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<th>Graduate Degrees</th>
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<th>Advanced Graduate Degrees</th>
<th>Professional Degree</th>
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<tbody>
<tr>
<td>Bachelor of Arts</td>
<td>B.A.</td>
<td>Master of Industrial Engineering</td>
<td>M.I.E.</td>
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<tr>
<td>Bachelor of Fine Arts</td>
<td>B.F.A.</td>
<td>Master of Liberal Arts</td>
<td>M.L.A.</td>
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<tr>
<td>Bachelor of Music</td>
<td>B.M.</td>
<td>Master of Mechanical Engineering</td>
<td>M.M.E.</td>
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<tr>
<td>Bachelor of Science</td>
<td>B.S.</td>
<td>Master of Music</td>
<td>M.M.</td>
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<tr>
<td>Bachelor of Science in Applied Science</td>
<td>B.S.A.S.</td>
<td>Master of Public Administration</td>
<td>M.P.A.</td>
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<tr>
<td>Bachelor of Science in Chemical Engineering</td>
<td>B.S.C.H.</td>
<td>Master of Science</td>
<td>M.S.</td>
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<tr>
<td>Bachelor of Science in Civil Engineering</td>
<td>B.S.C.E.</td>
<td>Master of Science in Bioinformatics and Computational Biology</td>
<td>M.S.B.C.B.</td>
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<tr>
<td>Bachelor of Science in Computer Engineering</td>
<td>B.S.C.P.</td>
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<tr>
<td>Bachelor of Science in Computer Science</td>
<td>B.S.C.S.</td>
<td>Master of Science in Biomedical Engineering</td>
<td>M.S.B.E.</td>
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<tr>
<td>Bachelor of Science in Electrical Engineering</td>
<td>B.S.E.E.</td>
<td>Master of Science in Chemical Engineering</td>
<td>M.S.C.H.</td>
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<td>Bachelor of Science in Engineering</td>
<td>B.S.E.</td>
<td>Master of Science in Civil Engineering</td>
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<tr>
<td>Bachelor of Science in Industrial Engineering</td>
<td>B.S.I.E.</td>
<td>Master of Science in Computer Engineering</td>
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<tr>
<td>Bachelor of Science in Information Systems</td>
<td>B.S.I.S.</td>
<td>Master of Science in Computer Science</td>
<td>M.S.C.S.</td>
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<tr>
<td>Bachelor of Science in Information Technology</td>
<td>B.S.I.T.</td>
<td>Master of Science in Electrical Engineering</td>
<td>M.S.E.E.</td>
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<tr>
<td>Bachelor of Science in Mechanical Engineering</td>
<td>B.S.M.E.</td>
<td>Master of Science in Engineering</td>
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<tr>
<td>Bachelor of Social Work</td>
<td>B.S.W.</td>
<td>Master of Science in Engineering Management</td>
<td>M.S.E.M.</td>
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<tr>
<td>Master of Accountancy</td>
<td>M.Acc.</td>
<td>Master of Science in Industrial Engineering</td>
<td>M.S.I.E.</td>
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<tr>
<td>Master of Architecture</td>
<td>M.Arch.</td>
<td>Master of Science in Mechanical Engineering</td>
<td>M.S.M.E.</td>
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<tr>
<td>Master of Arts</td>
<td>M.A.</td>
<td>Master of Science in Medical Sciences</td>
<td>M.S.M.S.</td>
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<tr>
<td>Master of Arts in Bioethics and Medical Humanities</td>
<td>M.A.B.M.H.</td>
<td>Master of Science in Physical Therapy</td>
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<tr>
<td>Master of Arts in Teaching</td>
<td>M.A.T.</td>
<td>Master of Science in Public Health</td>
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<td>Master of Business Administration</td>
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<td>Master of Chemical Engineering</td>
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<tr>
<td>Master of Civil Engineering</td>
<td>M.C.E.</td>
<td>Education Specialist</td>
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<tr>
<td>Master of Computer Engineering</td>
<td>M.C.P.</td>
<td>Doctor of Audiology</td>
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<td>Master of Computer Science</td>
<td>M.C.S.</td>
<td>Doctor of Education</td>
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<tr>
<td>Master of Education</td>
<td>M.Ed.</td>
<td>Doctor of Philosophy</td>
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<tr>
<td>Master of Electrical Engineering</td>
<td>M.E.E.</td>
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<td>Master of Engineering</td>
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<tr>
<td>Master of Fine Arts</td>
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<td>Doctor of Medicine</td>
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<tr>
<td>Master of Health Administration</td>
<td>M.H.A.</td>
<td>*See index for individual degree programs</td>
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*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.*
UNIVERSITY OF SOUTH FLORIDA

USF 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

The University of South Florida is the country’s third largest university in the southeast and is among the top 20 largest in the nation with more than 43,000 students enrolled at campuses in Tampa, St. Petersburg, Sarasota/Manatee and Lakeland, as well as centers in downtown Tampa, New Port Richey and northern Pinellas County.

USF is a Doctoral Research (Extensive) University with a strong focus in medical treatment and research, bioengineering and life sciences and the arts. USF generated more than $290 million in research grants last year and is a powerful economic engine in the region with a budget of more than $1 billion.

The university offers more than 200 degrees programs at the undergraduate masters’ and specialist and doctoral levels, including the doctor of medicine. USF awarded more than 5,400 bachelor’s degrees, 2,000 master’s degrees and 175 doctorates in 32 fields last year. USF has the second largest graduate certificate enrollment in the country.

Founded in 1956, USF opened its doors in 1960 to 2,000 students. Today, students come to USF from every state in the nation and more than 120 countries. They represent all ages, cultures and ethnic backgrounds. More than 30 percent of the student population is African American, Hispanic, Asian American, Native American or other ethnicity.

USF is the university of choice for many of the nation’s brightest students. They are taught by some 1,831 highly regarded faculty who are products of the world’s most prestigious colleges, universities and research institutions.

USF ranks as one of the nation’s top centers for researching new treatments for Alzheimer’s, Parkinson’s and Huntington’s diseases. The university has pioneered the concept of brain repair – replacing cells in the brain to help fix damage from illness or injury.

USF is the second university in the nation to create a School of Aging Studies. Research at the new school is focused on cognitive aging and Alzheimer’s disease.

USF has 10 colleges. The largest, The College of Arts and Sciences, houses several nationally ranked programs, such as the graduate program in Industrial/Organizational Psychology ranked 6th in U.S. News and World Report’s top graduate
schools for 2005. Other nationally ranked graduate programs include Education, Clinical Psychology and Rehabilitation Counseling.

Established in 2003, the Humanities Institute provides a wide range of scholarly exchanges, research opportunities, lectures and seminars with world-renowned thinkers and scholars in such classic disciplines as literature, classics, philosophy, the arts, history, languages, political thought, and religion. The Institute has been at the forefront of bringing many notable lecturers to the Tampa Bay community, including Pulitzer Prize-winning playwright Nilo Cruz and Mexican novelist and diplomat Carlos Fuentes.

The College of Education graduate more educators than any other university in Florida and is one of the largest colleges of education in the country. The college ranks in the top 60 graduate schools of education in the nation according to U.S. News & World Report.

USF has the largest MBA program in Florida. Its School of Accountancy CPA exam scores have placed USF among the top 10 universities more times than any other school in the country.

Research that drives and supports technological and economic development has earned USF a leadership role in microelectronics, information technology, applied physics, biophysics and urban transportation. The university is a leader in the Florida High Tech Corridor, an unprecedented partnership that includes more than 5,200 technology companies from the Space Coast to Tampa Bay.

The Honors College attracts motivated, bright students with some of the highest average SAT scores in the state.

In its 50-year history, USF has graduated more than 189,000 students. Ninety thousand alumni live in USF’s six-county service area.

DIVERSITY AND 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, disability or age is prohibited by University policies, federal and state laws. The USF system protects its faculty, staff, and students from discrimination and harassment based on sexual orientation. 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 172. 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 or the university equal opportunity policies.

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.

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 buildings, are currently valued at more than $800 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 multi-million dollar recreation center with two gymnasiums as well as a 6500 sq. ft. weight room, indoor pool, six handball racquetball courts and
various group fitness studios; three outdoor swimming pools; 22 lighted tennis courts; an 18-hole golf course; one running trail; three softball fields; four outdoor basketball and volleyball courts; and 10 lighted multi-purpose fields.

In St. Petersburg, students can enjoy an outdoor pool or take part in the waterfront program that features sailboats and canoes available for use. USF Sarasota-Manatee recently broke ground for the new Crosley Campus Center. The building, which will be approximately 100,000 square feet, will include classrooms, seminar and video conferencing room, computer labs and a 190-seat lecture hall. It will house administration, student services, faculty, food course and support many functions, including day care center for students with families. The new facility will be ready for fall 2006 classes.

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.

ADVOCACY PROGRAM

The Advocacy Program assists USF students, staff, faculty and visitors who experience actual or threatened violence/crime, trauma or abuse. Examples include: battery, assault, stalking, relationship violence, date/acquaintance/stranger rape, hate crimes or prior abuse.

Advocates are available 24 hours a day to provide crisis intervention, options, assistance and referrals by calling 974-5757. Police reports are not required to receive services and the Advocacy Program is not part of the police department. Services are free and private. Office hours are 8:00-5:00 Monday through Friday, although appointments are available after-hours Monday-Thursday.

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 OR 211
Admissions and Related Matters

University of South Florida - 2006/2007 Undergraduate Catalog

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 University. 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 transferability. Admission services are also available at all regional campuses.

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 the applicant is a degree-seeking student and has paid an application fee if the student is a degree-seeking student and has paid a $30 application fee.

General Admission Policies

Applying for admission

Obtaining an Application

The University of South Florida prefers all applicants to apply online. The online undergraduate admissions application may be found on the Office of Undergraduate Admissions web page at http://usfweb2.usf.edu/admissions/application.html. The application can also be downloaded and printed from the same web page. As part of the State University System (SUS) of Florida, USF also accepts the common SUS Application Form for undergraduates. Applicants who are attending a Florida high school or Florida community/junior college may obtain the SUS Application Form in school guidance offices.

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.

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.

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 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.

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, or St. Petersburg for students enrolled on that regional campus. (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 probationary status must accumulate 36 semester credits and maintain a minimum cumulative 2.0 grade point average (GPA) each term enrolled with no single term GPA below 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 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 (see Summer enrollment requirements). This requirement may be waived for students who earn a minimum of 9 credits through accelerated mechanisms (Advanced Placement, CLEP, International Baccalaureate, and dual enrollment). If less than 9 credits are earned through these mechanisms, the summer hours requirement will not be fulfilled.

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 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 (Rubella) 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. While many 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 limited access programs at USF furnish equal access to A.A. degree holders from Florida public community/junior colleges, transfers from other SUS institutions, and USF students of equivalent status. Transfer applicants with 90 or more transferable semester hours who are seeking admission to limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF.

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 Nursing. The requirements for these degree programs may be found in 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 selected for admission usually exceed the eligibility requirements; however, USF 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.

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, Dual Enrollment, 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 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 Assessment Test (SAT) or the American College Test (ACT). Applicants graduating from high school after January 1, 2006 will be required to submit an SAT score that includes the Essay component or an ACT score that includes the Writing component. Receipt of an SAT without Essay or ACT without Writing will not fulfill the test score requirement.
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 three additional units of academic electives.

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 requirements that may be found on the Undergraduate Admissions web homepage. Please refer to http://isis.fastmail.usf.edu/admissions for the current admission requirements. Admission to the University is selective; therefore, meeting requirements does not guarantee admission.

4. Applicants submitting a GED diploma must have an overall score of at least 300 for all five tests and at least 50 on each of the five tests. GED holders must also submit an SAT I or ACT score that will be considered in assessing the applicant’s probability of success. (also required of students in an approved home schooling program).

5. In the absence of the above, the University will also consider appropriate alternative evidence of academic achievement, ability, motivation and responsibility that indicates potential for successful academic work at USF.

6. 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.

7. First-time-in-college applicants seeking admission at the freshman level to a limited access degree program in Engineering must meet additional requirements specified by the program.

8. If a student has not earned the following minimum scores on the SAT I or the EACT, college preparatory work will be required during the first term of enrollment at USF:

   - SAT I - 440 verbal, 440 mathematics or
   - ACT - English 17, Reading 18, Mathematics 19.

USF Admissions Deposit

Freshmen admitted to the University of South Florida are required to submit a $200 non-refundable admission deposit according to the schedule below:

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<tr>
<th>Term</th>
<th>Admitted Date</th>
<th>Deposit Due Date</th>
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<tbody>
<tr>
<td>Fall</td>
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<td>May 1</td>
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<tr>
<td>Spring</td>
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<td>May 1</td>
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The admission deposit will be credited to the student’s account and applied toward their first semester tuition. Requests for waivers of the admission deposit will be considered on a case-by-case basis by the Director.

Admitted freshmen are encouraged to pay the deposit online via OASIS (USF’s Online Access Student Information System). Online payment is the University’s preferred payment method. Checks and money orders submitted to the Cashier’s Office (ADM 151) are also acceptable forms of payment.

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 high school. Pursuit of the Honors College Students enrolled in an early admission program must take courses that are creditable 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 purpose 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: commissions 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 “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 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
(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, 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 with a minimum 2.0 GPA 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 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.
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 supports potential for academic success at USF.

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 minimally meet the following requirements to be considered for admission; 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 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. 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 that is available at http://www.ugs.usf.edu/catalogs.htm. 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.
8. 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 Undergraduate Studies.

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 not regionally accredited may 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.
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 are automatically transferred and transfer 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, practicums, and performing arts courses such as dance, theater performance, voice, and instrumental music.
6. Virtually all USF 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 his/her intended major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specific articulated A.S. degree programs, consult the Office of Undergraduate Studies, B.S.A.S. Programs.
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 courses 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. International credentials must be evaluated by an independent evaluation service, with associated costs to be paid by the student.
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 admissions...
Transient Applicants

An international applicant whose native language is not English must present a minimum score of 80 (internet-based test), 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 evidence of English language proficiency is presented in writing.

International credentials must be evaluated by independent evaluators is available from the Office of International Admissions (http://web.usf.edu/iac/admissions).

All international applicants (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 80 (internet-based test), 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 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.

Financial Aid

Location/phone: SVC 2054, (813) 974-3060

Financial Aid 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.

Honors College

Tampa Campus

Academically talented 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 Honors College Four Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Invited students present at least a 3.7 high school GPA and 1270 SAT I or 29 EACT scores. Many scholarships are available for Honors students.

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 3.50 college GPAs. Many scholarships are available for Honors students.

Departmental Honors opportunities are available in select 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 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 first-year students, 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. 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
Other General Information

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. Senior citizens only are absolved from paying the $20 application processing fee. 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 must be sent to the USF Office of the Registrar (Attention: Registration and Records Area) prior to registration for classes that meet on campus.

Applicants denied admission to USF as degree-seeking students 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 to return 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.

Students accepted 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.

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/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 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 born after December 31, 1956 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.)

Early Admission & Dual Enrollment

Public/Private High/Home School

Through Early Admission, highly capable, mature high school students enrolled in a strong college-preparatory curriculum may enter the University as regularly enrolled, degree-seeking students prior to graduation from high school.

Students in the Early Admission program must take courses that are creditable toward the high school diploma and the associate or baccalaureate degree. Prospective applicants must:

1. have completed the equivalent of the junior year of high school, requiring one more year to complete requirements for the high school diploma;
2. have proof of a 1200 on the Quantitative and Verbal sections of the SAT II (the "new" SAT), with no less than 440 on the SAT II V (Verbal) and 440 on SAT II Q (Quantitative); or a 27 on the ACT with no less than or a score of 17 on English, 18 on the Reading, and 19 on Mathematics; and a 3.5 high school grade point average (computed by USF); and a TOEFL score, if applicable;
3. meet regular USF admission criteria for degree-seeking undergraduate students;
4. meet with USF Honors dean or academic advisor.

Early Admission & 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 and home schools who are recommended by their guidance counselor or principal. During dual enrollment students may only take courses which are creditable 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 II V (Verbal) and 440 on SAT II Q (Quantitative); or a score of 17 on EACT English, 18 on EACT Reading and a score of 19 on EACT Mathematics; or a university placement test score; 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 (SVC 1088, 4202 E. Fowler Avenue, Tampa, FL 33620) or visit http://honors.usf.edu/Admis_early.html for complete information.

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;
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 USF 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.)

Senior Citizen Tuition Waiver Program

Florida residents who are 60 years of age or older as of registration day, and must have lived in Florida for the last 12 months, may enroll on a space available basis in certain undergraduate and graduate courses without paying fees. The Senior Citizen Tuition Waiver covers a maximum of nine credit hours per term and is applicable only if the student registers for these courses during the designated registration period. Due to the non-degree seeking status, academic credit is not awarded, examinations are not required and grades are not assigned. A parking permit, purchased from Parking Services, is required.

Registration for the Senior Citizen Tuition Waiver Program is in the Phyllis P. Marshall Center, CTR 270. New students should bring proof of Florida residency such as a driver’s license, voter’s registration, or vehicle registration. All students should stop at the Visitor’s Information Center for a parking permit. More information about the program can be found at the Office of the Registrar’s website, www.registrar.usf.edu. Enter the word SENIOR in the “search” box.

Registration for all students will be on a first-come, first-serve basis once your paperwork is completed. You will receive a number, take a seat and be called by an Office of the Registrar representative so that you will not have to stand in line.

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 that is available at http://www.ugs.usf.edu/catalogs.htm. This catalog, prepared by the USF Office of Undergraduate Studies, explicitly describes the undergraduate program requirements that Florida’s community colleges 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. 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 Undergraduate Studies.
STUDENT AFFAIRS & 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 Office of the Vice President and eleven departments. A variety of programs and services are offered by the Student Affairs staff to provide opportunities for students to become involved in college life outside the classroom: advisors in residence hall, student organizations and Phyllis P. Marshall Center programs and activities, student government, student health education/wellness programs, and events of special interest. Of utmost importance, the Division of Student Affairs provides for the safety of students and employees.

The Student Affairs 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: health services, individual and/or group counseling, alcohol/drug education, procedures for redressing grievances, standards for students' conduct, due process in the event of disciplinary action, and advice and/or assistance in times of difficulty.

The staff of the Division of Student Affairs at USF 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, 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 of Student Affairs embraces a learning community in which each individual's primary identity as a person has worth and value. Individuals from diverse ethnic, racial, religious and social backgrounds will willingly interact 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 Disability Services

Location/phone: SVC 1133, Voice: (813) 974-4309; TDD: (813) 974-5651
Web address: http://www.sa.usf.edu/sds/
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: 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.
Parents Association

Location/phone: ALC 100, (813) 974-1907
Web address: www.usf.edu/parents

The Parents Association’s mission is to enhance the quality of life for students who attend the University of South Florida as well as provide a focal point for developing and implementing programs that will involve parents and legal guardians in ways that are meaningful to them and beneficial to the University.

The Parents Association provides a forum for parents to obtain information, ask questions and offer suggestions; serves as an advocate on issues; consistently communicates with parents; enhances the student experience; and supports the mission and priorities of the University.

Parents may become involved by joining the Association or one of its committees: Career, Family Weekend, Membership, Student Life, Student Recruitment and the Parents Fund.

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

Student Affairs

Student Affairs 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 and Parent Relations is a student-oriented office that serves the USF community in an ombudsman’s role for student services. Student and Parent Relations assists with university related issues in which resolution is needed. The office also deals with peer mediation and advocacy for students experiencing crisis. It strives to maintain a high level of respect, trustworthiness, and responsiveness to students.

Counseling Center

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

The Counseling Center is a comprehensive, student-oriented facility meeting the mental health needs of students. 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, greater 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 L.E.A.R.N. Program (Learning Enhancement and Academic Resources Network) offers a student-centered environment dedicated to helping students develop their academic skills and strategies for success in college and life-long learning. Support is provided through three accredited courses: Critical Reading and Writing (REA 2105), which also qualifies as a Gordon Rule requirement; Learning Strategies (REA 1605), and Academic Strategies (REA 2930), offered at mid-semester for students who are performing below expectations. Additionally, a variety of free workshops are offered each semester, which focus on specific learning strategies such as textbook reading, test-preparation and test-taking, note-taking, and time management.

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 as part of the counseling process.

The Outreach and Workshop Program offers a Student Success Series of workshops and groups on a variety of topics such as life planning, stress management, test and performance anxiety, relationships, anger management, depression, and self-esteem. Workshops are listed in the Oracle and available for each semester posted on the Counseling Center’s web site. Consultations and liaison are maintained with student groups and faculty.

The Center for Addiction and Substance Abuse (CASA) is a source of information, educational programming, consultation, and therapy for addiction and substance abuse concerns for the USF community. CASA consultation and education services include presentations for campus groups or classes, consultation with campus organizations and committees, and informational materials. CASA clinical services include assessment of addiction or substance abuse problems, consultation, intervention, referrals, and individual and group therapy resources. CASA also provides the Alcohol 101 and Attitudes and Alternatives Program for students in violation of University alcohol and other drug policy.

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 serves as information and referral resources. Veterans Services was established to act as a liaison, whenever possible, between the VA students and the USF Campus. 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). For further information, contact the staff in SVC 2127, call 974-2291, or visit our web page (http://usfweb.usf.edu/vetservice/).

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. For additional information, please call 974-2002.

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 board certified primary care physicians, 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. USF Tampa Campus students are 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)
- 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
- 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 with a reliable health insurance company to provide USF students with affordable student health insurance plans 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 Department 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, STIs, 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 Florida Department of Health 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 1989 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) 974-0001.
Office Hours: Monday through Thursday, 9:00 a.m. - 5:00 p.m. and on Fridays from 10:00 a.m. - 4:00 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 residence 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, Cypress, 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 Halls 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 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.

The Andros Complex consists of nine smaller halls with suite arrangements. Delta, Eta, Epsilon, Kappa and Zeta Halls are double occupancy while Iota, Lambda, Mu and Theta are single occupancy. Theta hall is designated as the Leadership House, a program for students interested in leadership development. Each suite includes a study area and bathroom shared by 4 (single occupancy) or 8 (double occupancy) residents of the suite.

Cypress and Maple Halls also provide suite style living. These halls offer double bedrooms with a shared bathroom space between two rooms (4 people). Holly, Magnolia and Cypress Apartments offer opportunities for students to live in apartment style housing including 4 single bedroom apartments with living room, kitchen, and two bathrooms. A limited number of 2 bedroom unfurnished family units are available in Magnolia for students who are married or have children.

Kosove Apartments offers apartment accommodations housing 2-5 people in both double and single bedrooms. Students share a living room, kitchenette, and one bathroom.

Greek housing is available for fourteen recognized fraternities and sororities on campus. Each Greek housing unit houses 20-28 students and consists of double room accommodations with community bathrooms and a large living room/kitchen space.

All student housing is air-conditioned and carpeted. All rooms are furnished with a bed, desk, chair, dresser and closet for each resident. Apartment style halls include a couch and chair in the living area. All rooms provide basic telephone service, voice mail, cable TV, 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 have the opportunity to become involved in planning activities for their hall by joining the Residence Hall Association.
Off-Campus Housing
Location/phone: Marshall Center 240, (813) 974-7613
Email: offcampushousing@sg.usf.edu
Office Hours: Monday - Friday 9 a.m. – 5 p.m.
The Off Campus Housing Office maintains lists of university-area apartments, 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 desire to use the house of slate, college, or national origin. The office is open throughout the year. You may also search the on-line apartment listings on our website at www.sg.usf.edu/offcampus

Phyllis P. Marshall Center
Location: In the center of campus, adjacent to the Bookstore
Web address: www.ctr.usf.edu
The Phyllis P. Marshall Center is the student union at USF. As the student union, it serves as the focal point for daily activity for students, staff, faculty, alumni and visitors. The Marshall Center seeks to add another dimension to campus life by providing programs, events, services and other extra-curricular activities to add to the overall experience at USF. It is the place to meet with friends, relax and unwind between classes and study sessions. It’s where one can go grab a bite to eat, get involved in student organizations, play a game of pool and much more.

Student Activities, housed in the Marshall Center, provides many of the social activities on campus. From Patio Tuesdays to concerts and shows to community service projects, Student Activities has plenty of activities for the campus to enjoy. Whether it’s the Campus Activities Board, Greek Life, Leadership Studies, Volunteer USF, Homecoming or the Office of Multicultural Activities, there are many social activities to enjoy on campus. Many events take place throughout the Marshall Center, MLK Plaza and the Special Events Center.

On the first floor is the Tampa Room Food Court. With a variety of offerings including pasta, pizza, Chick-Fil-A, sandwiches, salads and sushi, the Tampa Room is great stop on campus. Other dining venues in the Marshall Center include Einstein Bros. Bagels, Freshens Smoothie Company and the fourth floor, all-you-can-eat buffet, On Top of the Palms.

Also in the lounge is the USF ID Card Center, where students, staff and faculty acquire their university ID cards. A satellite branch of the USF Federal Credit Union is also located on the first floor with teller windows and two ATM’s. The first floor also includes STA Travel Agency, a cellular phone kiosk and a box office for ticket sales.

USF Dining Services office is located on the lower level of the Marshall Center which student go to sign up for meal plans and declining balance accounts for use at USF Dining Services locations throughout campus.

Through the main doors of the Marshall Center is the Information Desk. The Information Desk provides phone numbers, directions, bus route information and more. It is also where the Bull Market desk can be found. The Bull Market is held every Wednesday on Sessum’s Mall near Cooper Hall.

The Marshall Center offers a wide variety of events, programs and services for the entire USF community.

Special Events Center
Location/phone: CTR 246, (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/phone: CTR 203, (813) 974-2401
Web address: www.sg.usf.edu
Any registered student may apply for membership in Student Government (SG) which consists of over 150 elected, appointed, and hired students. SG is made up of three branches: the Executive (President, Vice President, and Cabinet Officers), Legislative (Student Senate), and Judicial (Supreme Court). SG also employs several Agencies to serve student needs including SAFE Team, Student Resource Agency, WBUL Radio, and SG Computer Services. Student Government represents all student interests in programs, plans, policies, and procedures of the University and secures student representation to University governance. SG allocates and oversees the Activity & Service Fee Fund (over $8.2 million) which supports the Marshall Center, Campus Recreation, The Oracle newspaper, Campus Activities Board, University Lecture Series, SG Branches and Agencies, College Councils, and over 130 student organizations. Student Government strives to assist students with any type of grievance, so please take the time to get to know your Student Government and find out how they can serve you.

Student Activities
Location/phone: CTR 215, (813) 974-7595
Office Hours: Monday through Thursday, 8 a.m. – 6 p.m. and Fridays 8 a.m. – 5 p.m.
Student Activities provides advising and activities for students to experience growth outside the classroom. Through activities, programs, events, workshops and courses, Student Activities provides opportunities to learn intellectually, socially and emotionally as a part of the experience at USF. The Leadership Studies program through Student Activities gives students an opportunity to study the skills it takes to become a leader.

Departments comprised mainly of students plan and execute a variety of programs including lectures, concerts, convocations and more. Student Activities departments include Campus Activities Board (CAB), Greek Life, Homecoming, Leadership Development, Office of Multicultural Activities, University Lecture Series (ULS) and Volunteer USF. Professional advisors are on staff to help students with the wide variety of programs each year.

There are also more than 300 registered student organizations on campus. From honors councils to multicultural organizations and recreational organizations there are a variety to choose from. It’s also very easy to start a student organization. Visit the Student Activities web site for a list of organizations and information to start a new organization; www.ctr.usf.edu/sa.

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 215 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. The department’s website is: www.usf.edu/campusrec.

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 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.ssa.usf.edu/jsj). 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 joined the Big East Conference on July 1, 2005 and now competes with prestigious universities including Connecticut, Cincinnati, DePaul, Georgetown, Louisville, Marquette, Notre Dame, Pittsburgh, Providence, Rutgers, St. John’s, Seton Hall, Syracuse, Villanova and West Virginia.

The athletic facilities at USF are second to none. We are excited about the addition of our new 104,000 square foot Athletic Training Facility, which opened in the spring of 2004. The Sun Dome, opened for the 1980-81 basketball season, is a unique and dynamic multipurpose facility. Lighted stadiums for the school’s softball, baseball, soccer, and track teams provide pleasant conditions for both the athletes and 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 facility
opened in 1998 and shared with the Tampa Bay Buccaneers. USF students receive free admission to all regular season competitions and are offered free bus transportation from the Marshall Center to the stadium for all home football 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 St. Petersburg Campus. VISA, MasterCard, Discover and American Express are accepted at all stores. The USF Debit Card may also be used for purchases in the Tampa Campus store.

The USF Bookstore & Cafe
Location/Phone: On Martin Luther King Plaza between the Marshall Center and the Student Services Building. Customer Service: (813) 974-2831
Usual Hours: Monday through Thursday from 8:00 a.m. - 4:00 p.m., Friday from 8:00 a.m. - 5:00 p.m., and Saturday from 10:00 a.m. - 4:00 p.m. Extended hours and additional registers open at the beginning of each term.
Web address: http://sftampa.bkstore.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; imprinted souvenirs and gift items. The Main Bookstore at the Tampa Campus also features a full service café proudly serving Starbucks beverages. Visit the café for lunch or a coffee break.

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. We also provide an on-line store for textbook reservations and/or delivery for every semester.

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. Extended hours at the beginning of each term.
Usual Cafe Hours: Monday through Friday from 7:30 a.m. to 2:00 p.m.
Web address: http://usfhsc.bkstore.com

This 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 (COQ 101) on the St. Petersburg USF Campus, (727) 553-1141
Usual Hours: Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday from 9:00 a.m. to 5:00 p.m. Extended hours at the beginning of each term.
Web address: http://usfspete.bkstore.com

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.

Lakeland Bookstore
Location/Phone: LAC 111 on the Lakeland Campus at 3433 Winter Lake Rd., (863) 665-8431
Usual Hours: Monday through Thursday from 7:45 a.m. to 6:30 p.m. and Friday from 7:45 a.m. to 5:00 p.m. Longer hours are scheduled during registration periods and the first week of each term.

Follett, Inc. provides bookstore services to the Lakeland campus. The bookstore offers textbooks for Lakeland campus, school supplies, gift items and clothing (imprinted and non-imprinted).

Sarasota Bookstore
Location/Phone: 6301 Tamiami Trail, (941) 355-5252
Usual Hours: Monday through Thursday from 9:00 a.m. to 5:00 p.m. and Friday from 9:00 a.m. to 3:00 p.m.
Web address: http://usfsarasota.bkstore.com

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

USF Dining Services

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 opening a dining plan or Declining Balance account. Visit www.usfdining.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!

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

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. Students welcome - get a discounted rate with Flex Bucks or Declining Balance.

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

Einstein Bros. Bagels (Marshall Center 1st Floor) – A national bagel brand offering 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.

Burger King (Sessums Mall) – Get any of your favorite grilled sandwiches without leaving campus!

Starbucks (Library) – A popular coffee chain offering coffee, espresso, tea, and pastries.

COBA 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) – Starbucks specialty coffee, including espresso, cappuccinos, iced coffees; Fresh Market Smoothies, grab-n-go sandwiches and salads and more.
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/usfcard.html
OFFICE OF THE DEAN
Location/Phone: CPR 475, (813) 974-4090
Email: publicaffairs@iac.usf.edu
Web Site: http://www.usf.edu/iaac/

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 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 Center for Africa and the Diaspora and 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, the development of the international activities, and the development of enhancement of faculty, student, and staff training and development.

Center for Africa and the Diaspora
Location/Phone: FAO 274, (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 African Descent, 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 African community on issues of global relevance. The Center fosters interdisciplinary partnerships and collaborative arrangements with a wide range of institutions and organizations in Africa and the African Diaspora in Tampa Bay and around the world.

Institute for the Study of Latin America and the Caribbean (ISLAC)
Location/Phone: CPR 474, (813) 974-3547
Email: lacs@iac.usf.edu
Web Site: http://www.usf.edu/iaac/islac/

The mission of the Institute for the Study of Latin America and the Caribbean (ISLAC), 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 America, ISLAC and the Caribbean. 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, two graduate certificates (one in Latin American and Caribbean Studies, and the other in Cuban Studies). In addition, ISLAC offers a Master of Arts (M.A.) Degree in Latin American, Caribbean and Latino Studies that emphasizes interdisciplinary. A B.A. degree program is in the final stages of approval and is planned to commence 2006/07. ISLAC 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 America and the 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. ISLAC works and 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 strengthening the community ties and also consults with the University’s Latino Advisory Committee.

Office of International Student and Scholar Services
Location/Phone: CPR 469, (813) 974-5102
Email: issssops@iac.usf.edu
Web Site: http://www.usf.edu/iaac/issss/

The Office of International Student and Scholar Services (OISSS) is the main administrative and advising office for over 1,500 international students and 200 visiting faculty members and researchers at USF. OISSS has many administrative duties, including the issuance and maintenance of all visa documentation for foreign nationals at the University. OISSS staff persons are experienced in cross-cultural counseling and crisis management in a cross-cultural setting. Services offered by OISSS include advising related to immigration matters, adjustment to life in the United States, culture shock, and other personal and academic issues. OISSS also offers programming such as employment workshops, international student orientations, town meetings and culture shock presentations. OISSS staff advises a number of international organizations on campus including the InterCultural Organization and the American Mentors Program. These organizations help foster cultural awareness on campus and assist international students in adjusting to a new culture. For more information about OISSS, please call (813) 974-5102.

Study Abroad Office
Location/Phone: CPR 468, (813) 974-4314
Email: studyabroad@iac.usf.edu
Web Site: http://www.usf.edu/iaac/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 at a university overseas, an internship or service learning, 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, and have a wide range of study options. USF overseas programs are designed to appeal to a wide audience. Students in most disciplines can find a program of study to complement 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 and service learning, 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 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 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 graduation 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 for individual program brochures, please visit the Study Abroad Office, or check the website.

**The English Language Institute**

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

The English Language Institute (ELI) is the research and teaching laboratory of the Department of World Languages. The ELI offers an intensive academic English as a Second Language (ESL) program to prepare students to study at a US university. In addition, the ELI conducts a variety of special language programs and pursues an active research and development agenda led by faculty and students associated with the Master's Program in Applied Linguistics and the Ph.D. Program in Second Language Acquisition/Instruction Technology, a joint program of the College of Arts and Sciences and the College of Education.

Students are tested and placed in one of five levels, ranging from beginning to advanced. 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 and citizens may enroll part-time in the ELI. The integrated-skills, content-based curriculum includes instruction in listening and speaking, reading and writing, grammar, culture, learning strategies, and a host of test preparation electives (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 ELI coordinates closely with the USF Office of International Admissions and is the first point of contact for students seeking conditional admission to USF degree programs: [http://www.cas.usf.edu/eli/condadm.htm](http://www.cas.usf.edu/eli/condadm.htm)

The cost of the program is $3,555.00 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 issued 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/

PLEASENOTE: 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 recategorization 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. Admissions Application Fee
   (Each application - not refundable) $30.00
2. Non-degree Application
   (Each application - not refundable) $20.00

3. Tuition Schedule/Fee Statements are no longer mailed. Tuition is due by the fifth day of each term. Students may view and/or pay their current term fees online by accessing the "Tuition, Fees & Payments" option in OASIS at http://usfonline.admin.usf.edu.

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, by 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. At the time of 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/textarea/search.asp) and on the OASIS web site (http://usfonline.admin.usf.edu). Students who apply for reinstatement during the late registration period will be responsible for lost or misdirected U.S. Postal mail. A $100.00 fee will be assessed for late reinstatement.

4. Late Registration Fee
   Students who have not enrolled for any courses during early or regular registration) their registration during the late registration period may be assessed a $100.00 late registration fee.

5. 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 electronically deposited to the students’ checking account via eDeposit, or checks will be mailed to student’s local address.

6. 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.

7. 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 in a session 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.

8. **Employee Tuition Program**

The USF Employee Tuition Program authorizes full-time USF employees that are appointed to established positions, to enroll in USF credit courses, up to six credit hours per semester. For summer, terms A, B, and C are all parts of one semester. The employee must be appointed prior to the first day of class and is expected to be employed full-time past the end of the semester for which enrolled. For additional information, please visit the Human Resources website at [www.usf.edu/HR/procedures/edasst/tuition.htm](http://www.usf.edu/HR/procedures/edasst/tuition.htm).

9. **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.

10. **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.

11. **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.

12. **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.

13. **Meal Plans 2006-2007**

Mandatory resident students: USF requires students to participate in a two-semester meal membership if you have not lived in the residence halls prior to Fall 2006 (summer residence not included). Magnolia Apartment residents are not considered mandatory. Please note: rates and plans are subject to change. Please visit our website at [www.usfdining.com](http://www.usfdining.com) or our Sales Office in the Marshall Center (room 40) for the most up-to-date information.

**All meal plans are a two-semester commitment** - you must sign up for the same meal plan in the Spring semester as you did in the Fall semester.

**Traditional Meal Plans**

All meals are eaten at the Fresh Food Company and The Bulls Den Cafe. Flex Dollars can be used at any USF Dining location on campus. Meals do not roll over from semester to semester (or week to week with the Any 15). Flex Dollars roll over from Fall semester to Spring semester with the renewal of the meal plan for the Spring semester. Unused Flex Dollars are forfeited at the end of the Spring semester. Meal plan portion is already taxed.

**Available to all students (residents and commuters):**

- Unlimited Plan + $175 Flex Dollars: $1752.59
- Any 15 Plan + $325 Flex Dollars: $1551.88
- BULLBlock 150 + $170 Flex Dollars: $1380.86

All prices are for one semester only.

**Available to mandatory resident students living in Kosove, Holly, Cypress Apts or Greek Housing, voluntary resident students, and commuter students:**

- BULLBlock 90 + $325 Flex Dollars: $983.97

**All prices are for one semester only.**

**Declining Balance Account**

A Declining Balance (DB) account is available to commuter students, voluntary resident students in place of a traditional meal plan, or to a mandatory resident student as a supplement to the dining plan. DB funds can be used at any dining location on campus, including the Fresh Food Company and The Bulls Den Cafe. There are special discounts associated with using DB money at some of the dining locations. There is no fee, no minimum to maintain and the money rolls over through the semesters and the years.

**Sales Office**

Marshall Center Lower Level, Room 40

Start a dining plan, open or add to declining balance, or to ask questions.

(813) 974-4499 phone  (813) 974-3434 fax

**NOTE:** Information is subject to change. For the latest updates and hours of operation, please visit our website at [www.usfdining.com](http://www.usfdining.com).

**Refund of Tuition/Fees Payment**

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 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 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 control of the student. These situations must be documentable. 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 completion of the course(s),
   2) Death of the student or death in the immediate family (parent, spouse, child or sibling) as confirmed by documentation indicating the student’s relationship to the deceased,
   3) Involuntary call to active military duty as confirmed by military orders,
4) A situation in which the university is in error as confirmed 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 appropriate 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 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, 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. Delinquent accounts may be turned over to a collection agency and all collection costs including legal fees will be added to the student account balance. Financial aid from a succeeding academic year cannot be used to repay prior academic year debts. Payments can be brought into the Cashier’s Office in the Administration Building, mailed to Purchasing and Financial Services, USF, 4202 E. Fowler Avenue, Tampa, FL 33620-5800, or can be made online by accessing OASIS at http://usfadmin.usf.edu/ and should be made 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/financialaid and via OASIS: http://usfadmin.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 information: http://www.usf.edu/financialaid/scholarships.html.
- 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 for financial aid is in OASIS.
- Tuition, housing and meal plan deferments are automatically posted for qualified financial aid applicants. Short-term loans are also available for limited use. The deadline for deferred tuition payment and details about short-term loans can be found at www.usf.edu/financialaid.
- We are required by federal regulations to verify your last date of attendance in classes, at the end of each semester. If you receive all F, I, U or M grades for a term you will be considered an “unofficial” withdrawal. After grades are posted, you will be notified that you are being considered an “unofficial” withdrawal. After 30 days, we are required to begin the return to Title IV Repayment calculation and billing process and assume you unofficially withdrew at the 50% point of the term. To ensure your Last Date of Attendance is documented correctly, you may submit the Change Last Date of Attendance form to your instructor/academic department and return it to the Office of Financial Aid. The calculation will be revised to include the new date and you owe may be revised. You will be notified of the result of our review. It may take 2-4 weeks to restore funds that were billed and returned to the Federal Student Aid programs (including loans). The amount of federal aid that you must repay is determined via the Federal Formula for Return of Title IV funds (Section 484B of the Higher Education Act). This law also specifies the order in which funds are to be returned to the financial aid programs from which they were awarded, starting with loan program.

Each campus has a financial representative. Tampa (813) 974-3700; Lakeland (863) 667-7028; Sarasota (941) 359-4459; St. Petersburg (727) 553-4128. 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 Undergraduate Admissions administers a variety of different scholarships for transfer students. All transfer students interested in academic and minority scholarships should contact the Office of Undergraduate Admissions directly.
3. All financial aid applicants are automatically considered for need-based funds administered through the Office of Financial Aid, if applications are completed by the March 1 priority application date.
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 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.

Students with general inquiries regarding scholarships should contact the Scholarship Coordinator in the Office of Undergraduate Admissions. Currently enrolled students should contact the individual college in which they are registered or access information through the Office of Financial Aid Web page.

Parking and Transportation Services
Do I 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. Permit types are used to designate parking locations on campus, such as resident, non-resident, Park-n-Ride, visitor, staff, etc. Each person may purchase only one vehicle permit (an additional permit for motorcycle, and/or a bicycle is allowed). Permits shall be purchased for the campus of primary assignment. If you don’t have a permit, you must park at a metered parking space or a timed space. For additional permit information visit our website at www.usf.edu/parking_services or call 974-3990, Option #1.

How do I obtain a permit?
Visit the Parking & Transportation Services website www.usf.edu/parking_services. Establish a parking services account and purchase your permit online. Parking permits may be purchased at the following locations:
orderly parking. Violation of these regulations can result in loss. Bicycle and can provide information to the police in the event of Bicycle Permits

4:30 pm (except holidays) by the Department of Parking and Transportation Services. How can I get help when I have a problem with a vehicle? Motorist Assistance Program (M.A.P.)

bicycle permits machine located within designated visitor lots. Parking maps and brochures are available with details and lot designations.

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. Faculty, staff, students and vendors are not eligible for these permits. Visitors may take advantage of the Fare Free Campus Shuttle to travel to their destinations on campus.

Transportation

Bull Runner bus service is provided to USF faculty, staff, students and visitors from 7:00 am – Monday through Thursday, 7:00 am - 5:30 pm on Friday. The C & D routes run Saturday and Sunday 2:30 pm - 9:30 pm. The Bull Runner routes cover the entire USF Tampa Campus, and the following off campus locations; 42nd St., Skipper Rd., and 46th St.; and the University Mall with a stop at UATC. Visitors must be accompanied by a USF ID Card holder to board the bus at any off campus location.

The weekend routes (C & D) offer extended service to the USF Library, University Mall and various shopping locations. Check our web-site: www.usf.edu/bullrunner for the most up to date information. Routes and schedules are subject to modification. Ride the Bull Runner Shuttle and save time and money!

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 for hours of operation, please refer to our website: www.usf.edu/bullrunner.

In addition to the Bull Runner, USF faculty/staff and students may ride Hartline cards fare free with their USF (ID) card. For more information call Hartline at 254-4278 or visit their web site at www.hartline.org.

Motorist Assistance Program (M.A.P.)

How can I get help when I have a problem with a vehicle? Keys locked in your car? Need to jump start your car? Low tires? Call Parking and Transportation Services at (813) 974-3990, Option #5. This FREE service is provided Monday – Thursday from 8:00 am until 8:30 pm, and Friday 8:00 am until 4:30 pm (except holidays) by the Department of Parking and Transportation.

Bicycle Permits

Permits for bicycles are FREE! A bicycle permit registers the bicycle and can provide information to the police in the event of loss.

What happens if I 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. To appeal a parking citation visit our website www.usf.edu/parking_services, and file your appeal electronically. Failure to respond to parking citations could result in collection agency efforts and additional cost.

Additional Questions?

Visit the Parking and Transportation Services website at www.usf.edu/parking_services. You can check your account status, update vehicle information, and submit questions and suggestions. Check for all late breaking news and updates concerning parking and shuttle service. Or you may contact the Tampa Campus Parking & Transportation Services at (813) 974-3990.

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/vetserv 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 or dual degree 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. The VA toll-free number is 1-888-442-4551.
REGISTRATION

Office of the Registrar

Locations/phones:
Tampa Campus: SVC 1034, (813) 974-2000
St. Petersburg Campus: (727) 553-4142
Sarasota Campus: 941) 359-4641
Lakeland Campus: 1(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 the University Schedule of Classes (online only), 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 of 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, view their grades and order transcripts. 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.

The Office of the Registrar maintains the official academic records for all students and course registrations for currently enrolled students. Students are encouraged to contact the Office of the Registrar about general questions concerning academic policies and procedures of their course registration or academic record.

Note: Each student must be aware of the University’s academic policies and procedures insofar as they affect him/her.

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 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.
Registration for Admitted Degree-Seeking Students
Continuing degree-seeking students register by appoint-
ment for the fall semester courses during the preceding
term, either by web or in person (regional campuses only).
Appointment times and instructions for all registration periods
are online in the Schedule of Classes for the appropriate
semester at www.registrar.usf.edu.
Prior to initial registration, all newly admitted undergraduate
students and readmitted former undergraduate students return-
ing are required to participate in an orientation/academic advis-
ning 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 Ad-
vising/Registration instructions from the USF Office of Orienta-
tion.
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 appropri-
tate term’s Schedule of Classes for dates.) To avoid cancella-
tion of registration, fees are due and payable for all registered
courses on the first 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 Admin-
istrative 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, prospec-
tive, and/or non-degree seeking students who need information
about the University’s academic structure.
All students are encouraged to establish an advising rela-
tionship 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 responsi-
bility to see that all graduation requirements are met.

Orientation and Initial Advising
It is necessary that all students attend the University-man-
dated 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 Busi-
ness, Education, Engineering, and Nursing have been design-
ated 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 require-
ments. Students planning to enter a limited access program
should be aware that their admission by the college may be
delayed or denied 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 stu-
dents (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 trans-
fer 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 stu-
dents 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. Stu-
dents 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. Please note
that the Registrar’s Office does not add students whose names
are handwritten on the first day class rolls to courses, and
these students are required to add the course by Oasis. 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), Educa-
tional Outreach, Open University (TV), FEEDS Program, Com-
Community Experiential Learning (CEL), Cooperative Education
Training, and courses that do not have regularly scheduled
meeting days/times (such as, directed reading, or study, indi-
vidual 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 Item
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 online at www.registrar.usf.edu/ssearch/search.php.

Drops Item
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).

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 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 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.

The University 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. Documentation, regardless of the situation, must be submitted with the request for a waiver of this surcharge.

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.

Student Academic Support System (SASS)
Location/phone: SVC 2014, (813) 974-4505
Web address: http://www.ugs.usf.edu/sass/sass.htm

The Student Academic Support System (SASS) is the State University System (SUS) computer-assisted advising system that enhances undergraduate education. The report produced by this system is available to each undergraduate student through the student’s advisor, advising office, and FACTS (Florida Academic Counseling & Tracking for Students) Network.FACTS can be accessed by modem, open-use computer labs, the Registrar’s office (SVC 1034, Tampa Campus), and the Center for Academic Advising (SVC 2011, Tampa Campus). FACTS is a unique network that provides access to the computing resources of Florida’s higher education institutions. You can access FACTS directly at http://www.facts.org.

The SASS audit matches the student’s academic record (both USF and transfer courses) against the requirements of the student’s degree program. There is a different SASS audit for each degree program. Students can explore different degree programs thru FACTS by selecting “Degree Program Shopping at your Home Institution” from the FACTS-Academic Advising link. The central SASS office maintains the data and trains appropriate college personnel.

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 identification number, the date and the student’s signature or must be affected online via the student’s 6-digit self-assigned personal identification number (PIN), which is essentially the student’s electronic signature. 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 Transcript Request forms are available in the following offices: Tampa Campus Registrar’s Office, regional campuses’ Records & Registration offices, and all campuses’ Cashier’s offices.
Letter requests must include: (1) date of request and student’s current term; (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: 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 offices.

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. 1002.22 and 1006.52 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 official 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 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.

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.

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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 nondisclosure 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 July. 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 purposes 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 purposes 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 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. Conversely, many other majors, and often the most popular majors, require completion of particular courses within the first two years. For instance, students with majors in fine arts and engineering should begin specific coursework 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 as juniors and to allow graduation on a timely basis.

It is clearly advantageous for students to make early decisions about their majors to be on track and to remain on-track toward their degrees and to graduate in a timely manner. Students are urged to declare a major upon entry to the university. If they are unable to formally choose or declare a major or a pre-major they should follow the multi-semester inquiry-based (for undecided) curriculums that best matches their interests.

All students must be officially declared in a major or a pre-major before they register for more than 36 credits. Beginning Fall Semester 2005, FTIC students who will have completed 36 or more credits at the end of the term in which they are enrolled 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 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 coursework will not be allowed to register for further credit coursework at the university until they have declared a major or 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 required to follow one of the multi-semester inquiry-based (for undecided) curriculums offered by the university and enroll in the University Experience or Career Development Process 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 USF Testing Services, SVC 2060 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 hour limit from previous institutions.

If the CLAST requirement has not been satisfied by the time a student completes 70 semester hours, the student may not register for classes until he/she has visited the following website: http://www.usf.edu/clast/hold. 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 the CLAST requirement has not been satisfied after completing 60 hours of coursework, a student may enroll in up to 36 hours of additional 3000-4000 level coursework. At this point, course registration will be restricted to 1000 and 2000 level courses.

Information regarding appropriate CLAST preparatory options is available at http://outreach.usf.edu/conted/testing. 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 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 1105 or higher, MGF 1106 or higher and STA 1022 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 skills set forth in SBE 6A-10.0316 (consult with Academic Support and Accommodations for Students with Disabilities); 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 testing a CLAST subtest four times and successfully completing the 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 USF Testing Services (SVC 2060). A list of approved courses to satisfy this requirement is available in USF Testing Services.

Courses to Satisfy Rule 6A-10.030

(“Gordon Rule”)

Prior to receipt of an Associate of Arts degree from a public community college or university or prior to entry into the upper division of a public university or college, a student shall complete successfully the following:

a. Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments. Each institution shall designate the courses that fulfill the writing requirements of this section. These course designations shall be submitted to the Statewide Course Numbering System. An institution to which a student transfers shall accept courses so designated by the sending institution as meeting the writing requirements outlined in this section.

b. Six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes 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 three (3) hours of the six (6) hours required by this section.

c. Students awarded college credit in English based on their demonstration of writing skills through dual enrollment, advanced placement, or international baccalaureate instruction pursuant to Rule 6A-10.024, F.A.C., and students awarded college credit based on their demonstration of mathematics skills at the level of college algebra or higher through one (1) or more of the acceleration mechanisms in Rule 6A-10.024, F.A.C., are not considered to have satisfied the requirements in subsection 6A-10.030(2), F.A.C., to the extent of the college credit awarded.

Communication (12 semester hours)

AFA 2000 Introduction to the Black Experience (In Africa and Its Diaspora) 3
AFA 4150 Africa and the United States 3
AFA 4335 Black Women in America 3
AFS 2250 Culture and Society in Africa 3
AFS 3153 African Literature Survey 3
AMH 3510 U.S. Diplomatic History to 1898 3
AML 3604 African American Literature 3
AML 4303 Zora Neale Hurston: Major Works 3
AML 4622 Black Women Writers 3
AMS 3001 American Culture 1880-1915 4
AMS 3260 American Culture, 1830-1860 4
AMS 3370 Southern Women: Myth and Reality 3
ANT 4231 Folklore 3
ANT 4241 Magic and Religion 3
ANT 4340 The Caribbean 3
ANT 4432 The Individual and Culture 3
ANT 4620 Language and Culture 3
ANT 4750 Language and Social Interaction 3
ANT 4935 Rethinking Anthropology 3
ARC 4784 The City 3
ARH 4710 History of Photography 3
ARH 4721C History of Printmaking 3
ARH 4724 History of Graphic Design 3
ARH 4800 Critical Studies In Art History 3
CCJ 4934 Seminar in Criminology 3
CHM 4070 Historical Perspectives in Chemistry 3
CIS 4250 IT Ethics 3
CLA 3501 Women in Antiquity 3
CLT 3101 Greek Literature in Translation 3
CLT 3102 Roman Literature in Translation 3
COM 4020 Communicating Illness, Grief, and Loss 3
COM 4030 Women and Communication 3
COM 4710 Writing Lives 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHI 4800</td>
<td>Aesthetics</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3100</td>
<td>Social Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4331</td>
<td>Modern Political Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4340</td>
<td>Contemporary Political Philosophy</td>
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</tr>
<tr>
<td>PHP 3786</td>
<td>Existentialism</td>
<td>3</td>
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<td>PHP 4000</td>
<td>Plato</td>
<td>3</td>
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<tr>
<td>PHP 4010</td>
<td>Aristotle</td>
<td>3</td>
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<tr>
<td>PHP 4740</td>
<td>The Rationalists</td>
<td>3</td>
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<tr>
<td>PHP 4745</td>
<td>The Empiricists</td>
<td>3</td>
</tr>
<tr>
<td>PHP 4784</td>
<td>Analytical Philosophy</td>
<td>3</td>
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<tr>
<td>PHP 4788</td>
<td>Philosophy of Marxism</td>
<td>3</td>
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<tr>
<td>PHY 4031</td>
<td>Great Themes in Physics</td>
<td>3</td>
</tr>
<tr>
<td>POS 4413</td>
<td>The American Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POS 4694</td>
<td>Women and Law II</td>
<td>3</td>
</tr>
<tr>
<td>POT 4109</td>
<td>Politics and Literature</td>
<td>3</td>
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<tr>
<td>PUP 4323</td>
<td>Women and Politics</td>
<td>3</td>
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<tr>
<td>REL 3111</td>
<td>The Religious Quest in Contemporary Films</td>
<td>4</td>
</tr>
<tr>
<td>REL 3114</td>
<td>Comedy, Tragedy, and Religion</td>
<td>3</td>
</tr>
<tr>
<td>REL 3145</td>
<td>Women and Religion</td>
<td>3</td>
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<tr>
<td>REL 3170</td>
<td>Religion, Ethics and Society Through Film</td>
<td>4</td>
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<td>REL 3308</td>
<td>World Religions</td>
<td>3</td>
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<tr>
<td>REL 3367</td>
<td>Islam in the Modern World</td>
<td>3</td>
</tr>
<tr>
<td>REL 3465</td>
<td>Religion and the Meaning of Life</td>
<td>3</td>
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<tr>
<td>REL 3500</td>
<td>History of Christianity</td>
<td>4</td>
</tr>
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<td>REL 3561</td>
<td>Roman Catholicism</td>
<td>3</td>
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<tr>
<td>REL 3602</td>
<td>Classics of Judaism</td>
<td>3</td>
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<tr>
<td>REL 3603</td>
<td>Introduction to Judaism</td>
<td>3</td>
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<tr>
<td>REL 3613</td>
<td>Modern Judaism</td>
<td>3</td>
</tr>
<tr>
<td>REL 4113</td>
<td>The Hero and Religion</td>
<td>3</td>
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<tr>
<td>REL 4171</td>
<td>Contemporary Christian Ethics</td>
<td>4</td>
</tr>
<tr>
<td>REL 4177</td>
<td>Comparative Religious Ethics</td>
<td>4</td>
</tr>
<tr>
<td>REL 4215</td>
<td>Ancient Israel and the Development of the Hebrew Bible</td>
<td>3</td>
</tr>
<tr>
<td>REL 4217</td>
<td>Who Wrote the Bible (Genesis-Kings)</td>
<td>4</td>
</tr>
<tr>
<td>REL 4218</td>
<td>Women and the Bible</td>
<td>3</td>
</tr>
<tr>
<td>REL 4670</td>
<td>Judaism and Christianity After the Holocaust</td>
<td>3</td>
</tr>
<tr>
<td>RUS 3500</td>
<td>Russian Civilization</td>
<td>3</td>
</tr>
<tr>
<td>RUT 3110</td>
<td>Russian Classics in English</td>
<td>3</td>
</tr>
<tr>
<td>RUT 3111</td>
<td>Twentieth-Century Russian Literature in English</td>
<td>3</td>
</tr>
<tr>
<td>SGE 4236</td>
<td>Science, Technology, Society Interaction</td>
<td>4</td>
</tr>
<tr>
<td>SPC 3425</td>
<td>Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPC 4305</td>
<td>Communicating Emotions</td>
<td>3</td>
</tr>
<tr>
<td>SPC 4632</td>
<td>Rhetoric and Social Change</td>
<td>3</td>
</tr>
<tr>
<td>SYA 3310</td>
<td>Qualitative Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>SYG 3235</td>
<td>Latina Lives</td>
<td>3</td>
</tr>
<tr>
<td>SYP 4420</td>
<td>Consumer Culture</td>
<td>3</td>
</tr>
<tr>
<td>THE 4174</td>
<td>New British Theatre and Drama</td>
<td>3</td>
</tr>
<tr>
<td>THE 4180</td>
<td>Theatre Origins</td>
<td>3</td>
</tr>
<tr>
<td>THE 4320</td>
<td>Theatre of Myth and Ritual/Northern European (950-1600) &amp; Oriental (400-1200)</td>
<td>3</td>
</tr>
<tr>
<td>THE 4330</td>
<td>Shakespeare for The Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THE 4360</td>
<td>The 19th Century Theatre Revolution</td>
<td>3</td>
</tr>
<tr>
<td>THE 4401</td>
<td>American Drama</td>
<td>3</td>
</tr>
<tr>
<td>THE 4434</td>
<td>Caribbean Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THE 4435</td>
<td>Theatre of Pluralism</td>
<td>3</td>
</tr>
<tr>
<td>THE 4442</td>
<td>Comedy of The Classic And Neo-Classic Stage</td>
<td>3</td>
</tr>
<tr>
<td>THE 4562</td>
<td>Contemporary Performance Theory</td>
<td>3</td>
</tr>
<tr>
<td>WST 3210</td>
<td>European Feminist History: Pre-18th Century</td>
<td>3</td>
</tr>
<tr>
<td>WST 4262</td>
<td>Literature by Women of Color in the Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>WST 4310</td>
<td>History of Feminism in the U.S.</td>
<td>3</td>
</tr>
</tbody>
</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.

<table>
<thead>
<tr>
<th>Course Number and Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 2060 SC Introduction to Computers and Programming in Basic</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2101 Introduction to Formal Logic</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3204 Psychological Statistics</td>
<td>3</td>
</tr>
<tr>
<td>QMB 2100 Business And Economic Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>STA 1022 Basic Statistics</td>
<td>3</td>
</tr>
<tr>
<td>STA 2122 Social Science Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

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

Grades, Scholarship Requirements, and Review Procedures

The University uses the cumulative 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 credit hours 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, 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. 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 required to complete 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, if applicable, the student will be placed on appropriate probation or academically dismissed. “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 requests of the student’s college may not be taken on an S/U basis.

**Option Courses**

- **Option Courses**
- **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 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, provided 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 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 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 other SUS 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 responsibility of having to overcome the entire 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 a selected portion will not be counted in their GPAs. Academic Renewal will only be applied to a student’s academic record one time at USF.

Academic Renewal I applies to students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.00) with fewer than 60 credits but who otherwise were eligible to return to USF or other institutions of higher education prior to their successful completion of 60 transferable credits. They may be admitted to the University with Academic Renewal I 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 as juniors and their USF grade point average will be calculated from that point forward. Such students will be required to earn 60 unduplicated degree 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.

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.

Academic Renewal II applies to students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.00) with 60 or more earned credits but who otherwise were eligible to return to USF or other institutions of higher education after the successful completion of 60 transferable credits. These students may be admitted to the University with Academic Renewal II if they are able to provide convincing evidence of changes that indicate they are more likely to achieve success given another opportunity. Namely, such students will have been engaged in successful non-academic activities such as work or the military for approximately five years or will have demonstrated more recent academic success through completion of an associates’ degree or certificate at another institution. Academic Renewal II students will be offered an opportunity to enter USF with all coursework and grades from up to three academic semesters (or equivalent) prior to their academic dismissal or probation from USF to be dropped from consideration in grade-point-average calculations at the University. Determination of which semester(s) may be dropped (up to three) is determined by the student through consultation with the college Academic Regulations Committee representative. Students utilizing the Academic 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 meeting degree requirements at the University. 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.

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. 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>Class Standing</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0-29</td>
</tr>
<tr>
<td>Sophomore</td>
<td>30-59</td>
</tr>
<tr>
<td>Junior</td>
<td>60-89</td>
</tr>
<tr>
<td>Senior</td>
<td>90+</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 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. Use of an electronic device not specifically authorized by the instructor is not permitted during any examination. Such use may result in academic dishonesty or disruption of the academic process and will be handled as student violations.

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 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.

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 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 on the third 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 an opportunity for objective review of facts and events pertinent to the cause of the academic grievance. Such review 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. These guidelines are meant to govern all Colleges (exclusive of the College of Medicine which maintains its own procedures); however, as individual Colleges or campuses may have different levels of authority or titles, each student must obtain the specific designations used by each college or campus for levels of authority and titles in the process.

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 incorrect. In such circumstances the Dean or Provost/Vice President for Academic Affairs or the Vice President for Health Sciences Center may file an administrative grade change. The term “incorrect” means the assigned grade was based on something other than performance in the course, or that the assignment of the grade was not consistent with the criteria for awarding grades as described in the course syllabus or other materials distributed to the student. 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. Terms and Guidelines - An “academic grievance” is a claim that a specific academic decision or action that affects that student’s academic record or status has violated published policies and procedures, or has been applied to the grievant in a manner different from that used for other students. Grievances may relate to such decisions as the assignment of a grade seen by the student as incorrect or the dismissal or failure of a student for his or her action(s). Academic grievances will not deal with general student complaints.

“Instructor” shall mean any classroom instructor, thesis/dissertation/directed study supervisory committee member or chair, or counselor/advisor who interacts with the student in an academic environment.

“Department Chair/ Director” shall mean the academic head of a college department or the director of a program—or in all cases a “Department’s designee” appointed to handle academic grievances.

“Dean” shall mean a College Dean, the Dean of Undergraduate Studies, or the Dean of Graduate Studies, as indicated—or in all cases a “Dean’s designee” appointed to handle academic grievances for the unit.
III. Resolution at the Department Level

A. The student shall first make a reasonable effort to resolve his or her grievance with the instructor concerned, with the date of the incident triggering the start of the process (i.e., the issuance of a grade; the receipt of an assignment), and the instructor shall accommodate a reasonable request to discuss and attempt to resolve this issue.

B. If the situation cannot be resolved or the instructor is not available, the student shall file a notification letter within three weeks of the triggering incident to the department Chairperson/Director. This shall be a concise written statement of particulars and must include information pertaining to how, in the student’s opinion, University policies or procedures were violated. The department Chairperson/Director shall provide a copy of this statement to the instructor.

C. The department Chairperson/Director shall discuss the statement jointly or individually with the student and the instructor to see if the grievance can be resolved. If the department maintains its own grievance procedure, it should be applied at this point. If the grievance can be resolved, the Chairperson/Director shall provide a statement to effect that to the student and the instructor with a copy to the College Dean.

D. If the grievance cannot be resolved, the department Chair/Director shall notify both the student and the instructor, informing the student of his/her right to file a written request within three weeks to advance the grievance to the College Level. The instructor may file a written response to the grievance petition. Upon receipt of the student’s request to move the process to the College Level and the instructor’s response to the grievance (if provided), the Chairperson/Director shall immediately notify the College Dean of the grievance, providing copies of the student’s initiating grievance statement, any instructor’s written response to the grievance, and the written request from the student to have the process advanced to the College Level. Should the student not file a written request to move the grievance to the College Level within the prescribed time, the grievance will end.

If the grievance concerns the Chairperson/Director or other officials of the department, the student has a right to bypass the departmental process and proceed directly to the College Level.

IV. Resolution at the College Level

A. Upon receipt of the grievance, the College Dean shall either determine that the matter is not an academic grievance and dismiss it or within three weeks shall establish an Academic Grievance Committee. 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.

2. Wherever practical, the Committee shall include neither 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, if requested by the department, committee, or participants, faculty or students from the department involved with the grievance or from the student’s major department may provide expert or other relevant testimony in the proceedings. The Committee Chairperson shall vote on committee decisions only when required to break a tie.

3. All deliberations shall be in private and held confidential by all members of the Committee and those involved in the proceedings. The recommendation of the Committee shall be based on the factual evidence presented to it.

4. Within three weeks of the Committee appointment, the College Dean shall deliver in writing to the student, instructor, department Chairperson/Director or Program Director, and College Dean a report of the findings and a recommended resolution.

5. Within three weeks of receipt of the Committee recommendation, the College Dean shall provide a decision in writing to all parties.

6. The student or the instructor may appeal the decision of the College Dean to the University Level only if the decision of the College Dean is contrary to the recommendation of the Committee or if there is a procedural violation of these Student Academic Grievance Procedures. Such an appeal must be made in writing to the Provost/Chairperson for Academic Affairs or the Vice President for Academic Affairs. The Provost/Chairperson or Vice President will review the appeal and provide a decision in writing within three weeks of receipt of the appeal.

V. Resolution at the University Level:

The Provost/Chairperson for Academic Affairs or the Vice President for the Health Sciences Center has delegated authority to the Dean of Undergraduate Studies or to act in place of the Provost/Chairperson in all academic grievance appeals involving undergraduate students unless the grievance occurred
in a program within Undergraduate Studies, wherein it will go back to the Provost to delegate. The Dean of Graduate Studies will act in place of the Provost/Vice President in all academic grievance appeals involving graduate students.

A. The student or the instructor may appeal at the University Level within three weeks of the receipt of a decision made at the College Level, when (1) the decision by a College Dean is contrary to the recommendation of a college Grievance Committee, or (2) there is cause to think a procedural violation of these University Academic Grievance Procedures has been made. Within three weeks of receipt of the appeal to the decision, the Undergraduate/Graduate Dean in consultation with the Faculty Senate and the Student Senate, shall appoint 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 structure, functions and operating procedures of the Appeals Committee will be the same as those of the College Committee (i.e., chaired by one of the appointed faculty members appointed by the Undergraduate/Graduate Dean who will not vote except in the case of a tie, having no representation from either party’s respective departments, developing a recommendation to the Undergraduate/Graduate Dean, etc.).

C. Within three weeks of the appointment, the Committee Chairperson shall deliver in writing to the Undergraduate/Graduate Dean a report of the findings of the Committee and a recommended resolution.

D. Within three weeks of receipt of the Committee recommendation, the Undergraduate/Graduate Dean shall provide a decision in writing to all parties.

E. If the Undergraduate/Graduate Dean’s decision is that a grade change is merited, the Undergraduate/Graduate Dean shall initiate the grade change on the authority of the Provost and so inform all parties. In all academic grievance appeals, the Undergraduate/Graduate Dean’s decision is final and not subject to further appeal within the University.

These procedures shall take effect commencing Fall Semester, 2005, 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.

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

Students attending USF 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 teaching environment is also unacceptable. This 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 use 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 [Footnoting/citation styles will depend upon those used by different academic disciplines. Many disciplines in the Natural Science areas, for example, will cite the sources within the body of the text.]


2. Examples of proper citation (in body of text):

a. Shaw (1972) stated 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 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 of 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 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.

Penalties for Academic Dishonesty:

Penalties 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 may be reinstated until the issue is resolved. (NOTE: A student who is suspected of cheating may not drop a course to avoid a penalty. If the student drops a course after having cheated the university may reinstate him or her until the case is adjudicated and, if appropriate, the penalty determined. However, even if the student is not reinstated in the course, disciplinary action may be pursued if cheating is suspected and the “W” grade may be changed to an FF, F, or other grade depending on the ultimate resolution of the disciplinary process. This includes any instance of cheating that is not detected by the instructor until after the student has dropped the course. The ultimate penalty may be an FF or an F in the course, or other action.) Procedures for student notification and the option of appeal 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 him or her of being placed on “Academic Dishonesty Warning” for the remainder of enrollment at USF and of appeal rights for the “FF” grade. 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, including 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 notice of that dismissal as a part of the student’s formal record and transcript.

The following penalties are generally assigned in cases when the maximum penalty is not appropriate.

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 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 and tests or 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 plagiarize or receive or give stolen computer programs receive an “F” with a numerical value of zero on the assignment, 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) draws 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 or 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:

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*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.

**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. However, 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, 2005. 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**

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<td>Psychological Science II</td>
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<tr>
<td>REL 2300</td>
<td>Introduction to World Religions</td>
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<td>REL 3101</td>
<td>Religion and Popular Culture</td>
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<td>REL 3111</td>
<td>The Religious Quest in Contemporary Films -6A</td>
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<td>REL 3116</td>
<td>Religion and Contemporary American Holidays</td>
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<td>REL 3117</td>
<td>Religion and Contemporary American Sports</td>
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<td>REL 3370</td>
<td>Religion, Ethics and Society Through Film -6A</td>
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<tr>
<td>REL 3308</td>
<td>World Religions -6A</td>
</tr>
<tr>
<td>REL 3318</td>
<td>Introduction to Chinese Religion</td>
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</tbody>
</table>
AMS 3370 Southern Women: Myth and Reality 3
AMS 3260 American Culture, 1830-1860 3
AMS 3210 Regions of America 4
AMS 3001 American Culture, 1880-1915 3
AMS 2212 Nineteenth-century American Culture 3
AMS 2201 Colonial American Culture 3
AML 3413 Historical Perspectives in Early American Literature 3
WST 2600 Human Sexual Behavior 3
WST 3015 Introduction to Women's Studies 3
WST 3311 Issues in Feminism 3
WST 3370 Women and Social Action 3

HISTORICAL PERSPECTIVE
AFA 4150 Africa and the United States -6A 3
AFA 4502 Middle Passage 3
AFH 3100 African History to 1850 3
AFH 3200 African History since 1850 3
AMH 2010 American History I 3
AMH 2020 American History II 3
AMH 3571 African American History to 1865 3
AMH 3572 African American History since 1865 3
AML 3413 Historical Perspectives in Early American Literature 3
AMS 2030 Introduction to American Studies 3
AMS 2201 Colonial American Culture 3
AMS 2212 Nineteenth-century American Culture 3
AMS 2270 Twentieth-century American Culture 3
AMS 3001 American Culture, 1880-1915 -6A 4
AMS 3210 Regions of America 4
AMS 3260 American Culture, 1830-1860 -6A 4
AMS 3370 Southern Women: Myth and Reality -6A 3
AMS 3601 Material Culture and American Society 3
AMS 3700 Racism in American Society 3
ARC 2211 Introduction to Architecture 3
ARC 2701 Architectural History I 3
ARC 2702 Architectural History II 3
ARH 2050 History of Visual Arts I 3
ARH 2051 History of Visual Arts II 3
ARH 3160 In Search of the Goddess 3
ARH 3475C Contemporary Issues in Art 4
ASH 2270 Southeast Asian History 3
ASH 3404 Modern China 4
CLA 3103 Greek Civilization 3
CLA 3123 Roman Civilization 3
CLT 3370 Classical Mythology 3
EDF 3514 History of Education in the United States 3
EGN 2031 History of Technology 3
EGN 2082 History of Electrotechnology 3
ENL 3334 Shakespeare from an Historical Perspective 3
EIH 2011 Ancient History I 3
EIH 2012 Ancient History II 3
EIH 2021 Medieval History I 3
EIH 2022 Medieval History II 3
EIH 2030 Modern European History I 3
EIH 2031 Modern European History II 3
EUR 3022 Russia 3
FRE 4992 French Images in Francophone Film 3
GEO 2000 World Regional Geography 4
GET 3244 German Popular Film 3
GET 3292 Fantastic Films of Early German Cinema 4
GET 4293 New German Cinema to Present 3
GEW 4750 Women in Contemporary German Literature and Film 3
HUM 2210 Studies in Culture: The Classical Through Medieval Periods 3
HUM 2230 Studies in Culture: The Renaissance in Search of the Twentieth Century 3
HUM 3252 Studies in Culture: The Twentieth Century 3
IDS 2666 Historical Perspectives I 3
IDS 2667 Historical Perspectives II 3
IDS 2932 Selected Topics 3
LAH 2020 Latin American Civilization 3
LAH 2733 Latin American History in Film 3
LIT 2000 Introduction to Literature -6A 3
LIT 2010 Introduction to Fiction -6A 3
LIT 2030 Introduction to Poetry -6A 3
LIT 2040 Introduction to Drama -6A 3
LIT 3022 Modern Short Novel 3
LIT 3144 Modern European Novel -6A 3
LIT 3155 Modern Literature -6A 3
MMC 3602 Mass Communications and Society 3
MUL 2111 Introduction To Music Literature -6A 3
PHH 2000 Introduction to Philosophy -6A 3
PHI 1600 Introduction to Ethics 3
PHM 3100 Social Philosophy -6A 3
PHP 3785 Existentialism -6A 3
POS 2080 The American Political Tradition 3
REL 2300 Introduction to World Religions 4
REL 2306 Contemporary World Religions 4
REL 3101 Religion and Popular Culture 3
REL 3111 The Religious Quest in Contemporary Films -6A 4
REL 3116 Religion and Contemporary American Holidays 3
REL 3117 Religion and Contemporary American Sports 3
REL 3170 Religion, Ethics and Society Through Film -6A 4
REL 3308 World Religions -6A 3
REL 3318 Introduction to Chinese Religion 3
REL 3363 Introduction to Islam 3
REL 3367 Islam in the Modern World -6A 3
REL 3391 In Search of the Goddess 3
REL 3500 History of Christianity -6A 4
REL 3607 Introduction to Judaism -6A 4
REL 4215 Ancient Israel and the Development of the Hebrew Bible -6A 3
REL 4218 Women and the Bible -6A 3
SLS 4273 Theories of Leadership 3
SPC 3230 Rhetorical Theory 3
SPC 3631 Rhetoric of the Sixties 3
SYD 3700 Racial and Ethnic Relations 3
WOH 3293 Islam in World History 4
WST 2250 Female Experience in America 3
WST 3210 European Feminist History: Pre-18th Century -6A 3
WST 3220 European Feminist History: Enlightenment to the Present 3

FINE ARTS
AFS 3251 Environmental - Cultural Study in Africa 3
ARC 2131 Introduction to Architectural Design and Graphics 4
ARC 2211 Introduction to Architecture 3
ARC 2701 Architectural History I 3
ARC 2702 Architectural History II 3
ARCH 2050 History of Visual Arts I 3
ARCH 2051 History of Visual Arts II 3
ARCH 3160 In Search of the Goddess 3
ARCH 3475C Contemporary Issues in Art 4
ASH 2270 Southeast Asian History 3
ASH 3404 Modern China 4
CLA 3103 Greek Civilization 3
CLA 3123 Roman Civilization 3
CLT 3370 Classical Mythology 3
EDF 3514 History of Education in the United States 3
EGN 2031 History of Technology 3
EGN 2082 History of Electrotechnology 3
ENL 3334 Shakespeare from an Historical Perspective 3
EIH 2011 Ancient History I 3
EIH 2012 Ancient History II 3
EIH 2021 Medieval History I 3
EIH 2022 Medieval History II 3
EIH 2030 Modern European History I 3
EIH 2031 Modern European History II 3
EUR 3022 Russia 3
FRE 4992 French Images in Francophone Film 3
GEO 2000 World Regional Geography 4
GET 3244 German Popular Film 3
GET 3292 Fantastic Films of Early German Cinema 4
GET 4293 New German Cinema to Present 3
GEW 4750 Women in Contemporary German Literature and Film 3
HUM 2210 Studies in Culture: The Classical Through Medieval Periods 3
students 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/Lit 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. These courses also meet the Gordon Rule Communications requirement. 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.

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

**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 consider-

**MUL 2111 Introduction To Electronic Music** 3
**MUH 2051 Folk And Traditional Music Of World Cultures** 3
**MUH 2632 Music In The United States** 3
**MUH 3016 Survey Of Jazz** 3
**MUH 3001 Issues In Music** 3
**MUH 3012 Music In Your Life** 3
**THE 2005 Languages of the Stage** 3
**THE 2252 Great Performances on Film** 3

**ALAMEA**
**AFA 2000 Introduction to the Black Experience** [In Africa and its Diaspora] - 6A 3
**AFA 4150 Africa and the United States** - 6A 3
**AFH 3100 African History to 1850** 3
**AFH 3200 African History since 1850** 3
**AFS 2250 Culture and Society in Africa** - 6A 3
**AFS 3251 Environmental - Cultural Study in Africa** 3
**ANT 2000 Introduction to Anthropology** 4
**ANT 2410 Cultural Anthropology** 3
**ANT 3005 The Anthropological Perspective** 3
**ASH 2270 Southeast Asian History** 3
**ASH 3404 Modern China** 4
**ASN 3014 China Today** 3
**ASN 3030 The Middle East** 3
**CPO 4034 Politics of the Developing Areas** 3
**CPO 4204 Government and Politics of Africa** 3
**ECS 4430 Economics of Latin America** 3
**EUS 3022 Russia** 3
**FRE 4392 African Images in Francophone Film** 3
**GEA 2000 World Regional Geography** 4
**GEY 3265 Sociocultural Aspects of Aging** 3
**HUM 3271 Eastern and Western Culture from Antiquity to 1400** 3
**HUM 3273 Eastern and Western Culture Since 1400** 3
**INR 1015 World Perspective** 3
**INR 3084 International Terrorism** 3
**INR 4502 International Organizations** 3
**LAH 2029 Latin American Civilization** 3
**LAH 2733 Latin American History in Film** 3
**LAS 3116 Latin America Through Film** 3
**LIN 2002 Language and a Movie** 2-3
**MUL 2051 Folk And Traditional Music Of World Cultures** 3
**MUL 3001 Issues In Music** 2-6
**REL 3318 Introduction to Chinese Religion** 3
**REL 3330 Religions of South Asia** 3
**REL 3363 Introduction to Islam** 3
**REL 3367 Islam in the Modern World** - 6A 3
**REL 3391 In Search of the Goddess** 3
**REL 3607 Introduction to Judaism** - 6A 3
**REL 4215 Ancient Israel and the Development of the Hebrew Bible** - 6A 3
**REL 4218 Women and the Bible** - 6A 3
**SYD 3441 Peasant Perspectives** 3
**SYG 3235 Latina Lives** - 6A 3
**WOH 3293 Islam in World History** 4
**WST 3016 Introduction to Women’s Studies** 3

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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, 2005. 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

**AFA 4333** The African Diaspora: Blacks in the Construction of the Americas - 6A

**AFA 4350** African American Community Research - 6A

**AFA 4500** Slavery in the Americas and the Caribbean - 6A

**AFA 4502** Middle Passage - 6A

**AML 4303** Zora Neale Hurston: Major Works - 6A

**AMS 4804** Major Ideas in America - 6A

**ANT 4149** Fantastic Archaeology - 6A

**ANT 4241** Magic and Religion - 6A

**ANT 4316** Ethnic Diversity in the United States - 6A

**ANT 4340** The Caribbean - 6A

**ANT 4401** Exploring Cross-Cultural Diversity - 6A

**ANT 4432** The Individual and Culture - 6A

**ANT 4437** The City - 6A

**ANT 4455** Contemporary Issues in Art - 6A

**ARCH 3475C** Contemporary Issues in Art - 6A

**ARCH 4710** History of Photography - 6A

**BIS 4057** Environmental Issues - 6A

**CCJ 4934** Seminar in Criminology - 6A

**CEG 4850** Capstone Geotechnical/Transportation Design - 6A

**CES 4740** Capstone Structural/Geotechnical/ Material Design - 6A

**CGN 4122** Professional and Ethical Issues in Engineering - 6A

**CHM 4070** Historical Perspectives in Chemistry - 6A

**CIS 4250** Ethical Issues And Professional Conduct - 6A

**CIS 4253** IT Ethics - 6A

**CLT 3101** Greek Literature in Translation - 6A

**CLT 3102** Roman Literature in Translation - 6A

**COM 4030** Women and Communication - 6A

**CWR 4812** Capstone Water Resources/Environmental Design - 6A

**DAN 4135** 20th Century Dance - 6A

**ECH 4615** Product and Process Design - 6A

**ECO 3703** International Economics - 6A

**ECO 4323** Political Economy - 6A

**ECO 5603** Economic Theory - 6A

**ECS 4030** Comparative Economic Systems - 6A

**ECS 4430** Economics of Latin America - 6A

**EDF 3228** Human Behavior and Environmental Selection - 6A

**EDG 4351** History of Education in the United States - 6A

**EDP 3703** Social Foundations of Education - 6A

**EE 4471** Electromagnetics - 6A

**EE 4906** Professional Issues and Engineering Design - 6A

**EGR 4831** Technology and Society - 6A

**EIN 4365** Capstone Design - 6A

**EML 4551** Capstone Design - 6A

**ENV 4891** Capstone Environmental Engineering Design - 6A

**EVR 4027** Wetland Environments - 6A

**EVT 4651** Equity in Schools and the Workplace - 6A

**FRE 3502** The Francophone World - 6A

**FRE 4392** African Images in Francophone Film - 6A

**FRT 3001** Great French Love Stories in Translation - 6A

**FRF 3140** French Literary Masterpieces in English Translation - 6A

**FRW 4100** The French Novel - 6A

**FRW 4101** Introduction to French Drama and Poetry - 6A

**GEB 4890** Strategic Management and Decision Making - 6A

**GEO 4372** Global Conservation - 6A

**GEO 4471** Political Geography - 6A

**GEO 4604** Topics in Urban Geography - 6A

**GET 3100** German Literature in English Translation - 6A

**GET 3244** German Popular Film - 6A

**GET 3292** Fantastic Films of Early German Cinema - 6A

**GET 4293** New German Cinema to Present - 6A

**GEY 4635** Business Management in an Aging Society - 6A

**GEY 4647** Ethical and Legal Issues of Aging - 6A

**GLY 4045** Moons, Planets, and Meteors: An Introduction to Planetary Science - 6A

**GLY 4053** Theories and Arguments about the Earth - 6A

**GLY 4734** Beaches and Coastal Environments - 6A

**GLY 4805** Geology and Development of Modern Africa - 6A

**HIS 3308** War and Society - 6A

**HIS 3938** Major Issues in History - 6A

**HIS 4936** Pro-Seminar in History - 6A

**HUM 4938** Major Issues in the Humanities - 6A

**IDS 3115** Values and Choices - 6A

**IDS 3186** Scientific and Ethical Dimensions of Human Disease - 6A

**IDS 3663** Critical Issues Affecting the Arts - 6A

**INR 3018** World Ideologies - 6A

**INR 3033** International Political Cultures - 6A

**INR 3202** International Human Rights - 6A

**INR 4083** Conflict In The World - 6A

**INR 4254** Africa in World Affairs - 6A

**INR 4396** Senior Seminar - 6A

**ISS 4935** Seminar in the Social Sciences - 6A

**LIT 3103** Great Literature of the World - 6A

**LIT 3155** Modern Literature - 6A

**LIT 3301** Cultural Studies and the Popular Arts - 6A

**LIT 3374** The Bible As Literature - 6A

**LIT 3383** The Image of Women in Literature - 6A

**LIT 3451** Literature and the Occult - 6A

**LIT 4386** British and American Literature by Women - 6A

**LIT 4804** Literature as Cultural Study - 6A

**MHE 4403** The Early History of Mathematics - 6A

**MHE 4406** The History of Modern Mathematics - 6A

**MHS 4052** Human Relations Skills in Counseling - 6A

**ML 3301** Music History/Baroque And Classic - 6A

**MUH 3302** Music History/Romantic And 20th Century - 6A

**MUH 4058** Intercultural Music In The Twentieth Century - 6A

**NUR 4097** Introduction to Nursing Humanities - 6A

**NUR 3826** Ethical Legal Aspects in Nursing and Health Disparities - 6A

**NUR 4655** Cultural Diversity in Health and Issues - 6A

**NUR 4655** Cultural Diversity in Health and Issues - 6A

**NUR 4655** Cultural Diversity in Health and Issues - 6A

**NUR 4655** Cultural Diversity in Health and Issues - 6A

**NUR 4194** An Interdisciplinary Perspective in HIV Disease - 6A

**NUR 4195** Issues in Advanced Illness, Dying and Death - 6A

**NUR 4330** Classroom Management of Children with Acute and Chronic Conditions - 6A

**NUR 4397** Strategies to Reduce Child and Adolescent Health Disparities - 6A

**NUR 4636** Community/Public Health: Population-Focused Nursing - 6A

**NUR 4645** Substance Abuse Across the Lifespan - 6A
PHH 4600 Contemporary Philosophy -6A 3
PHH 4700 American Philosophy  -6A 3
PHI 4073 African Philosophy  -6A 3
PHI 4300 Theory of Knowledge -6A 3
PHI 4320 Philosophy of Mind -6A 3
PHI 4362 Feminist Ethics -6A 3
PHI 4800 Aesthetics  -6A 3
PHM 4120 Major Black Thinkers  -6A 3
PHM 4331 Modern Political Philosophy -6A 3
PHM 4340 Contemporary Political Philosophy -6A 3
PHP 4000 Plato -6A 3
PHP 4010 Aristotle -6A 3
PHP 4740 The Rationalists -6A 3
PHP 4745 The Empiricists -6A 3
PHP 4788 Philosophy of Marxism -6A 3
PHY 4031 Great Themes in Physics -6A 3
POS 4894 Women and Law II -6A 3
POT 4661 The Politics of Identity, Difference and Inequality -6A 3
PUP 4323 Women and Politics -6A 3
REL 3114 Comedy, Tragedy, and Religion -6A 3
REL 3146 Womanist Vision in Religion -6A 3
REL 3191 Life After Death  -6A 3
REL 3280 Biblical Archaeology -6A 3
REL 3335 Comparative Religion: Judaism and Islam -6A 3
REL 3375 Issues in Jewish Religion -6A 3
REL 3465 Religion and the Meaning of Life -6A 3
REL 3561 Roman Catholicism -6A 3
REL 3602 Classics of Judaism -6A 3
REL 3613 Modern Judaism -6A 3
REL 4113 The Hero and Religion -6A 3
REL 4133 Mormonism in America -6A 3
REL 4171 Contemporary Christian Ethics -6A 3
REL 4177 Comparative Religious Ethics -6A 3
REL 4215 Ancient Israel and the Development of the Hebrew Bible -6A 3
REL 4217 Who Wrote the Bible (Genesis-Kings) -6A 3
REL 4218 Women and the Bible -6A 3
REL 4626 Reason in Religion: Talmudic Logic -6A 3
REL 4670 Judaism and Christianity After the Holocaust -6A 3
RUS 3500 Russian Civilization -6A 3
RUT 3110 Russian Classics in English -6A 3
RUT 3111 Twentieth Century Russian Literature in English -6A 3
SCE 4236 Science, Technology, Society Interaction -6A 3
SPA 4050 Introduction to the Clinical Process -6A 3
SPC 4201 Oral Tradition -6A 3
SPC 4632 Rhetoric and Social Change -6A 3
SPC 4714 Communication, Culture and Community -6A 3
SSE 4380 Global And Multicultural Perspectives in Education -6A 3
SYA 4935 Senior Seminar -6A 3
SYO 4430 Disability and Society -6A 3
SYP 4420 Consumer Culture -6A 3
THE 3110 Theatre History I -6A 3
THE 3111 Theatre History II -6A 3
THE 3174 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 4401 American Drama -6A 3
THE 4434 Caribbean Theatre -6A 3
THE 4435 Theatre of Pluralism -6A 3
THE 4562 Contemporary Performance Theory -6A 3
WST 3225 Women, Environment and Gender -6A 3
WST 4310 History of Feminism in the U.S. -6A 3
WST 4350 Women and Science -6A 3
WST 4522 Classics in Feminist Theory -6A 3
ZOO 4512 Sociobiology -6A 3

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
ECC 4008 Literature in Early Childhood Education -6A 3
EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues -6A 3
FRY 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 Literature 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
NCR 4121 Theoretical Foundations and Professional Role Development -6A 3
NUR 4194 An Interdisciplinary Perspective in HIV Disease -6A 3
NUR 4645 Substance Abuse Across the Lifespan -6A 3
PET 4933 Seminar in Sports Medicine -6A 3
POT 4109 Politics and Literature -6A 3
REL 3613 Modern Judaism -6A 3
REL 4177 Comparative Religious Ethics -6A 3
REL 4215 Ancient Israel and the Development of the Hebrew Bible -6A 3
REL 4217 Who Wrote the Bible (Genesis-Kings) -6A 3
REL 4218 Women and the Bible -6A 3
REL 4670 Judaism and Christianity After the Holocaust -6A 3
RUT 3110 Russian Classics in English -6A 3
RUT 3111 Twentieth-Century Russian Literature in English -6A 3
SYA 3310 Qualitative Inquiry -6A 3
SYG 3235 Latina Lives -6A 3
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 American Drama -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

"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
- Classics & Classical Languages
- Communication
- English
- French
- German

**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 3-8.
- Biology
- Chemistry
- Environmental Science
- Geology

**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.
- Anthropology
- Communication Sciences and Disorders
- Criminology
- Economics (Social Sciences)
- Geography
- Gerontology

**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
- Economics (Business)
- Finance
- General Business Administration

**Disciplinary Cluster 5: Engineering**
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical 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
- Art History
- Dance

**Disciplinary Cluster 7: Education**
- Behavior Disorders
- Business and Office Education
- Distributive Education
- Early Childhood Education
- Elementary Education
- Foreign Languages
- 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 attend 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 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 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.)

#### 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 Regis-
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 that language without first taking a placement examination administered by the Division of Languages and Linguistics. Should the placement examination indicate that remedial work is required (1120-1121), the student will be enrolled to mail of action taken.

The requirement may be fulfilled 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 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 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:

<table>
<thead>
<tr>
<th>Classical Languages</th>
<th>Modern Languages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greek (Ancient)</td>
<td>Arabic</td>
</tr>
<tr>
<td>Hebrew (Classical)</td>
<td>Hebrew (Modern)</td>
</tr>
<tr>
<td>Greek (New Testament)</td>
<td>Latin</td>
</tr>
</tbody>
</table>

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, American Studies, Anthropology, Communication, Communication Sciences and Disorders, Criminology, Economics, 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, 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 also 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
Candidates for graduation must have completed at least 30 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 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 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.
Interdisciplinary Natural Sciences (INS) (B.S.)
Interdisciplinary Social Sciences (ISS) (B.A.)
Urban Studies (ISU) (B.A.)
International 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.)
Public Relations (PUR) (B.A.)
Mathematics (MTH) (B.A.)
Medical Technology (MET) (B.S.)
Microbiology (MIC) (B.S.)
Philosophy (PHI) (B.A.)
Physics (PHY) (B.A.)
Physics (PHS) (B.S.)
Political Science (POL) (B.A.)
Psychology (PSY) (B.A.)
Applied Behavior Analysis (ABA) (B.A.)
Religious Studies (REL) (B.A.)
Russian (RUS) (B.A.)
Social Work (SOK) (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.S.)
Management Information Systems (ISM)
Management (MAN)
Marketing (MKT)

College of Education (B.A./B.S. option):
Athletic Training (BAT) (B.S.)
Early Childhood Education (BEC)
Elementary Education (BEE)
English Education (BEN)
Foreign Language Education (FLE)
French (BFF) (B.A.)
German (BFG) (B.A.)
Italian (BFI) (B.A.)
Russian (BFR) (B.A.)
Spanish (BSF) (B.A.)
Mathematics Education (BMA)
Physical Education (PET)
Exercise Science (BPW)
Science Education (SCE)
Biology (BSB)
Chemistry (BSC)
Physics (BSY)
Social Science Education (BSS)
Special Education
Varying Exceptionalities (BEX) (B.S.)

College of Engineering:
Chemical Engineering (ECH) (B.S.C.H.)
Civil Engineering (ECE) (B.S.C.E.)
Environmental Engineering (ENV) (B.S.C.E.)
Computer Engineering (ECP) (B.S.C.P.)
Computer Information Systems (EIF) (B.S.I.S.)
Computer Science (BCS) (B.S.C.S.)
Electrical Engineering (EEL) (B.S.E.E.)
Engineering, General (EGU) (B.S.E.)
Civil Engineering (FCE) (B.S.E.)
Environmental Engineering (PEV) (B.S.E.)
Chemical Engineering (PCM) (B.S.E.)
Computer Science (PCS) (B.S.E.)
Computer Engineering (PCP) (B.S.E.)
Computer Information Systems (PIF) (B.S.E.)
Electrical Engineering (PEE) (B.S.E.)
Industrial Engineering (PIE) (B.S.E.)
Mechanical Engineering (PME) (B.S.E.)
Industrial Engineering (EIE) (B.S.I.E.)
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.)
American Sign Language (ASG) (B.S.A.S.)
Behavioral Healthcare (ABH) (B.S.A.S.)
Business Administration (ABU) (B.S.A.S.)
Criminal Justice (ACJ) (B.S.A.S.)
Early Childhood Development (AEC) (B.S.A.S.)
Environmental Policy (AEP) (B.S.A.S.)
Gerontology (AGR) (B.S.A.S.)
Hospitality Management (AHG) (B.S.A.S.)
Industrial Operations (AIO) (B.S.A.S.)
Information Technology (ATC) (B.S.A.S.)
Public Administration (APU) (B.S.A.S.)
Public Health (APL) (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.)
Art History (AHI) (B.A.)
Art Studio (ARS) (B.A.)
Art (ARB) (B.F.A.)
Art Studio (ARS) (B.F.A.)
Graphic Design (AGD) (B.F.A.)
Art History (AHM) (B.A.)
Dance (DAN) (B.A./B.F.A.)
Ballet (DAB) (B.F.A.)
Modern (DAM) (B.F.A.)
Dance Studies (DAS) (B.A.)
Music (MUS) (B.M.)
Composition (MUC) (B.M.)
Jazz Composition (MJC) (B.M.)
Jazz Performance (MJP) (B.M.)
Music Education (MEU) (B.M.)
Performance (MPF) (B.M.)
Piano Pedagogy (MPP) (B.M.)
Music Education (MUE) (B.S.)
Music Studies (MSU) (B.A.)
Studio Art (SBF) (B.F.A.)
Studio Art (SBA) (B.A.)
Theatre (TAR/TFA) (B.A./B.F.A.)
Arts (TAA) (B.A.)
Design (TAD) (B.A./B.F.A.)
Performance (TAP) (B.A.)

The Honors College:
Individualized Interdisciplinary Honors Research/Compara-
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. Courses used in the major may not apply to the minor.
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 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 Studies
- Africana Studies
- African-American Studies
- American Sign Language
- American Studies
- Anthropology
- Biomedical Physics
- Chemistry
- Classics
- Communication
- 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
- 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

Engineering:
- Biomedical Engineering

Louis de la Parte Florida Mental Health Institute
- Behavioral Healthcare

College of Public Health
- General Public Health

Undergraduate Studies:
- Aerospace Studies
- Information Technology - General
- Information Technology - Technical
- Leadership Studies
- Military Leadership
- Naval Science and 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.
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 set forth by the college. (Eligibility for admission to the five-year program is determined by the college based on the student’s transcript.)

Second Baccalaureate Degree (Transfer 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 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:

1. Satisfy degree requirements for the five-year master’s program.
2. Satisfy requirements for the baccalaureate-level program.

Application for Graduation
In order to graduate, a student must submit an application for the bachelor’s 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 for the student to be assured of availability of academic regalia for participation in the graduation ceremony, certification of graduation by the end of the term, inclusion of name in the graduation Bulletin, and timely ordering of the diploma. Students who submit the application for graduation after the posted deadline but prior to the last day of classes for the academic term and who are determined to have met all graduation requirements in that semester may have their graduation posted that term. Students who submit an application after the graduation application deadline, and wish to graduate in that term, will be assessed a $50.00 late fee. Students must note that when applying late, their application may not be processed before the next term’s registration period if they have not met all degree requirements. Applications received after the last day of classes will result in the graduation being posted at the end of the following academic term. 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.

For academic reasons only, students may submit a new application for degree one time only after having completed all requirements for graduation. An approved application for degree will not be reversed unless the student makes a formal request to withdraw the application. In the event of death, the student’s permanent academic record will be posted accordingly.*

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. The University may also award baccalaureate, master’s, and doctoral 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 certification of completion may be posted to the student’s record.

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 notify the student 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,” Master of Arts 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 upper level coursework at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. For those students in programs requiring multiple clinical experiences (such as Nursing and Education), a baccalaureate candidate must have completed at least 30 hours of graded upper level coursework and have earned a grade point average of 3.5 or higher for all graded coursework attempted at USF. In addition, to be eligible for honors, transfer students and 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 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 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.

For purposes of honors recognition at the commencement 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.

NOTE: The GPA is not rounded up when determining honors at graduation (e.g., 3.69 is not the same as 3.70).

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.

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 institutions, 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 for the Associate of Arts Certificate.

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. Information about the ceremony can be found at www.usf.edu/commencement or by calling (813) 974-9406.
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 colleges with undergraduate programs will accept the Associate of Arts from USF. 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.
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.

TRANIENT 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.

USF Testing Services
Location/Phone: SVC 2060; (813) 974-2742
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://www.outreach.usf.edu/conted/testing/
The Office of Testing Services serves three 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. 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.
3. 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).

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 found at http://www.outreach.usf.edu/conted/testing 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 USF Testing Services (SVC 2060).
The CLEP General and Subject Examinations are administered on a daily basis on the Tampa Campus. Testing schedules are available in USF Testing Services (SVC 2060). Prior registration is required.

For information regarding CLEP examinations, please go to the USF Testing Services website http://www.outreach.usf.edu/conted/testing.

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.

For information regarding CLEP examinations, please go to the USF Testing Services website http://www.usf.edu/conted/testing.

COLLEGE REACH-OUT PROGRAM

Location/Phone: HAMS 497 or 499, (813) 974-3713

College Reach-Out is an academic program designed for low-income and educationally disadvantaged middle and high school students who have the academic potential for success in a postsecondary institution and plan to pursue a postsecondary education. 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 year round and summer academic enrichment programs. Admission requirements are listed below:
1. Family income must meet state guidelines.
2. Students must have completed the 5th 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, HAMS 497 or 499, USF or mailed to USF at HMS 413.

UPWARD BOUND

Location/Phone: HAMS 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 credit for 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: leam@doc.cfl.ufl.edu. Be sure to check out the home page: http://www.correspondencestudy.ufl.edu/.

USF 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 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 statewide 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 main 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 non-profit 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

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 by developing and supporting credit and noncredit programs.

Distance Learning

Educational Outreach assists USF colleges and departments offering courses, certificates, and degree programs in distance learning formats. Distance learning provides access to the university learning experience by removing barriers of time and place. Courses are available in a variety of disciplines and offer alternatives in time, place, format, or delivery systems to extend educational opportunities throughout the region and beyond. USF students may choose from a variety of technology options such as the World Wide Web, television, videoconferencing, and other technologies, which allow faculty and students to communicate at the same time or on a time-delayed basis at times that fit the student’s personal schedule. Distance learning courses are included with regular departmental offerings in OASIS and identified by distance learning icons; contact the department offering the course for more information.

Continuing Education

USF Educational Outreach’s Division of Continuing Education provides the following noncredit programs and services:
The Tampa Library is a collection of approximately 1.2 million volumes, 10,900 periodicals and 2,797,000 microforms to support a broad range and depth of faculty and student research as well as personal knowledge and cultural advancement.

**Reference Collection:** The Reference Collection is located on the first floor of the Tampa Library in the Information Commons. Reference librarians assist students and faculty with both electronic and print resources, including government documents. Reference assistance is also available online by selecting the Ask-A-Librarian link on the Library website and consists of encyclopedias, dictionaries, indexes, and abstracting services. Reference librarians teach information literacy classes to students and faculty in support of teaching and research using state-of-the-art electronic instruction and classrooms. The Library's instructor program focuses on the search, evaluation and application of information via the use of print collections, 400+ databases, and World Wide Web. One-on-one consultation appointments with librarians are available to any researcher in need of customized assistance.

**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 3,000 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 microform and microfilm is also located in the Periodicals Microform Room. The Library catalog 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 committee reports on microfiche, selected publications 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 Service Desk located in the Information Commons 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://web.lib.usf.edu/tampa/govdocs/](http://web.lib.usf.edu/tampa/govdocs/).

**Special Collections and Florida Studies Center:** 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 including Piers Anthony and Dion Bouicaut. 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 schoolbooks, cigar label art. A growing number of the department’s photographs and other resources have been digitized and are accessible online. Further information is available through the department’s website at [http://www.lib.usf.edu/spcoll/](http://www.lib.usf.edu/spcoll/).

**Access Services (circulation, interlibrary services, reserve services):** Access Services is located on the first floor. The reserve collection contains books, while all articles are on electronic lifelike learning skills.

The Tampa Library Senior Services, located on the first floor of the library, provides short courses in information, personal, and cultural enrichment. Students are encouraged to become familiar with the collection, to master the techniques of using it, and to achieve a familiarity with information resources that will become lifelong learning skills.

The USF Library System

Web address: [http://www.lib.usf.edu](http://www.lib.usf.edu)

**Tampa Library:** (813) 974-3272 (for hours, call 974-2727)

**Shimberg Health Sciences Library (Tampa Campus):** MDC 1200, (813) 974-2243

**Louis de la Parte Florida Mental Health Institute Library (Tampa Campus):** MHC 1744, (813) 974-4471

**Nelson Poynter Library (St. Petersburg Campus):** (727) 553-4305

**Jane Bancroft Cook Library (New College/Sarasota Campus):** (941) 359-4300

**Polk Community College & USF Lakeland Campus Library:** (863) 297-1042

**Shimberg Health Sciences Library:** MDC 1200, (813) 974-2243

**Louis de la Parte Florida Mental Health Institute Library:** MHC 1744, (813) 974-4471

**Nelson Poynter Library:** (813) 974-4471

**Jane Bancroft Cook Library:** (941) 359-4300

**Polk Community College & USF Lakeland Campus Library:** (863) 297-1042

All six libraries within the USF Library System contain over 1.9 million volumes, 13,000 serial titles, 47,000 electronic resources and 61,000 media materials. The state university libraries together contain over 10,000,000 volumes of information resources. Books and periodicals are cataloged and arranged on open shelves using the Library of Congress Classification System. Books may be checked out with renewal privileges; periodicals may not be checked out.

The USF Library System enhances teaching and learning through the delivery of online library resources and services to the dorm, office, or home as well as on-site at any of the USF Libraries. Special features include the online catalog, an electronic course reserve system, electronic journals, books and databases. Many electronic resources are full-text, and digitized historical materials such as photographs, documents, and oral history content, there is access to numerous library services such as interlibrary loan request forms, the ability to renew materials, and reference assistance services available on the website.

The Library catalog, also available online, may be searched by author, title, subject, and keyword to identify the libraries’ holdings. The Library catalog contains records for the USF libraries, as well as other catalogs of libraries within the state and worldwide. Workstations located in various USF libraries provide access to the online catalog. Remote access to the same catalog is also possible through any campus workstation linked to the USF network or via dial-in procedures.

The USF libraries can obtain materials from each campus, SUS and offsite libraries upon request. Students, staff and faculty can have access to resources by requesting material using online forms found at the USF Library System web page at [http://www.lib.usf.edu](http://www.lib.usf.edu).

More information about the USF Library System, including the electronic resources and library services to distance learners, is available at [http://www.lib.usf.edu](http://www.lib.usf.edu).

**TAMPA LIBRARY**

Central to the philosophy of the Tampa Library is the view that the people it serves are equally as important as the books on its shelves. Students are encouraged to become familiar with the collection, to master the techniques of using it, and to achieve a familiarity with information resources that will become lifelong learning skills.

The Tampa Library is a collection of approximately 1.2 million volumes, 10,900 periodicals and 2,797,000 microforms to support a broad range and depth of faculty and student research as well as personal knowledge and cultural advancement.

**Reference Collection:** The Reference Collection is located on the first floor of the Tampa Library in the Information Commons. Reference librarians assist students and faculty with both electronic and print resources, including government documents. Reference assistance is also available online by selecting the Ask-A-Librarian link on the Library website and consists of encyclopedias, dictionaries, indexes, and abstracting services. Reference librarians teach information literacy classes to students and faculty in support of teaching and research using state-of-the-art electronic instruction and classrooms. The Library's instructor program focuses on the search, evaluation and application of information via the use of print collections, 400+ databases, and World Wide Web. One-on-one consultation appointments with librarians are available to any researcher in need of customized assistance.

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**Access Services (circulation, interlibrary services, reserve services):** Access Services is located on the first floor. The reserve collection contains books, while all articles are on electronic
reservations. Faculty may request books and articles to be placed on reserve by going to http://library.usf.edu/libdev/resform1.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 or via the Library's website. A statement of the library’s circulation policy is available at the Service desk and on the USF Library’s homepage. Interlibrary services can obtain materials from other libraries upon request, providing university-affiliated patrons access to resources beyond the onsite collections at each campus. Forms for requesting materials are located on the Library’s homepage at http://library.usf.edu.

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 also available for group use of the collection. All foreign language videotapes have been digitized and made available online.

Instructional and Open-Use Labs: The Library has recently introduced the Information Commons on the renovated 1st floor. It allows for full access to the Library's Electronic resources as well as all information management software supported by Academic Computing at 125+ workstations. Trained assistance with the technologies and intellectual content of resources is available at a common service desk. Two labs, located on the second floor, are reserved for library instruction.

More information about the collections and services of the Tampa Library is available on the web at http://library.usf.edu.

ACADEMIC COMPUTING

Web Site: http://www.acomp.usf.edu
Helpdesk: LIB 117, 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 113, (Information Commons)
AC Trainers: LIB 618A, phone: 974-3286, email: actrainers@acomp.usf.edu
Web: http://www.acomp.usf.edu/group/training/
Campus Network Information Site: http://www.acomp.usf.edu/network
Netcast Broadcasting Site: http://www.netcast.usf.edu
Web Email Access: https://mailbox.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, official USF email and Internet access. Registered students must activate their automatically generated USF NetID, computing accounts, and password at https://una.acomp.usf.edu. The NetID provides access to USF's Webportal (myUSF), web email, Webspace and access to all Open Use Labs at USF. 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 Computing Core Facility (RCCF) division. RCCF maintains three Beowulf class cluster computers, a Condor based grid-computing cluster and a SUN grid engine computing grid. It also maintains and supports licensing of numerically intensive software. Training in some HPC subjects is available online from the RCCF website, http://rccf.acomp.usf.edu.

Academic Computing provides the University with High Performance Computing through its Research Computing Core Facility (RCCF). RCCF maintains several Beowulf class cluster computers, Condor based grid computing, large memory SMP systems, and licenses for research and instructional software. Training in some HPC subjects is available on-line from the RCCF website, http://rccf.acomp.usf.edu.

Academic Computing supports the myUSF Portal. This Web Portal guides 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. https://my.usf.edu.

Academic Computing provides students and staff who are concerned with the security of their personal computer a variety of information guides as well as free download of McAfee VirusScan on the USF Data Security Web Site, http://security.usf.edu. Academic Computing provides all students free email storage space, complete with virus scanner detection software, and web space for personal web pages. We are also one of the few Universities in the country to offer all students their own, easy to use blog pages. Details on these are available at http://blog.usf.edu.

INFORMATION TECHNOLOGIES/CFRDC

Phone: (813) 974-2930
Web Address: http://uswfonline.usf.edu/usfit/

The Division of Information Technologies (IT) supports USF’s administrative computing needs. IT operates a large-scale computing facility designated as the Central Florida Regional Data Center (CFRDC), which provides the primary administrative computing support to the University of South Florida and several other agencies. CFRD’s Tech Support staff provides a Windows/Unix administration, Database Administration and Security Management.

CFRDC utilizes a number of SUN/Solaris servers running Oracle based applications in support of USF, FGCU, NFC, and UNF’s Student, Financial, HR, Payroll and Data Warehouse applications. Numerous Windows servers support e-mail, web servers, file and print service, and a variety of applications. CFRDC administers and houses servers and/or provides tape back-up services for several USF departments.

IT is heavily involved in the management and operation of the campus-wide backbone network and the Internet2 initiative providing high-speed, quality of service access to research facilities on campus and around the world. IT also provides support to the telephone and voice mail systems at all USF campuses, as well as other entities.

PUBLIC BROADCASTING

WUSF Public Broadcasting is a membership supported, non-commercial public service media organization that celebrates educational, cultural and artistic excellence and is an authentic source of information for the people of the greater Tampa Bay and Sarasota region. WUSF 89.7 and TV 16 and wusf.org focus programming on issues of concern to citizens such as information on Education, Transportation, the Environment, the Economy and Growth Management.

WUSF 89.7, as an NPR member station, provides non-commercial, objective, in-depth journalism from more than 700 correspondents reporting from 17 domestic and 14 foreign news bureaus. WUSF 89.7 also provides classical music, jazz
and entertainment programs. WUSF 89.7 now offers a second audio channel of programming via HD Radio technology. The new stream called 89.72 broadcasts all news and public affairs 24 hours a day, seven days a week. Visit our website, www.wusf.org, for instructions on how to access the second audio stream. WUSF 89.7 has reached the highest audience in the station's history with 278,800 listeners per week.

As the public television service of USF, WUSF-TV brings a broader perspective to world events through BBC World News and Deutsche Welle World News. In March, 2001, WUSF-TV moved into a new, state-of-the-art telecommunications facility housed next to WUSF 89.7 located in the center of the USF campus. It employs digital technology, allowing WUSF-TV to broadcast four channels of educational programming at one time. These channels are available over the air, via direct broadcast satellites or from cable operators. Labeled “multicasting” this capacity enables WUSF and the University to share more of its wealth of educational and cultural resources. WUSF-TV reaches more than 850,000 viewers per week.

Intellis Media is a creative division of WUSF comprised of media, communications, engineering and production professionals. This resource of talent allows WUSF to provide customized communications, production and technology solutions to USF academic and support services units as well as clients in the corporate, government, education and non-profit sectors.

The WUSF website, www.wusf.org, provides a separate archive related to state news, focusing on the pending issues before legislators and the actions taken by our elected representatives and the Governor and his cabinet. Pod casts of locally produced news stories are available along with links to other NPR programs.

WUSF Radio Reading Service is a public service of the University of South Florida and WUSF Public Broadcasting. The Radio Reading Service serves the blind, physically disabled, visually impaired and those with reading disabilities by providing vital information to encourage independent living. It is a lifeline to those who rely on the 24-hour-a-day reading of newspapers, current magazines and health information programs. The WUSF Radio Reading Service has 150 dedicated volunteers who generously donate their time reading for the visually impaired.

WUSF works closely with the School of Mass Communications to provide students with practical experience and internships. USF’s Mass Communications students have an enlarged working studio environment where they may lean important on-the-job skills.

RESEARCH OFFICE
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 Research Office 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 Research Office 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 Research Office 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/%7Eschlaf/REU/; contact Dr. Rudy Schlaf, 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 Research Office 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 2004/05, USF received more than $287 million in research funding. USF got nearly half of its research funding from the federal government.

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, 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 Research Office is available at: http://www.research.usf.edu/.
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 in the Honors College Four Year Track. Four Year Track does not generally increase academic workload or the number of credits needed to graduate.

The Honors College offers a variety of accelerated programs in Medicine (7-year B.A./M.D.), Business (B.A./M.B.A.), Physical Therapy (B./A./D.P.T.), Public Health, and Medical Sciences (B.A./Ph.D.). Details may be found on the Honors College website or by calling the Honors College.

Potential Honors College Four Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request to be considered for admission. Invited students present at least a 3.70 high school GPAs and 1270 SAT I or EACT scores of 29. Many scholarships are available for Honors students.

Honors College Two Year Track students take four Honors courses that include: inquiry into major works and major issues, a Senior Thesis and an elective chosen from Honors offerings. Students also complete five to ten hours of a foreign language (on the college level) that may have been taken prior to enrollment at USF. Completion of the Honors core courses satisfies USF Exit Requirements. Enrolling in the Honors College Two Year Track does not generally increase academic workload or the number of credits needed to graduate.

Potential Honors College Two Year Track students are actively recruited, but any interested student who feels that he/she is qualified may request to be considered for admission. Students typically have 3.50 college GPAs. Many scholarships are available for Honors students.

Departmental Honors opportunities are available in some 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 Honors 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.

Honors Research Major

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.
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 freshman, 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 abilities, 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.
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 of Architecture and Community Design (SACD) offers graduate degrees and certificates. In some circumstances, undergraduates can enroll in the Master of Architecture Program before completing a baccalaureate degree (see below):

M. Arch. Program for non-degree holding students
For non-degree holding students, the School’s professional program involves a minimum of 165 credit hours of undergraduate and graduate work, leading to the M. Arch. 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 architecture transfer program), the University of South Florida, or other college or university. Having completed these requirements, students will complete the School’s 105 credit hour, M. Arch. program. In recognition of students’ various personal and economic needs, the School has designed three different 105 credit hours tracks, an 8-semester track, a 10-semester track, and an 11-semester track.

Students electing course of study will hold “undergraduate” status for the first 120 credit hours and “graduate” status for the remaining credit hour requirement.

In addition to, or part of, the undergraduate course requirements of 60 credit hours, all undergraduate students must have successfully completed the following prerequisites for admission into the program:

- ARC 2061 – Introduction to Architecture – 3 cr. hrs.
- creative art or design courses – 8 cr. hrs. (minimum)
- an undergraduate course in Calculus;
- an undergraduate course in Physics; and
- an undergraduate course in Computer-Aided Drafting (CAD)
- a GRE Test Score.

M. Arch. Program for students with a 2-year Associate’s Degree in Architecture
Students having a two-year, associates degree in architecture must complete a minimum of 93 credit hours in the School’s Master of Architecture program. Holders of an associate’s degree in Architecture will normally receive a waiver of 12 credit hours for their previous design studio experience, reducing the normal 105 credit hour M. Arch. degree requirement to 93 credit hours. Further, these students may receive waivers for the following architectural courses in which a grade of B or better was earned:
- Design Theory, History I, History II, and Structures I. However, pending the review of each applicant’s transcript and portfolio, these credit hour and course waivers may not be granted.

In addition to, or part of, these curricula requirements, all undergraduate students must have successfully completed the following prerequisites for admission to the program:

- an undergraduate course in Calculus;
- an undergraduate course in Physics; and
- an undergraduate course in Computer-Aided Drafting (CAD)
- a GRE Test Score.

Architecture Courses for undergraduate not seeking the M. Arch. degree
The School encourages other University students, not pursuing the M. Arch. degree, to enroll in its numerous undergraduate and graduate courses as electives within their individual majors. The School offers ARC 4784 – “The City” as an approved Exit course, as well as ARC 2001 – “Introduction to Architecture,” ARC 2131 – “Introduction to Architectural Design/Graphics”, ARC 2701 – “Architectural History I,” and ARC 2701 – “Architectural History II” as approved General Education courses. Credits earned in the School’s graduate level elective courses on a non-degree seeking basis can later be applied toward advanced standing in the M. Arch. curriculum by those students who meet the School’s admission requirements.

Admission into the School of Architecture and Community Design
In order to enroll in the M. Arch. program, interested students must be accepted into the University as well as the School. Undergraduate students must be accepted into the University of South Florida by the Office of Undergraduate Admissions and into the School of Architecture and Community Design. These are separate admissions processes that involve different application forms, supportive materials, and deadlines. For more detailed information, students should see Undergraduate Admissions online or visit the SACD website at http://www.arch.usf.edu/social/.

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 and elsewhere in the university and community. At the school, one may join the American Institute of Architecture Students (AIAS) and the Architecture College Council. Students participate in a wide range of school governance committees and task forces.

Study Abroad: The School sponsors summer study abroad programs in London, Spain, Italy, 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 2004 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, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a 6-year, 3-year, or 2-year term of accreditation, depending on the extent of its conformance with established educational standards.

Master's degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree which, when earned sequentially, comprise an accredited professional education. However, the preprofessional 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 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 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 departments 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 a context for community 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
Advising in the College of Arts and Sciences is decentralized. Students are counseled by academic advisors in the department of the student's major. 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. For a list of advisors, consult “Academic/Students” on the College of Arts and Sciences web page http://www.cas.usf.edu. Advising for Pre-Health Professions is provided through the Office of Graduate and Undergraduate Studies on the Tampa Campus.

Advising Offices

Tampa Campus: College of Arts and Sciences Office of Graduate and Undergraduate Studies, Behavioral Science Building (BEH), Room 201, (813) 974-6957. Advising for Pre-Health Professions are provided on the Tampa Campus.

Lakeland Campus: Student Services Office, (863) 667-7000, or (800) USF-5636 (in-state only).

Sarasota Campus: Palmer “C” Building (PMC), Room 101, (941) 359-4331/4330.

St. Petersburg Campus: Davis Hall, Room 134, (727) 553-1511/1507.

North Pinellas Initiative: USF classes at SPJC Clearwater (for Interdisciplinary Social Science majors), (727) 553-1511.

Pasco-Hernando Initiative: USF classes at PHCC (for Interdisciplinary Social Science majors): (727) 553-1511.

Office Hours
The Arts and Sciences Office of Graduate and Undergraduate Studies is open 8 a.m. to 5 p.m. Monday through Friday. Academic advisors and major departments should be contacted directly to obtain information about office hours and appointment availability. Students are also encouraged to utilize the College’s on-line advising information located at 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, Biology and Psychology are not limited access programs, they do have restrictive 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 available online for current students at http://www.cas.usf.edu/declare/. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the science curricula. Students seeking entrance into a health 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.

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 in USF coursework. Note: In English and Mass Communications students must have a 2.50 major GPA in USF coursework; Social Work requires a 2.75 major GPA in all coursework (USF and transfer coursework counted toward the major), and the Biology major with a concentration in Marine Biology requires a 3.0 major GPA in USF coursework.
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. Students should check with the college when pursuing more than one degree.

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 at a Florida public university in the Florida State University system 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 (Biology, Chemistry, Geology, Math, and Physics). “D” grades are not acceptable for the major area in Anthropology, Communication, Communication Sciences and Disorders, English, Geography, Gerontology, 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, Biomedical 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 outside the natural sciences must take a minimum of 80 hours outside of the major department.

17. Students must satisfy CLAST (College Level Academic Skills Test).

Turn in your graduation application to BEH 201 during the 1st to the 4th week of the semester in which you plan to graduate.
Special Programs

COMMUNITY EXPERIENTIAL LEARNING PROGRAM

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 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 the program will be denied the certificate.

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:
GCA 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)*
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. Patrizia LaTrecchia 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 Languages:
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. A B.A. program is in the final stages of approval and is expected to commence 2006/07. 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 (Spanish, Portuguese, French, or
Amerindian language) or have two semesters of relevant for-
eign language courses. Students who already know a Latin
American or Caribbean language are strongly encouraged to
learn a second language.
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 encour-
gaged to review the Schedule of Classes each semester for
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 America 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
   See also: Sociology, Economics, Study Abroad.
   For information and advice about the certificate program,
   contact the Institute for the Study of Latin America and The
   Caribbean, CPR 474, or call 974-3547. The program is open
to all majors in all colleges. Applications are available at http://
web.usf.edu/iac/islac/.

CERTIFICATE IN MODERN WESTERN
EUROPEAN STUDIES

The College of Arts and Sciences offers this certificate
through the collaboration of the Departments of English, Geog-
raphy, History, Humanities and American Studies, Government
and International Affairs, World Languages, 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 Ameri-
cans 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
coursework 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 3205 History of Nineteenth Century Europe
   or
   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 4955 (Off-Campus Term International Pro-
      gram),
   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.

   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.

   A structured alternative experience in the United States
   may be substituted for the Overseas Experience. The
   Certificate accepts IDS 4955 or 4956 (Off-Campus Term
   Special Project) or any of the courses listed below as
   Elective Courses for credit for this requirement. Coordi-
   nator, Advisory Committee and student will tailor the
   experience to fit the student’s individual needs.

B. English
   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
   LIT 3102 Literature of the Western World II Since the
   Renaissance

C. History
   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 Readings

D. Humanities and American Studies
   HUM 4437 Italian Renaissance Culture
   HUM 4438 Northern Renaissance Culture
   HUM 4440 Arts and Letters in the 17th and
   18th Centuries
   HUM 4442 Arts and Letters of the Romantic Period
   HUM 4444 19th Century European Arts and Letters
   HUM 4445 20th Century European Arts and Letters
RUS 2201 Russian IV
RUS 3240 Conversation I
RUS 3500 Russian Civilization
RUS 4241 Conversation II
RUT 3110 Russian Classics in Translation
RUT 3111 Twentieth Century Russian Literature in Translation
RUS 2270 Overseas Study
RUS 3470 Overseas Study
RUS 4471 Overseas Study

History-Political Science-Economics
Six to eight hours from the following courses:
CPO 2002 Introduction to Comparative Politics
CPO 4930 Comparative Government and Politics
ECO 4323 Radical Political Economy
ECO 4935 Russian Political Economy
EUH 3574 Russian History to 1865
EUH 3576 Russian History from 1865
to Present

International Studies-Geography-Philosophy:
Six to eight hours from the following courses:
EUS 3022 Russia
GEA 3500 Geography of Europe
INR 5086 Issues in International Relations
INR 3018 World Ideologies
INR 4900 Directed Readings
INR 4910 Directed Research
INR 3955 Overseas Study
INR 4931 Selected Topics
PHP 4788 The Philosophy of Marxism

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
URS 3003 Urban Sociology or

And 2 of the following:
ANT 4442 Urban Life and Culture
ARC 4784 The City
ECP 3613 Economics of the Urban Environment
GEO 3602 Urban Geography
ISS 3930 Community Studies
ISS 4162 City and Urbanization
POS 3142 Introduction to Urban Politics and Government
SYD 4410 Urban Sociology

Courses may have prerequisites within the discipline.

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)
2) Methods Courses (select 1 of the following: 3-4 credits)
ANT 4495 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 4151C 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)

African Studies
AFA 4331 Social Institutions and the African-American Community (3)
AMH 3572 African American History since 1865 (3)
AMS 3700 Racism in American Society (3)
AFA 4335 Black Women in America (3)
AFA 4931 Social and Cultural Issues in Black Urban Life (3)
PUP 3313 Blacks in the American Political Process (3)

Anthropology
ANT 4316 Ethnic Diversity in the U.S. (3)
ANT 4462 Health, Illness and Culture (3)
ANT 4701 Applied Anthropology (3)
ANT 4930 Special Topics in Anthropology (3)

Communication
SPC 3710 Communication and Cultural Diversity (3)
SPC 4714 Communication, Culture and Community (3)

Civil and Environmental Engineering
CES 4000 Structures and Urban Environments for Non-Engineers (3)
TTE 5501 Transportation Planning and Economics (3)

Criminology
CCJ 3003 Crime and Justice in America (4)
CCJ 3024 Survey of the Criminal Justice System (3)
CCJ 3610 Theories of Criminal Behavior (3)
CCJ 3621 Patterns of Criminal Behavior (3)
CJIE 4044 Police and Juvenile Delinquency (3)
CJE 4114 American Law Enforcement Systems (3)
CJJ 4210 Developmental Aspects of Juvenile Delinquency (3)
CJJ 4211 Juvenile Substance Use (3)

Economics
ECO 4323 Radical Political Economy (3)
ECO 4504 Public Finance (3)
ECP 3201 Economics of Women and Work (3)
ECP 3203 Labor Economics (3)
ECP 3302 Environmental Economics (3)
ECP 3530 Economics of Health (3)
ECO 4935 Economics of Crime (3)

Geography
GEO 4502 Economic Geography (4)
GEO 4604 Advanced Urban Geography (4)
GEO 4700 Transportation Geography (4)
URP 4052 Urban and Regional Planning (4)

Gerontology
GEV 3323 Community Services for Older Adults (3)

History
AMH 3423 Modern Florida (4)
AMH 3500 American Labor History (4)
AMH 3530 Immigration History (4)
AMH 3572 African American History since 1865 (3)
HIS 3930 Special Topics: The City in History (3)
HIS 3930 Special Topics: The History of Tampa (3)

HIS 3930 Special Topics: The History of St. Petersburg (3)

Humanities and American Studies
AMS 3700 Racism in American Society (3)

Political Science
POS 2112 State & Local Government and Politics (3)
POS 3145 Governing Metropolitan Areas (3)
POS 4165 Community Leaders and Politics (3)
POS 3931 Special Topics: Politics of St. Petersburg (3)
PUP 3313 Blacks in the American Political System (3)
PUP 4002 Public Policy (3)
PUP 5155 Issues of Urban Government and Politics (3)

Psychology
SOP 4714C Environmental Psychology (3)

Public Administration
PAD 3003 Introduction to Public Administration (3)
PAD 4204 Public Financial Administration (3)
PAD 5333 Concepts & Issues in Public Planning (3)
PAD 5807 Administration of Urban Affairs (3)

Social Work
SOW 3203 The American Social Welfare System (3)

Sociology
SYO 3120 Sociology of Families (3)
SYO 3530 Poverty, Inequality, and Stratification (3)
SYO 3700 Racial and Ethnic Relations (3)
SYP 4510 Sociological Aspects of Deviance (3)
SYP 4530 Sociology of Juvenile Delinquency (3)

4) Internships (1 of the following can be substituted as an ELECTIVE)
CCJ 4940 Internship for Criminal Justice Majors (3)
HUM 4941 Study on Location (3)
IDS 4942 CEL Community Internship (3)
IDS 4956 CEL International Community Internship (3)
POS 4941 Field Work (3)
SYA 4949 Sociological Internship (3)

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.

CERTIFICATE IN WOMEN’S STUDIES

The Undergraduate Certificate in Women’s Spirituality is designed through the collaboration of Women’s Studies and Religious Studies for majors in any field who wish to understand women’s experiences in relation to diverse spiritualities, past and present. This program is intended for all students who have an interest in spirituality and personal growth. The Women’s Spirituality Certificate complements a wide range of undergraduate majors and professional careers. The Certificate is also valuable for non-degree seeking students interested in personal development and spiritual inquiry.

Students are required to take 15 credit hours from a list of courses approved for the certificate. Other courses would need the approval of the advisor.

Relevant Study Abroad Programs in India/Asia offered by Dr. Grewal (Associate Professor in Women’s Studies) may be credited with at least 3 semester hours toward the certificate.

Please contact Dr. Gurleen Grewal at FAO 167, (813) 974-0984, or by email ggrewal@cas.usf.edu.

1) Courses (15 credits)
REL 3132 Witchcraft and Paganism in America (3)
REL 3145 Women and Religion (3)
REL 3146 Womanist Vision in Religion (3)
REL 4218 Women and the Bible (3)
REL 4930 Selected Topics (3)
WST 4930 Selected Topics (3)

*Selected Topics courses approved by the advisor.
Other courses may be substituted for those listed above upon approval of the advisor in either Religious Studies or Women’s Studies.

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, Shriners Hospital for 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 developing a sense of understanding of cultural and humane values as well as basic social problems. Students should also have some clinical and/or volunteer experience related to the medical field.

Students considering one of 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.

For specific information about the following programs in Florida, please see our health professions website at: http://www.cas.usf.edu/health_professions.

- Medical
  For information regarding the USF Medical program, please visit http://hsc.usf.edu/medicine.
- Dental
- Optometry
- Physical Therapy
  For information regarding the USF Physical Therapy program, please visit http://dpt.hsc.usf.edu.
- Veterinary Medicine
- Pharmacy
- Physician Assistant

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:

<table>
<thead>
<tr>
<th>Biology</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010, 2010L</td>
<td>Biology I: Cellular Processes</td>
<td>(3,1)</td>
</tr>
<tr>
<td>BSC 2011, 2011L</td>
<td>Biology II: Diversity</td>
<td>(3,1)</td>
</tr>
</tbody>
</table>

Chemistry

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045, 2045L</td>
<td>General Chemistry I</td>
<td>(3,1)</td>
</tr>
<tr>
<td>CHM 2046, 2046L</td>
<td>General Chemistry II</td>
<td>(3,1)</td>
</tr>
<tr>
<td>CHM 2210, 2210L</td>
<td>Organic Chemistry I</td>
<td>(3,2)</td>
</tr>
<tr>
<td>CHM 2211, 2211L</td>
<td>Organic Chemistry II</td>
<td>(3,2)</td>
</tr>
</tbody>
</table>

Physics

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2053, 2053L</td>
<td>General Physics I</td>
<td>(3,1)</td>
</tr>
<tr>
<td>PHY 2054, 2054L</td>
<td>General Physics II</td>
<td>(3,1)</td>
</tr>
</tbody>
</table>

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.

Requirements for B.S. Degree for Early Admission Students

Early admission to professional school is exceptional with today’s competitive applicant pool; however, a few students may be admitted prior to completion of the bachelor’s degree through special programs such as the University Honors Program.

There are no State Mandated Common Prerequisites for this degree program.

Students planning on early admission should begin studies at a 4-year institution as professional schools require at least 1 year of studies at a university prior to application. Depending upon the professional school, additional science courses may be required or strongly recommended as indicated in the preceding sections. Exposure to a health profession is also strongly recommended.

Students who are admitted to an accredited U.S. medical or dental school after completing their junior year at the University of South Florida may be awarded the B.S. degree in Biomedical Sciences from the College of Arts and Sciences subject to the following conditions:

1. Transfer of a minimum of 30 semester hours of science courses from an accredited medical or dental school.
2. Completion of a minimum of 90 semester hours of credit with a minimum grade point average of 2.0 prior to transfer to the medical or dental school.
3. Completion of the following courses with at least a C- in each course:

   - Biology
     BSC 2010, 2010L  Biology I: Cellular Processes       | (3,1)   |
     BSC 2011, 2011L  Biology II: Diversity             | (3,1)   |
     MCB 3020C  General Microbiology                     | (4)     |
   - 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)   |
   - 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)        | (3,1)   |
     PCB 3063, 3063L  General Genetics (lab optional)    | (3,1)   |
     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                       | (3)     |
     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                                   | (4)     |
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, multicultural 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 and thereby transferring maximum credit 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.

- **AFA 2000 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. 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 & 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)

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 Africana Studies** (1-3)
- **AFS 4311 The African Diaspora: Blacks in the Construction of the Americas** (3)
- **AMS 3700 Racism in American Society** (3)
- **ANT 4340 The Caribbean** (3)
- **AML 3604 African American Literature** (3)
- **AML 4303 Major Works: Zora Neale Hurston** (3)
- **AFA 4624 Black Women Writers** (3)
- **HUM 2420 Arts and Music of the African People** (3)
- **PHM 4120 Major Black Thinkers** (3)

#### African Studies (Suggested)

- **AFA 4150 Africa and the United States** (3)
- **AFA 4313 Black English** (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 Topic in Africana Studies (1-3)
AFS 2250 Culture and Society of Africa (3)
AFS 3153 African Literature Survey (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)
PHI 4073 African Philosophy (3)

**Africana 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 4400 Middle Passage (3)
AFA 4931 Selected Topics in Africana Studies (1-3)
AFS 2250 Culture and Society in Africa (3)
AFS 3153 African Literature Survey (3)
AFS 4311 The African Diaspora: Blacks in the Construction of the Americas (3)
AML 3604 African American Literature (3)
AML 4624 Black Women Writers (3)
ANT 4340 The Caribbean (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 People of the African People (3)
PHI 4073 African Philosophy (3)
PHM 4120 Major Black Thinkers (3)

**Requirements for the Minor in Africana Studies**

The minor in Africana Studies requires a minimum of 18 credit hours. As in the major, students may choose an area of emphasis in African American Studies, Africana Studies, or African Studies. The requirements for the minor are as follows:

Minor Requirements (18 Hours): Three Options

**Africana Studies- Option I**

*Required Core Classes (9 Hours)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora]</td>
<td>(3)</td>
</tr>
<tr>
<td>AFH 3100 African History To 1850</td>
<td>(3)</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>AFH 3200 African History Since 1850</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH 3571 African American History To 1865</td>
<td>(3)</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>AMH 3572 African American History Since 1865</td>
<td>(3)</td>
</tr>
</tbody>
</table>

*Elective Classes (Select 9 Hours)*

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>AFA 4150 Africa And The United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AFA 4335 Black Women In America</td>
<td>(3)</td>
</tr>
<tr>
<td>AFA 4931 Selected Topics In Africana Studies</td>
<td>(1-3)</td>
</tr>
<tr>
<td>ANT 4340 The Caribbean</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO 4204 Government And Politics Of Africa</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO 4244 Government And Politics Of East, Central, and Southern Africa</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 2420 Arts And Music of the African People</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4254 Africa In World Affairs</td>
<td>(3)</td>
</tr>
<tr>
<td>PHM 4120 Major Black Thinkers</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**African American Studies-Option II**

*Required Core Classes (9 Hours)*

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000 Introduction to the Black Experience [In Africa and Its Diaspora]</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH 3571 African American History to 1865</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH 3572 African American History Since 1865</td>
<td>(3)</td>
</tr>
</tbody>
</table>

*Elective Classes (Select 9 Hours)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 4150 Africa and the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AFA 4331 Social Institutions and the African American Community</td>
<td>(3)</td>
</tr>
<tr>
<td>AFS 4311 The African Diaspora: Blacks in the Construction of the Americas</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 2420 Arts and the Music of the African People</td>
<td>(3)</td>
</tr>
<tr>
<td>PHM 4120 Major Black Thinkers</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**African Studies-Option III**

*Required Classes (9 Hours)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 4931 Selected Topics in Africana Studies</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO 4244 Government and Politics of Africa</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4254 Africa in World Affairs</td>
<td>(3)</td>
</tr>
</tbody>
</table>

*Electives (Select 9 Hours)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 4150 Africa and the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AFA 4931 Selected Topics in Africana Studies</td>
<td>(1-3)</td>
</tr>
<tr>
<td>CPO 4244 Government and Politics of East, Central, and Southern Africa</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 2420 Arts and Music of the African People</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 4254 Africa in World Affairs</td>
<td>(3)</td>
</tr>
</tbody>
</table>

- **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, public policy analysis, and applied linguistics.

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 transferring 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. In order to graduate, students must maintain an average best attempt 2.5 GPA in all courses counted toward the major. In addition, students must have a minimum C (2.0) grade in all classes that count towards the major, including specifically required classes and electives. A C- grade is not acceptable.

ANT 2000, although suggested, is not a prerequisite to intermediate level courses. ANT 2000 may, however, be included in the 36 credit hour major requirement. Students who have not taken ANT 2000 must make up the missing hours with elective coursework. 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. A minimum of three (3) of these 15 credits must be selected from a list of designated methods courses. Methods courses may also be counted toward the subdivision requirement.

### Required Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<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>
</tr>
<tr>
<td>ANT 4935</td>
<td>Rethinking Anthropology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

### Area Electives

#### Archaeology

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>ANT 4142</td>
<td>Old World Archaeology</td>
<td>(3)</td>
</tr>
<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>
<tr>
<td>ANT 4153</td>
<td>North American Archaeology</td>
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</tr>
<tr>
<td>ANT 4158</td>
<td>Florida Archaeology</td>
<td>(4)</td>
</tr>
<tr>
<td>ANT 4165</td>
<td>South American Archaeology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4163</td>
<td>Mesoamerican Archaeology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4172</td>
<td>Historical Archaeology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4180</td>
<td>Laboratory Methods in Archaeology</td>
<td>(2-4)</td>
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<tr>
<td>ANT 4141</td>
<td>Museum Methods</td>
<td>(4)</td>
</tr>
<tr>
<td>ANT 4183C</td>
<td>Archaeological Science</td>
<td>(4)</td>
</tr>
<tr>
<td>ANT 4195</td>
<td>Fantastic Archaeology</td>
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</tr>
<tr>
<td>ANT 4824</td>
<td>Archaeological Field Methods</td>
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#### Biological Anthropology

<table>
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<tr>
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<tbody>
<tr>
<td>ANT 4520</td>
<td>Forensic Anthropology</td>
<td>(4)</td>
</tr>
<tr>
<td>ANT 4586</td>
<td>Prehistoric Human Evolution</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4587</td>
<td>Human Variation</td>
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#### Anthropological Linguistics

<table>
<thead>
<tr>
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</thead>
<tbody>
<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>
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</table>

#### Cultural Anthropology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ANT 4231</td>
<td>Folklore</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>Magic and Religion</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4285</td>
<td>Oral History</td>
<td>(3)</td>
</tr>
<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>
</tr>
<tr>
<td>ANT 4316</td>
<td>Ethnic Diversity in the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4323</td>
<td>Mexico and Central America</td>
<td>(3)</td>
</tr>
<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>
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<tr>
<td>ANT 4432</td>
<td>The Individual and Culture</td>
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### Special Topics

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANT 4930</td>
<td>Special Topics</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Depending upon the specific topic, this may count toward any of the subdivisions and/or the methods requirement.

Anthropology majors are urged to become competent readers in 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 all 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. ANT 2000, although suggested, is not a prerequisite to subsequent courses, although it may be included in the 18 credits required for the minor.

1. 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

2. 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 3.25 GPA overall, 3.5 GPA for USF anthropology course work), a 2-page personal statement indicating research interests, and a letter of recommendation from a member of the Department of Anthropology. Successful completion of the program requires maintenance of a 3.25 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 4970 (3) (Honors Thesis) with a grade of "S," and completion of all other requirements for graduation. See the Anthropology Department Undergraduate Advisor for further information and application forms.

- **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 prerequisites 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 and BSC 2011, or equivalents); two semesters of college-level basic chemistry (CHM 2045 and CHM 2046, 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 Entrance into the Biology Degree with a Concentration in Marine Biology

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 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
  - Introduction to Biology II-Diversity (with lab)
  - Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013

### Required Courses for the Biology Major

1. **Department of Biology Courses-minimum 40 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. PCB 3023 Cell Biology (3)
   - f. PCB 3043 Principles of Ecology (3)
   - g. PCB 3063 General Genetics (3)
   - h. PCB 3712 General Physiology (3)

2. **TWO of the following:**
   - a. PCB 3023L Cell Biology Laboratory (1)
   - b. PCB 3043L Principles of Ecology Laboratory (1)
   - c. PCB 3713L General Physiology Laboratory (1)
   - d. PCB 3063L General Genetics Laboratory (1)

3. **d. 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.**

4. **e. A maximum of four (4) credit hours of Undergraduate Research (BSC 4910 or MCB 4910) or Biology Honors Thesis (BSC 4970) may be applied.**

5. **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 32 credit hours**

   - a. BCH 3023 General Chemistry I (3)
   - b. BCH 3045L General Chemistry I Laboratory (1)
   - c. BCH 3046 General Chemistry II (3)
   - d. BCH 3046L General Chemistry II Laboratory (1)
   - e. BCH 3048L General Chemistry II Laboratory (2)
   - f. BCH 3048L General Chemistry II Laboratory (1)
   - g. BSC 2010L Biology I Cellular Processes (3)
   - h. BSC 2011L Biology II Diversity (3)
   - i. BSC 2011L Organic Chemistry I (3)
   - j. BSC 2011L Organic Chemistry I Laboratory (2)
   - k. BSC 2011L Organic Chemistry II Laboratory (2)
   - l. MAC 2241 Life Sciences Calculus I (4)
   - m. MAC 2242 Life Sciences Calculus II (4)
   - n. MAC 2281 Engineering Calculus I (4)
   - o. MAC 2281 Engineering Calculus I (4)
   - p. MAC 2282 Engineering Calculus II (4)
   - q. MAC 2282 Engineering Calculus II (4)
   - r. MAC 2311 Calculus I (4)
   - s. MAC 2312 Calculus II (4)
   - t. STA 2023 Introductory Statistics I (4)
   - u. PHY 2048 General Physics I (3)
   - v. PHY 2048L General Physics I Laboratory (1)
   - w. PHY 2049 General Physics II (3)
   - x. PHY 2049L General Physics II Laboratory (1)

CHM 1045/1045L General Chemistry I (with lab)
CHM 1046/1046L General Chemistry II (with lab)
CHM 2210/2210L Organic Chemistry I (with lab)
CHM 2211/2211L Organic Chemistry II (with lab)
CHM 2211/2211l Organic Chemistry II (with lab)
Acceptable substitutes: PHY 3043/3043L, 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, 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.
### 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**
- **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)

**2. Supporting Courses in the Natural Sciences-minimum 32 credit hours**
- **MAC 2233** Engineering Calculus I (4)
- **MAC 2234** Engineering Calculus II (4)
- **MAC 2241** Life Sciences Calculus I (4)
- **MAC 2242** Life Sciences Calculus II (4)
- **PHY 2053** General Physics (3)
- **PHY 2054** General Physics (3)
- **PHY 2054L** General Physics Laboratory (1)
- **PHY 2055** General Physics (3)
- **PHY 2055L** General Physics Laboratory (1)
- **PHY 2056** General Physics (3)
- **PHY 2056L** General Physics Laboratory (1)

**3. Meet all College and University requirements.

### 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.

**1. Department of Biology Courses-minimum 42 credit hours**
- **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)

**2. Supporting Courses in the Natural Sciences-minimum 32 credit hours**
- **MAC 2233** Engineering Calculus I (4)
- **MAC 2234** Engineering Calculus II (4)
- **MAC 2241** Life Sciences Calculus I (4)
- **MAC 2242** Life Sciences Calculus II (4)
- **PHY 2053** General Physics (3)
- **PHY 2054** General Physics (3)
- **PHY 2054L** General Physics Laboratory (1)
- **PHY 2055** General Physics (3)
- **PHY 2055L** General Physics Laboratory (1)

**3. Meet all College and University requirements.
CHM X045/X045L General Chemistry I (with lab)  
CHM X046/X046L General Chemistry II (with lab)  
CHM X210/X210L Organic Chemistry I (with lab)  
Acceptable substitutes: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent  
CHM X211/X211L 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  

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 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)  
   BSC 2011L Biology II Diversity Laboratory (1)  
   PCB 3023 Cell Biology (3)  
   PCB 3023L Cell Biology Laboratory (1)  
   PCB 3043 Principles of Ecology (3)  
   PCB 3063 General Genetics (3)  
   BCH 3023 Introductory Biochemistry (3)  
   a. BCH 3023 Introductory Biochemistry (3)  
   b. PHV 2048L General Physiology I Laboratory (1)  
   PHV 2049L General Physiology II Laboratory (1)  
   PHV 2049L General Physiology II Laboratory (1)  
   OR  
   PHV 2053 General Physiology (3)  
   PHV 2053L General Physiology Laboratory (1)  
   PHV 2054 General Physiology (3)  
   PHV 2054L General Physiology Laboratory (1)  
   e. BCH 3023 Introductory Biochemistry (3)  
   f. BCH 3023 Introductory Biochemistry (3)  

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)  
   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)  
      and  
   MAC 2242 Life Sciences Calculus II (4)  
   OR  
   MAC 2281 Engineering Calculus I (4)  
   and  
   MAC 2282 Engineering Calculus II (4)  
   OR  
   MAC 2311 Calculus I (4)  
   and  
   MAC 2312 Calculus II (4)  
   OR  

3. Meet all College and University requirements.

**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 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, and requires a written thesis. A Research Seminar is presented by the student.

Year 1  
BSC 2010 Biology I with lab - Honors section (CHM 2045 Pre- or Co-requisite) (4)  
BSC 2011 Biology II with lab - Honors section (4)  
BSC 4931 Selected Topics - Honors Seminar I - Introduction to Biology Research (1)  

Year 2  
BSC 4932 Selected Topics - Honors Seminar II - Philosophy/Ethics (3)  
BSC 4933 Selected Topics - Honors Seminar III - Scientific Approaches (3)  

Year 3  
BSC 4910 Undergraduate Research - Biology Faculty Member's Laboratory (2)  

Year 4  
BSC 4910 Undergraduate Research (2)  
BSC 4933 Selected Topics - Honors Seminar IV - Biology Department Seminar (1)  

Credits: 8 beyond normal Biology degree (4 research credits can count towards total of 40 Biology credits)  
2 beyond University Honors (HS II and HS III & Research counts toward University Honors)

**CHEMISTRY (CHS/CHM/BMS/INS/MET)**

The Department of Chemistry awards five degrees at the baccalaureate level: the Bachelor of Arts in Chemistry and, four Bachelor of Science degrees, in Chemistry, Biomedical Sciences, Interdisciplinary Natural Sciences, and Medical Technology. The Bachelor of Arts in Chemistry is also offered with an emphasis in Biochemistry or an emphasis for Health Professions. The Chemistry Department also awards three degrees at the graduate level, a non-thesis Master of Arts, the Master of Science and the Doctor of Philosophy. 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 chemical 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 grades (A, B, C, D, F). I except those courses which are graded S/U only. (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.

### 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. Unused stated otherwise, a grade of “C” is the minimum acceptable grade.

- CHM X045/X045L General Chemistry I (with lab) or CHM 1045C, or 1045E
- CHM X046/X046L General 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 2211L/2211L Organic Chem II & Lab or CHM 2211C
- OR
- PHY 2048/2048L Gen Physics I & Lab or PHY 2048C, or
- PHY 2053C
- PHY 2049/2049LGen 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<td>CHM 2045</td>
<td>General Chemistry I</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2045L</td>
<td>General Chemistry I Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2046</td>
<td>General Chemistry II</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2046L</td>
<td>General Chemistry II Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2210L</td>
<td>Organic Chemistry I Lab</td>
<td>(3)</td>
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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>(3)</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 3120C</td>
<td>Elementary Analytical Chemistry I</td>
<td>(4)</td>
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<td>CHM 3400</td>
<td>Elementary Physical Chemistry I</td>
<td>(3)</td>
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<td>CHM 3402L</td>
<td>Elementary Physical Chemistry Lab</td>
<td>(3)</td>
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<td>CHM 3610</td>
<td>Intermediate Inorganic Chemistry I</td>
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<tr>
<td>CHM 3993</td>
<td>Independent Study</td>
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**Required Chemistry Electives**

- MAC 2281 Eng Calculus I (3)
- MAC 2282 Eng Calculus II (3)

**Content varies each semester.**

### Required Supporting Courses (14-16 credit hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
<td>(4)</td>
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<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
<td>(4)</td>
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<tr>
<td>MAC 2281</td>
<td>Eng Calculus I</td>
<td>(3)</td>
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<tr>
<td>MAC 2282</td>
<td>Eng Calculus II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 2053</td>
<td>Physics I</td>
<td>(3)</td>
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<tr>
<td>PHY 2054</td>
<td>Physics II</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 2054L</td>
<td>Physics II Lab</td>
<td>(1)</td>
</tr>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2210L</td>
<td>Organic Chemistry I Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
<td>(3)</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 3120C</td>
<td>Elementary Analytical Chemistry I</td>
<td>(4)</td>
</tr>
<tr>
<td>CHM 3400</td>
<td>Elementary Physical Chemistry I</td>
<td>(3)</td>
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<tr>
<td>CHM 3401</td>
<td>Elementary Physical Chemistry II</td>
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<td>CHM 3402L</td>
<td>Elementary Physical Chemistry Lab</td>
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<td>CHM 3610</td>
<td>Intermediate Inorganic Chemistry I</td>
<td>(3)</td>
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<tr>
<td>CHM 3610L</td>
<td>Intermediate Inorganic Chemistry Lab</td>
<td>(3)</td>
</tr>
<tr>
<td>CHM 3993</td>
<td>Independent Study</td>
<td>(6 credit hours)</td>
</tr>
</tbody>
</table>

**Content varies each semester.**

### Required natural science or engineering electives (8 credit hours)


### 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)
- 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)
- BCH 3023 Introductory Biochemistry (3)
- BCH 3023L Basic Biochemistry Lab (2)
- BCH 4034 Advanced Biochemistry (3)

**Required Chemistry Electives** (9 credit hours)
- Minimum of 9 hrs. selected from the following:
  - CHM 3400 Elementary Physical Chemistry I* (3)
  - CHM 3401 Elementary Physical Chemistry II* (3)
  - CHM 3610 Intermediate Inorganic Chemistry (3)
  - CHM 3610L Intermediate Inorganic Chem Lab* (1)
  - CHM 4060 Use of the Chemical Literature (1)
  - CHM 4070 Historical Perspectives in Chemistry (3)
  - CHM 4932 Selected Topics in Chemistry** (3)
  - CHM 4070 Historical Perspectives in Chemistry (3)

*Content varies each semester.

**Required Supporting Courses**
- Minimum of 9 hrs. selected from the following:
  - PCB 4723 (3)
  - PCB 4723L (1)

**BA in Chemistry, emphasis for Health Professions (CHM)**

A chemistry core is essential for preparation for medical, dental, veterinarian and other health related professions. The B.A. in Chemistry includes this core as well as the flexibility to incorporate the other science courses required for admission to programs in the health professions. The course of study outlined below incorporates the goals for health related careers. Prerequisites are included in the list below.

**Required Chemistry Courses** (30 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)
- BCH 3023 Introductory Biochemistry (3)
- CHS 4300 Fundamentals of Clinical Chem. (3)
- CHS 4301 Fundamentals of Clinical Chem. Lab (2)

**Required Chemistry Electives** (9 credit hours)
- Minimum of 9 hours selected from the following:
  - BCH 3023L Basic Biochemistry Lab (2)
  - BCH 4034 Advanced Biochemistry (3)

**Other suggested electives** important for advanced studies in biochemistry: CHM 4932*, CHM 4070, CHM 4932*. Other suggested electives important for advanced studies in health professional vocations: BSC 2011, PCB 3063, PCB 5235, PCB 5525, STA 2023, PCB 4723, ZOO 4753, ZOO 3713, PCB 4502, PCB 4932*, PCB 4253, PCB 5845. *(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)
- 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)
- BSC 2010 (3) PCB 3023 (3)
- BSC 2010L (1) PCB 3023L (1)

**Required Supporting Courses** (20-23 credit hours)
- MAC 2311 (4) or MAC 2281 (4)
- MAC 2312 (4)
- PHY 2053 (3)
- PHY 2053L (1)
- BSC 2010 (3)
- MAC 2281 (3)
- MAC 2282 (3)
- PHY 2054 (3)
- PHY 2054L (1)
- BSC 2010L (1)

**Other suggested electives** important for advanced studies in health professional vocations: BSC 2011, PCB 3063, PCB 5235, PCB 5525, STA 2023, PCB 4723, ZOO 4753, ZOO 3713, PCB 4502, PCB 4932*, PCB 4253, PCB 5845. *(Content varies each semester.)*

**Required natural science or engin. elective (3-6 hours)**
- 1 - 3000 level course (PHY 3101, MAP 4302 suggested) or

Other suggested chemistry electives: CHM 4970, BCH 3023L, CHM 4070, CHM 4932*. *(Content varies each semester.)*
Minor in Chemistry

Minimum of 24 total hours. Eight hours of approved Chemistry coursework must be completed at USF. Students apply for a minor when submitting a graduation application (i.e., there is no need to "declare" a minor).

Biomedical Sciences, Interdisciplinary Natural Sciences, and Medical Technology majors are not eligible for the minor in Chemistry.

Required Chemistry Courses (14 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 4060 Use of Chemical Lit. (1)

OR
- CHM 4932 Selected Topics in Chemistry (1)

Chemistry Electives (Minimum 10 hours)
Choose 10 hours of structured classes, applicable to the major. Chemistry courses used to satisfy a major requirement cannot be used toward a minor in Chemistry.

NOTE: In all laboratory classes the lecture is PR/CR.
- BCH 3023 Introductory Biochemistry (3)
- BCH 3023L Basic Biochemistry Lab (2)
- CHM 2211 Organic Chemistry II (3)
- CHM 2211L Organic Chemistry II Lab (2)
- CHM 3120C Elementary Analytical Chemistry (4)
- CHM 3610 Intermediate Inorganic Chemistry (3)
- CHM 3610L Intermediate Inorganic Chem. Lab (1)
- CHM 3400 Elementary Physical Chemistry (3)
- CHM 4300 Biomolecules (3)
- CHM 4932 Selected Topics in Chemistry* (1-3)
- CHS 4300 Fund. Clinical Chemistry (3)

*Note: CHM 4932 content varies each semester. Recent topics include: Chemical Archaeology, Applied Spectroscopy, NMR, Toxic Substances, Antibiotics, Analytical Environmental Methods, Chemistry of Materials, Polymer Chemistry, Spectroscopy, & Computer in Chemistry.

**BIOMEDICAL SCIENCES (BMS)**

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.

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 X010, X010L & BSC X011, X011L
- Biology I and II with Lab 8

and
- CHM X045 & CHM X045L General Chemistry & Lab 4
- CHM X046 & CHM X046L General Chemistry II & Lab 4
- CHM X210 & CHM X210L Organic Chemistry & Lab 4
- CHM X211 & CHM X211L Organic Chemistry II & Lab 4

and
- PHY X053 & X053L General Physics I & Lab 4
- or
- BSC X093 Human Anatomy & Physiology I 4

and
- PHY X054 & X054L General Physics II & Lab 4

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 4115C 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)
Interdisciplinary Natural Science (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.

Required Natural Science Electives:
Minimum of 7 credit hours in Biology, Chemistry, or Physics. Select from the following list, noting prerequisites where applicable, and not duplicating courses used to meet the above requirements:

- PCB 3033L General Genetics Lab (3)
- PCB 3063L General Genetics (1)
- PCB 4064C Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Lab (1)
- PCB 5235 Principles of Immunology (3)
- PHC 6511 Public Health Immunology (3)
- ZOO 3713C Comparative Vertebrate Anatomy (4)
- ZOO 4753C Histology (4)

- PCB 4723L Animal Physiology Lab (1)
- PCB 4723 Animal Physiology (3)
- PCB 4064 Experimental Genetics (3)
- PCB 3063 General Genetics (3)
- PCB 3063L General Genetics Lab (1)
- PCB 4064 Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Lab (1)
- PHZ 4702 Applications of Physics to Biology and Medicine I (4)
- PHZ 4703 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 Natural Sciences

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, 2242 or MAC 2311, 2312 or MAC 2281, 2282)
- MCB 4115C Determinative Bacteriology (5)
- MCB 4404 Microbial Phys/Genetics (4)
- MCB 4404L Microbial Phys/Genetics Lab (1)
- MCB 4502 Virology (3)
- MCB 5206 Publ. Health/Pathogenic Micro (3)
- MCB 5815 Medical Mycology (3)
- PCB 3023L Cell Biology Lab (1)
- PCB 3023L Cell Biology (3)
- PCB 3063L General Genetics Lab (1)
- PCB 3063 General Genetics (3)
- PCB 4064 Experimental Genetics (3)
- PCB 4723 Animal Physiology (3)
- PCB 4723L Animal Physiology Lab (1)
- PHZ 4702 Applications of Physics to Biology and Medicine I (4)
- PHZ 4703 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.

**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.

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 Gordon Rule 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.

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.

- Biology I and Biology II
  - (BSC 2010, 2010L, BSC 2011, 2011L) 8
- Calculus
  - (MAC 2241, MAC 2242 or MAC 2311, MAC 2312) 8
- General Chemistry
  - (CHM 2045, CHM 2045L, CHM 2046, CHM 2046L) 8
- General Physics
  - (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, PHY 2048L, PHY 2049, PHY 2049L) 8

Introduction to Physical Geology and History of the Earth and Life
- (GLY 2010, GLY 2015L, GLY 2100, GLY 2100L) 8
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 admission 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 (BSC 2010,2010L; PCB 2111,2111L; BSC 1011,1011L; BSC 2010/2010L; PCB 2111/2111L)
2) Human Anatomy and Physiology I with lab (BSC 1011,1011L; BSC 2011,2011L; ZOO 1011,1011L)
3) Human Anatomy and Physiology II with lab (BSC 1011,1011L; BSC 2011,2011L; ZOO 1011,1011L)
4) General Microbiology with lab (MCB 2014,2014L; MCB 3020C, MCB 2010,2010L)
5) General Chemistry I with lab (CHM 2045,2045L; CHM 2046,2046L)
6) General Chemistry II with lab (CHM 2046,2046L)
7) Organic Chemistry I with lab (CHM 2210,2210L; CHM 2010,2010L; PCB 3103; CHM 2013,2013L)
8) Organic Chemistry II with lab (CHM 2211,2211L; CHM 2011,2011L; PCB 3103; CHM 2013,2013L)
9) Statistics (STA 2023, STA 2024, STA 2126, STA 2050, STA 2304, STA 2305)

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)
Human Anatomy and Physiology I with lab where available (BSC 2093C or BSC 1085,1085L)
General Biology II with lab (BSC 2011,2011L)
General Microbiology with lab (MCB 3020C)
General Chemistry I with lab (CHM 2045,2045L)
General Chemistry II with lab (CHM 2046,2046L)
Organic Chemistry I with lab (CHM 2210,2210L)
Organic Chemistry II with lab (CHM 2211,2211L)

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)
Cell Biology with lab (PCB 3023,3023L)
Immunology (PCB 5235 or equivalent)
Determinative Bacteriology with lab (MCB 4115C)
Biochemistry (BCH 3023)

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 Urinalysis 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.

Teacher Education Programs

For information concerning the degree programs for secondary school teachers, see College of Education section this Catalog and junior college teachers, see USF Graduate Catalog.

- 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 option exists.

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
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.

- COM 2000 Introduction to Communication (3)
- 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.

- Performance Communication
  - ORI 3950 ORI 4931 ORI 4120
  - ORI 4310 SPC 4201

- Interpersonal and Organizational Communication
  - COM 3120 COM 3014 COM 4020
  - COM 4124 COM 4710 COM 4942
  - SPC 3212 SPC 3425 SPC 4305
  - SPC 4310 SPC 4431

- Public and Cultural Communication
  - COM 4030 COM 4022 SPC 3230
  - SPC 3513 SPC 3631 SPC 3653
  - SPC 3680 SPC 3710 SPC 4683
  - SPC 4632 SPC 4680 SPC 4714

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 a minimum of 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 pursing any other major at USF. The minor in Communication requires a minimum of 18 hours of departmental coursework, including:

- SPC 2500 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 setting 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. PSY 2012 Psychological Science I 3
II. STA 2122 Social Science Statistics (or equivalent) 3
III. PHY 2020 Conceptual Physics 3
IV. BSC 1055 Human Anatomy & Physiology I 4
V. BSC 105L Human Anatomy & Physiology I Lab 1
VI. BSC 1085 Human Anatomy & Physiology II 4
VII. BSC 1085L Human Anatomy & Physiology II Lab 1
VIII. PHY 2040 Conceptual Physics 3
IX. PHY 2050 Conceptual Physics 3
X. Complete the foreign language requirement

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.

Admission to the program of study for Interpreters Training (ITT) requirement: ability to use ASL at the intermediate level and through the development of communicative proficiency in ASL.

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-limit 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. Recommended prerequisites for Admission

Required Courses:
- BSC 1085 Human Anatomy and Physiology I
- BSC 1085L Human Anatomy and Physiology I Lab
- BSC 2093 Human Anatomy & Physiology I Lab
- PHY 2020 Conceptual Physics

Courses in this category must be completed with a minimum grade of C.

C. Other Requirements for the LSH Degree (min. 9 cr. hrs.)

1. Required Courses:
   - 3 credit hours - see major advisor
2. STA 2122 (3) or equivalent
3. Additional Course (3 credit hours)
4. PSY 2012 or equivalent

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 study in 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 3002 (3) SPA 3101 (3) SPA 4210 (3)
- SPA 3004 (3) SPA 4632 (3) SPA 4222 (3)
- SPA 3011 (3) SPA 4930 (10) SPA 4555 (3)
- SPA 3030 (3) SPA 4050 (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 completion of a 30 hour course in American Sign Language. Upon admission to the concentration, each student will be assigned an advisor to provide guidance in academic planning.

E. Deaf Studies Concentration (DST)(min. 30 credit hours)

New students are not being admitted to the DST Major for the 2006/2007 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 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 3612C (4) SPA 3633 (3)
SPA 3004 (3) SPA 4613C (4)
SPA 3030 (3) SPA 4614C (4) SPA 4632 (3)
SPA 3310 (3) SPA 4617C (4)
Other electives (6).

F. Interpreter Training Concentration (ITT)

The ITT concentration seeks to educate students to become interpreters for deaf individuals. A program of 58 credit hours is planned for the student majoring in the Interpreter Training concentration. Course content is distributed across six categories of information and skills necessary for a career in Interpreting:
1. Role of the Interpreter in various settings
2. Working with deaf consumers of various backgrounds and/or having multiple disabilities
4. Techniques and Application of Interpreting
5. Professional Practices of the Interpreter
6. Internship

Students wishing to enter the ITT major must successfully complete SPA 3612C, SPA 3613C, SPA 3614C and SPA 3615C (or the lower level equivalent courses at the community colleges) with a grade point average for these four courses of 3.0 or higher. The specific course of study for the ITT concentration assumes that the student has completed the language proficiency prerequisites in American Sign Language. 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

SPA 3612C Basic American Sign Language
SPA 4613C Intermediate American Sign Language
SPA 4614C Advanced American Sign Language
SPA 4615C American Sign Language IV
SPA 4617C Structure of Sign Language
SPA 3633 American Deaf Culture

The course of study includes:
- EDF 3604 (3) SPA 3004 (3) SPA 4655 (2)
- EEX 4070 (3) SPA 4617 (4) SPA 4656 (2)
- SPA 3650 (3) SPA 3664 (4) SPA 4657 (4)
- ISS 3010 (3) SPA 3665 (4) SPA 4685 (4)
- SPA 3673 (3) SPA 3666 (3) SPA 4658 (4)
- SPA 3040 (3) SPA 4962 (1) SPA 4659 (3)
- OR LIN 3010 (3)

Graduation within the ITT major also requires successful completion of a comprehensive practical exit examination and successful completion of the National Registry of Interpreters for the Deaf (NRID) written examination.

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 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 3633 American Deaf Culture
3. SPA 4615C ASL IV
   or SPA 4617C - 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, juvenile justice 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. 24 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.

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 3621
   - CJE 4114
   - CCJ 4910
   - 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 earns 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 program requires the students 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 Undergraduate 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 stated otherwise, a grade of “C” is the minimum acceptable grade.

ENC 1101 Composition I
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. A grade of “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
   - ENL 3332 Late Shakespeare

3. Five of the following, at least two of which must be from 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

Group A:
- 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 4300 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 3031 Survey of Poetry
- LIT 3043 Modern Drama
- LIT 3093 Contemporary Literature
- LIT 3144 Modern European Novel
- LIT 3374 Bible as Literature
- LIT 3410 Religious and Existential Themes
- LIT 4390 Selected Topics in English Studies

4. ENGL 4013 Literary Criticism (Required for Literature majors)

**OPTION II: Creative Writing**

This 36-hour program 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:** Five courses (15 hours) as follows:
   - CRW 3311 Form & Technique of Fiction
   - CRW 2100 Narration & Description
   - CRW 3311 Form & Technique of Poetry
   - CRW 3312 Fiction I
   - CRW 3312 Fiction II

2. Any three of the following:
   - CRW 4930 Selected Topics in Creative Writing
   - CRW 3312 Poetry I
   - CRW 3321 Poetry II
   - CRW 4120 Fiction III
   - CRW 4320 Poetry III

3. **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.

**OPTION III: 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 requirement:** Five courses (15 hours) as follows:
   - CRW 2100 Narration and Description
   - ENC 2210 Technical Writing
   - ENC 3250 Professional Writing
   - ENC 3310 Expository Writing
   - ENC 4260 Advanced Technical Writing
   - ENC 4311 Advanced Composition
   - ENC 4931 Selected Topics in Professional and Technical Writing

2. **Literature requirements:** Seven courses (21 hours) as follows:
   - 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.

**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
   - CRW 2100 Narration & Description
   - 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 3250 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 of 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 before his/her graduation from the university.  
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 (EV)  
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, one semester of calculus, 2 semesters each of general biology and general chemistry, environmental ethics, environmental policies and politics, 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 a second semester 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. The Department Advisor advises ESP majors. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.  

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.  

BSC 2010, 2010L & BSC 2111, 2011L  
Biology I and II with Lab
and
CHM 2045 & CHM 2045L General Chemistry & Lab 4
CHM 2046 & CHM 2046L General Chemistry II & Lab 4
plus
STA 2023 Statistics 3
One approved Geology or Physics Course with Lab 4
and either
MAC 2241 Life Sciences Calculus 4
or
MAC 2281 Engineering Calculus 4
or
MAC 2311 Calculus 3
A second semester of calculus is only required of students pursuing the ESP-Science concentration. Students may choose among:
MAC 2242 Life Sciences Calculus 4
or
MAC 2282 Engineering Calculus 4
or
MAC 2312 Calculus 3
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
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2011 Biology II
BSC 2011L Biology Lab II
CHM 2045 General Chemistry I
CHM 2045L Chemistry Lab I
CHM 2046 General Chemistry II
CHM 2046L Chemistry Lab II
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics
EVR 2861 Introduction to Environmental Policy
EVR 2001L Introduction to Environmental Science Lab
EVR 2001 Introduction to Environmental Science
EVR 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
POS 3697 Environmental Law
Plus one approved policy-related elective. Please contact the department office for a current list of electives under this category.

• GEOGRAPHY (GPY)

The degree program in Geography consists of 11 courses (41 hours total), 7 of which are core courses required of all majors, and four of which are electives chosen by the student. Upper level electives offer applied and techniques orientations for students, depending on their interests, to complement the core course structure for the major. Electives in physical geography focus on major environmental systems including the hydrosphere, atmosphere, geosphere, and biosphere. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems. Electives in human and urban geography focus 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. Students are encouraged to seek assistance with the choice of electives through the department undergraduate advisor.

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.

Two introductory courses in Geography with GEO prefix must be completed:
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 preprofessional 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.

<table>
<thead>
<tr>
<th>Course in Community College</th>
<th>Course in University</th>
<th>Requirement</th>
</tr>
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<tbody>
<tr>
<td>MAC 2411/2411L Calculus I</td>
<td>MAC 2311 Calculus I</td>
<td>(4)</td>
</tr>
<tr>
<td>MAC 2412/2412L Calculus II</td>
<td>MAC 2312 Calculus II</td>
<td>(4)</td>
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<tr>
<td>PHY 2048C General Physics I</td>
<td>PHY 2048 General Physics I</td>
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<tr>
<td>PHY 2053C General Physics II</td>
<td>PHY 2049 General Physics II</td>
<td>(4)</td>
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<tr>
<td>PHY 2048/2048L General Physics II</td>
<td>PHY 2048/2048L General Physics II</td>
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</tr>
<tr>
<td>or CHM 1045/1045E General Chemistry</td>
<td>or CHM 1045/1045E General Chemistry</td>
<td>(4)</td>
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</tbody>
</table>

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 2000, GLY 2010, GLY 2030, GLY 2100, 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.

2. Junior-level sequence (28 hours):
   - GLY 3311C The Solid Earth: Petrology and Geochemistry (4)
   - GLY 3402C 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)
2. Supporting Courses for the BS Degree (28 hours):
   - PHY 2048L, PHY 2049 and 2049L
   - the following: BSC 2010 and 2010L, BSC 2011 and 2011L,

2. Supporting Courses for the B.A. Degree (24 hours):
   - Geology courses (44 hours):
     - a. Introductory Sequence* (4 hours):
       - 1) One course chosen from GLY 2000, GLY 2100, GLY 2010, GLY 2030, 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)
       - GLY 494XL Practical and Applied Geology (6)
       - Must take at least one each of computational, field, and laboratory experience
       - 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 activities during the program.
   - 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

Requirements for the Major in Geology (BS)

1. Geology courses (44 hours):
   - a. Introductory Sequence* (4 hours):
     - 1) One course chosen from GLY 2000, GLY 2100, GLY 2010, GLY 2030, and OCE 2001 (3)
     - 2) GLY 2015L (1)
   - 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)
     - GLY 494XL Practical and Applied Geology (6)
     - Must take at least one each of computational, field, and laboratory experience

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 Studies 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 Studies 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 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.

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 X011
- or ACG X630

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 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 (3)
- GEY 3601 Physical Changes and Aging (3)
- GEY 3625 Sociocultural Aspects of Aging (3)
- GEY 3601 Research Methods in Gerontology (3)
- GEY 4612 Psychology of Aging (3)

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:
- BUL 3320 Law and Business I (3)
- GEY 3601 Physical Changes and Aging (3)
- GEY 4327 Long Term Care Administration I (3)
- GEY 4328 Long Term Care Administration II (3)
- GEY 4329 Long Term Care Administration III (3)
- GEY 4360 Gerontological Counseling (3)
- GEY 4612 Psychology of Aging (3)
- GEY 4945 Field Placement (9)
- MAN 3025 Principles of Management (3)
- MAN 3240 Organizational Behavior Analysis (3)
- MAN 3301 Human Resource Management (3)

Students also complete the following twelve (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’s Department of Elder Affairs and the Gerontology Program. 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.

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:

- 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 particular international themes or topics, or (c) the study of particular regions or cultures. Each student develops a course of study designed to fulfill his or her career and educational goals in consultation with the International Studies Advisor.

Requirements for the Major in International 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.

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 4930 (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 capitol.

Required Supporting Courses
Students must pass a 2000 level foreign language course (that is, a full one semester of foreign language study beyond the first year introductory courses), or complete one year of study of a 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 moral justifications 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)
- 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)  

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 3338 (3)  INR 4035 (3)  INR 4532 (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 5155 (3)  PUP 4534 (3)  

Field VI  Public Policy  
INR 3102 (3)  INR 4343 (3)  POS 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 3003 (3)  POS 4936 (3)  PAD 4204 (3)  
POS 4941 (3-15)  POS 4905 (1-3)  POS 4970 (3)  
POS 4910 (1-3)  POS 3931 (3)  POT 4109 (3)  
POT 4661 (3)  POS 4936 (3)  

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.  

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 Pre-Law Plan is available to students of all majors. The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Those following the pre-law plan are recommended 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 undergraduate 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 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 1000 World Civilization I (3)  
EUH 1101 World Civilization II (3)  
POT 2112 State and Local Government (3)  
SPC 3800 Public Speaking (3)  

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 2002 Introduction to International Relations  
POT 2002 Introduction to Comparative Politics  

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 thesis advisors who must approve the final version of the thesis.
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, non-profit 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.

PAD 3003 Introduction to Public Administration
PAD 4144 Nonprofit Organizations and Public Policy
PAD 4204 Public Financial Administration
PAD 4145 Personnel and Supervision in Today’s Organizations
PAD 4712 Managing Information Resources in the Public Sector
PAD 4930 Selected Topics in Public Administration and Public Policy
PAD 5035 Issues in Public Administration and Public Policy
PAD 5036 Comparative Public Administration
PAD 5333 Concepts and Issues in Public Planning
PAD 5605 Administrative Law and Regulation
PAD 5670 Research Methods in Public Administration
PAD 5807 Urban and Local Government Administration
PAD 5836 Comparative Public Administration
POS 5159 Urban and Local Government

An undergraduate minor in Public Administration has recently been approved.

Requirements for the Minor in Public Administration
The minor in Public Administration consists of 15 credit hours.

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)

Public Administration Electives (3)
- PAD 4930 Selected Topics in Public Administration and Public Policy
- PAD 5605 Administrative Law and Regulation
- PAD 5807 Urban and Local Government Administration
- PAD 5836 Comparative Public Administration
- PAD 5837 Urban Policy Analysis

HISTORY (HTY)
The discipline of history embraces a diverse world of ideas, peoples, and events. Our faculty seeks to inform, to challenge, and to provoke 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 36 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 36-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 24 hours of course work from the 3000-4000 level is required to fulfill the 36-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 16 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 18-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 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. 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.

- ENC 1101 Composition I (3)
- ENC 1102 Composition II (3)
- Humanities (HUM 2000-level courses) (6)
- Creative Writing courses (CRW courses) (3-6)
- Introductory courses in applied and non- applied Fine Arts (ART, MUS) (6)
- Literature in Translation (RUT, CLT courses) (3-6)
- Social Science (AMH, EUH courses) (6)

Course Requirements for the Humanities Major

1. Two semester European sequence: HUM 2210 (Studies in Culture: the Ancient through the Medieval Periods) and HUM 2230 (Studies in Culture: the Renaissance through the Twentieth Century), 6 credit hours.

2. Non-Western requirement: One 3000- or 4000-level HUM course, treating Latin American Culture, Native American Culture, Asian Humanities, or the American Southwest, 3 credit hours. (A course taken in fulfillment of this requirement cannot also be used in fulfillment of the “Core Curriculum” requirement.)

3. 3000-level Core Curriculum: 3 courses focusing on major cultural periods of Europe, the United States, or Latin America, 9 credit hours.

4. HUM 3331 (Themes in Humanities) (3 credit hours), and Hum 4931 (Seminar in Humanities) (4 credit hours), 7 credit hours.

5. Other 3000- or 4000-level HUM courses, sufficient to bring total HUM credits to 33. (Creative/Performing Arts hours are NOT included in that total.)

6. Creative or performing arts, one class, either lower or upper level, 3 credit hours.

7. “C” or better in each Humanities course applied to the degree.

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. 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.

- AMH 2010 American History I (3)
- AMH 2020 American History II (3)
- ENC 1101 Composition I (3)
- ENC 1102 Composition II (3)
- POS 2041 American National Government (3)
Course Requirements for the American Studies Major
36 credit hours, distributed as follows:
1. One 2000-level survey course, either AMS 2201 (Colonial American Culture), AMS 2212 (Nineteenth-Century American Culture) or AMS 2270 (Twentieth-Century American Culture). 3 credits.
2. AMS 2030 (Introduction to American Studies). 3 credits
3. One additional 3000-level period course (e.g. AMS 3230, AMS 3260). 4 credits.
4. One 3000- or 4000-level regions or genre course (e.g. AMS 3210, AMS 3601, AMS 4152, PGY 3001). 3 or 4 credits.
5. AMS 4804 (Major Ideas in America). 3 credits.
6. One 4000-level Research Seminar (AMS 4935). 4 credits.
7. 6 additional AMS credit hours.
8. 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:
1. One 2000-level survey course (AMS 2201, AMS 2212, AMS 2270). 3 credits.
2. AMS 2030 (Introduction to American Studies). 3 credits.
3. 6 additional AMS credit hours.
4. 6 additional credit hours of supporting courses to be chosen in consultation with the undergraduate advisor.

• 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)
or
AMH 2020 American History II (3)
ANT 2000 Introduction to Anthropology (3)
ECC 3013 Economic Principles (Macroeconomics) (3)
ECC 2023 Economic Principles (Microeconomics) (3)
GEA 2000 World Regional Geography (4)
POS 2041 American National Government (3)
or

POS 2112 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 (4017), 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 asking them to contemplate 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)
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:

• 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 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 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 communications, emphasizing the concept of freedom of information as the cornerstone of constitutional democracy and preparing students for future leadership roles in communication 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 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 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 course.

The Mass Communications major requires six hours of core curriculum courses (MMC 2100 and MMC 3602) and 31 hours of a combination of required and selective sequence 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 a minimum of 80 hours in courses outside the journalism and mass communications areas, with fewer than 65 hours in the basic liberal arts and sciences. All liberal arts courses are listed in materials available from the School program advisor.) To facilitate this, no more than 44 hours of Mass Communications courses may be applied toward the bachelor’s degree within the 124-hour graduation requirement. Mass Communications majors taking more than 44 hours of Mass Communications 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 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. 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.
2. JOURNALISM

Requirements

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 introductory 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 3001 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:

   ECO 1000 Basic Economics
   PHI 1103 Critical Thinking
   POS 2041 American National Government
   POS 2112 State and Local Government and Politics
   or
   POS 3142 Intro to Urban Politics & Government
   SYG 2010 Contemporary Social Problems

Visual Communications Option
   JOU 2100 Beginning Reporting
   JOU 3101 Advanced Reporting
   JOU 3308 Magazine Article and Feature Writing
   JOU 4200 News Editing I
   JOU 4212 Magazine Design and Production
   MMC 4200 Communications Law
   MMC 4203 Media Ethics
   MMC 4420 Research Methods
   Selective Requirements (7 hours required, selected with advisor’s approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

   ECO 1000 Basic Economics
   CRW 2100 Narration and Description
   PHI 1103 Critical Thinking
   POS 2041 American National Government
   POS 2112 State and Local Government and Politics
   or
   POS 3142 Intro to Urban Politics & Government
   SYG 2010 Contemporary Social Problems

Visual Communications Option
   JOU 2100 Beginning Reporting
   JOU 4200 News Editing I
   JOU 4206 Newspaper and News Publication Design
   MMC 4200 Communications Law
   MMC 4203 Media Ethics
   MMC 4936 Selected Topics: Visual Communication and New Media
   PGY 3610 Photojournalism I
   VIC 3001 Introduction to Visual Communications
   VIC 3943 Visual Communications Practicum
   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.

An advisor-approved 6-hour concentration
or
ECO 1000 Basic Economics
SYG 2010 Contemporary Social Problems

3. PUBLIC RELATIONS Requirements

   ADV 3000 Introduction to Advertising
   JOU 2100 Beginning Reporting
   MMC 4200 Communications Law
   or
   MMC 4203 Media Ethics
   PUR 3000 Principles of Public Relations
   PUR 3500 Public Relations Research
   PUR 4100 Writing for Public Relations
   PUR 4101 Public Relations Design and Production
   PUR 4801 Advanced Public Relations
   Selective Requirements (4 hours required, selected with advisor’s approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:

   ECO 1000 Basic Economics
   LIS 2005 Library and Internet Research Skills
   MAN 3025 Principles of Management
   MAR 3023 Basic Marketing
   POS 2041 American National Government
4. TELECOMMUNICATIONS Requirements

News Option
JOU 4181 Public Affairs Reporting
MMC 4200 Communications Law
MMC 4420 Research Methods
RTV 3001 Introduction to Telecommunications
RTV 3301 Broadcast News
RTV 4304 TV News
RTV 4320 Electronic Field Production
Selective Requirements (9 hours required, selected with advisor’s approval)
Other Requirements: The following courses are required outside the School to complete sequence requirements:
PHI 1103 Critical Thinking
POS 2041 American National Government
or
POS 3142 Intro to Urban Politics and Government
and
SPC 2600 Public Speaking
Production Option
MMC 4200 Communications Law
RTV 2100 Writing for Radio and TV
RTV 3001 Introduction to Telecommunications
RTV 3301 Broadcast News
RTV 4220 TV Production and Direction
RTV 4320 Electronic Field Production
RTV 4500 Telecommunications Programming and Management
Selective Requirements (9 hours required, selected with advisor’s approval)
Other Requirements: The following courses are required outside the School to complete sequence requirements:
CRW 2100 Narration and Description
or
ENC 3310 Expository Writing
and
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 competence 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.

COP XXXX Computer Language Course
(Pascal, FORTRAN, C, C++, or C++)
MAC X311 Calculus I
MAC X312 Calculus II
MAC X313 Calculus III

Students must also complete two laboratory based science courses, 4-8 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)
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 undergraduate mathematics major courses. 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)

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MAA 4402 Complex Variables (3)</td>
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<td>MAD 4401 Numerical Analysis (3)</td>
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<td>MAD 4504 Theory of Computation (3)</td>
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<td>MAD 5305 Introduction to Graph Theory (3)</td>
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<td>MAP 2302 Differential Equations (3)</td>
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<td>MAP 5345 Applied Partial Differential Equations (3)</td>
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<td>MAP 5407 Methods of Applied Mathematics (3)</td>
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<td>MAS 4156 Vector Calculus (4)</td>
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<td>MAS 4301 Elementary Abstract Algebra (3)</td>
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<td>MAS 5215 Number Theory (3)</td>
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<td>MAT 4970 Mathematics Senior Thesis (3)</td>
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<td>MAA 4402 Complex Variables (3)</td>
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<td>MAA 4407 Methods of Applied Mathematics (3)</td>
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<td>MAA 4408 Complex Variables (3)</td>
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<td>MAA 4411 Real Analysis I (3)</td>
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#### 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 1107, MGF 1131, STA 1022, STA 2023, C (2.00 grade points) or better is required in the prerequisites for these courses.

### 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
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.

Prerequisites (State Mandated Common Prerequisites)

1. Students must already have declared a major in Philosophy.
2. Students must complete 36 credit hours in Philosophy.
3. Students who wish to be considered for the Honors Program must request to be nominated by a member of the faculty. Once nominated by a faculty member, a majority of the faculty who have taught the student must approve the student’s admission to the Honors Program.

**Program Requirements:**

In addition to completing the requirements for the Major in Philosophy, students must meet the following requirements.

1. Students cannot receive a grade lower than a “B” in any Philosophy course, and their grade point average in Philosophy must be at least 3.5 to remain in, or be graduated from, the Honors Program.
2. PHH 4440 Continental Philosophy
   or PHP 4784 Analytical Philosophy
   or PHP 3786 Existentialism
   or PHP 4700 American Philosophy
3. Students must write a senior thesis and undergo an oral examination on the thesis before a committee of two Philosophy faculty members. Students will register for 3 hours in directed study in Philosophy (PHI 4905) for work on their thesis. Students who are in the Honors College may use the same project to count for both Philosophy Honors and an Honors College thesis. In such cases, the student shall not register for directed study in Philosophy (PHI 4905) as part of completing the thesis.
4. Students must complete 36 credit hours in Philosophy.
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 3323 Electricity and Magnetism I (3)
    - or Physics electives subject to approval of undergraduate advisor.

Required Supporting Courses
- Correct prerequisites for any course required.
- A "C-" is the minimum acceptable grade for any course in the minor.
- A minimum "C" (2.0) average in the 19 credit hours is required for obtaining this minor.

Requirements for the Minor in Biomedical Physics
A minor in Biomedical Physics consists of 16 credit hours which includes:

- 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 4702 Appl of Phy to Bio. & Medicine I (4)
- PHY 4703 Appl of Phy to Bio. & Medicine II (4)

This minor combines fundamental knowledge of physics acquired through the General Physics lectures and laboratories 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 "C-" is the minimum acceptable grade for any course in the minor.
- A minimum "C" (2.0) average in the 16 credit hours is required for obtaining this minor.

Teacher Education Programs
For information concerning the degree programs for secondary school teachers, see College of Education, Department 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, introducing them 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 "C-" is the minimum acceptable grade for any course in the minor.
- A minimum "C" (2.0) average in the 16 credit hours is required for obtaining this minor.
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 a student transfers 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-

To be admitted to the major in Psychology, a student must complete all of the course prerequisites including
1. PSY 2012 Psychological Science I or equivalent
2. Statistics (PSY 3204, Psychological Statistics is preferred) with grades of C (not C-) or higher

Continuation in the major requires successful completion of those two courses plus PSY 3213. Research Methods in Psychology, with at least a grade of G (not C-) and have a grade point average for those three courses of 2.5 or higher.

 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 3204 (or other qualifying statistics course) 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 3204 Psychological Statistics
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 4004C Physiological Psychology
- EXP 4304 Motivation
- EXP 4680C Cognitive Psychology

Group II
- CLP 4143 Abnormal Psychology
- INP 4004 Industrial Psychology
- SOP 4004 Social Psychology
- DEP 4053 Developmental Psychology
- PPE 4003 Personality

and any 3 additional courses numbered at the upper-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 3204 (or other qualifying statistics course) 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 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, and any four upper-level psychology courses except PSY 4913. Students minoring in Psychology must also obtain a “C” or better in any college level statistics courses 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 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
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 can be 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.

Rehabilitation and Mental Health Counseling have roots in both the national rehabilitation movement and professional counseling movement. Training, which includes experiential learning, emphasizes psychological, social, medical, and vocational aspects of disability; and also the development and refinement of personal adjustment and mental health counseling skills. Graduates with an M.A. degree from the USF Department of Rehabilitation and Mental Health Counseling are prepared for careers as both rehabilitation and mental health counselors.

The graduate program in Rehabilitation and Mental Health Counseling is fully accredited by the Council on Rehabilitation Education (CORE), the national accrediting body for rehabilitation counselor training programs. Upon completion of the program, graduates are eligible to sit for the national certification examination of the Commission on Rehabilitation Counselor Certification. After passing this examination, the graduate is registered with the Commission as a Certified Rehabilitation Counselor (CRC). Within the 60 hour M.A. program, graduates also meet Florida’s educational standards for licensure as a Clinical Mental Health Counselor. The Department offers two, 15-semester hour, graduate certificate programs: (1) Addictions and Substance Abuse Counseling; and (2) Post-Masters in Marriage and Family Therapy. The Department also offers the Addictions and Substance Abuse Counseling and Marriage and Family Therapy certificate programs as areas of concentration. Each student may elect to pursue a program of specialization in either area. The Addictions and Substance Abuse Counseling program is approved by the Certification Board for Addictions Professionals of Florida (CBAPF Approved Provider #179A). Several courses within the program do have prerequisites. Please contact the department at (813) 974-2855 for specific details about these requirements.

RELIGIOUS STUDIES (REL)

In Religious Studies, students are exposed to a cross-cultural and multi-disciplinary study of the way in which both individuals and civilizations are deeply influenced by human religious experience. The goal is to enable the educated person to understand better the various ways in which religious values and institutions shape human behavior through a comparative study of religions and cultures. Such an education is invaluable for careers as diverse as journalism, law, medicine, business, as well as careers more directly related to the practice of religion. Majors in Religious Studies will also find courses designed to give them the methodological, theoretical and linguistic skills needed to go on to advanced graduate study in the field.

Requirements for the Major in Religious 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.

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 12 hours taken elsewhere toward the major at the University of South Florida for transfer students or 36 (for non-transfer students) credit hours necessary to complete the 36 credit hours required for the major. Students taking Religious Studies as a second major need to complete only 30 credit hours. To do so they must make a written request to the Undergraduate Director at the time they declare their major.

All majors must take

a. REL 3003 Introduction to Religion (4)

b. REL 4939 Development of Religious Studies (4)
Admissions Criteria:

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 must 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.

Honors Program students are exempt from Sr. Seminar (REL 4931) contingent on their completion of the Honors Program. If students do not complete the Honors Program, they are required to complete Sr. Seminar in order to satisfy degree requirements.

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 credit 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 5 credit hours of “Honors Seminar.” Honors students will take the seminar for 3 credit hours in the Fall and 2 credit hours in the Spring.

4. Completion of 5 credit hours of Thesis/Directed Research for 2 credit hours 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 (2)
- REL 4911 Undergraduate Research (2)
- REL 4937 Selected Topics: Fall Honors Seminar (3)
- REL 4938 Selected Topics: Spring Honors Seminar (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, 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 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 during enrollment in either SOW 3302 or SOW 3203.

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 full major 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 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 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 the required common prerequisites 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 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)
  - WST 2600 Human Sexual Behavior (3)

- **Economics**
  - ECO 1000 Basic Economics (3)
  - PSY 2012 Psychological Science I (3)

- **Psychology**
  - SYG 2000 Introduction to Psychology (3)
  - SYG 2010 Contemporary Social Problems (3)
  - SYD 4800 Gender and Society (3)
  - SYO 3530 Poverty, Inequality, and Stratification (3)
  - SYP 4010 Social Psychology (3)
  - SYP 4510 Sociological Aspects of Deviance (3)
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 (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) | SOW 4522 (3) |
| 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. Field Experience | SOW 4510 (3) | SOW 4510L (6) |

<table>
<thead>
<tr>
<th>Summary:</th>
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<tbody>
<tr>
<td>Core Courses</td>
</tr>
<tr>
<td>29 hours</td>
</tr>
<tr>
<td>Field Experience</td>
</tr>
<tr>
<td>9 hours</td>
</tr>
<tr>
<td>TOTAL</td>
</tr>
<tr>
<td>38 hours</td>
</tr>
</tbody>
</table>

**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)
- SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent)
- SYG 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 SYA4910, 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 best would 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 SYG 2412 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
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 by the end of the semester in which application is made.
3. Overall USF GPA of 3.00 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).

Requirements for the Major in Women's Studies

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, emphasis on multiculturalism and diversity, the department focuses on critical thinking, collaborative learning, and personal empowerment.

Requirements for the Major in Women's Studies

Prerequisites (State Mandated Common Prerequisites)

Students wishing to minor in Women's Studies will be required to take six courses.

Upper-level Coursework for Women's Studies Majors

Each major must complete 36 hours distributed as follows:

I. Required Core Courses (15 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>WST 3311</td>
<td>3</td>
</tr>
<tr>
<td>WST 4310</td>
<td>3</td>
</tr>
<tr>
<td>WST 4522</td>
<td>3</td>
</tr>
<tr>
<td>WST 4935</td>
<td>3</td>
</tr>
<tr>
<td>AFA 4335</td>
<td>3</td>
</tr>
<tr>
<td>WST 4262 OR WST 4935</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Select 21 credit hours from the following list, noting prerequisites where applicable:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WST 2250</td>
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</tr>
<tr>
<td>WST 3210</td>
<td>3</td>
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<tr>
<td>WST 3220</td>
<td>3</td>
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<tr>
<td>WST 3225</td>
<td>3</td>
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<tr>
<td>WST 3440</td>
<td>3</td>
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<td>WST 4260</td>
<td>3</td>
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<tr>
<td>WST 4410</td>
<td>3</td>
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<td>WST 4335</td>
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<td>WST 4320</td>
<td>3</td>
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<tr>
<td>WST 4350</td>
<td>3</td>
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<tr>
<td>WST 4569</td>
<td>3</td>
</tr>
<tr>
<td>WST 4910</td>
<td>3</td>
</tr>
<tr>
<td>WST 4930 OR WST 4935</td>
<td>3</td>
</tr>
</tbody>
</table>

Minor in Women's Studies

A student wishing to minor in Women's Studies will be required to take six courses:

Required:

WST 3015 or
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 or LNW) or in Greek (GRE and GRW), which must include or presuppose LAT 2200 or GRE 2200. The remaining 6 courses are to be chosen from a list of approved courses with the advice of the Classics advisor, including but not limited to Greek civilization, Roman Civilization, Classical Mythology, Greek Literature in Translation, roman Literature in Translation, Women in Antiquity, and Word Power.

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 3.5.
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 3.5 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 author.
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 2200 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)
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - ANT 3101 Archaeology (3)
   - 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.

3. 3-4 hours from an approved list of 4000 level Exit Requirement 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)
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - ANT 3101 Archaeology (3)
   - REL 3280 Biblical Archaeology (3)
   and
   - CLT 3370 Classical Mythology (3)

2. 12 hours beyond the BA Language Requirement in either Greek or Latin.
   - Competence in one or two ancient languages for 5 semesters of coursework is required. Courses must be taken with the approval of the Coordinator.

3. 12-16 hours from the Major Field Requirements.
   - Major Fields are currently defined in Ancient History, Philosophy and Religious Studies. The student will select four courses in the Major Field area with the approval of the Coordinator. The student must take at least one exit level course in the Major Field he/she chooses.

4. 3 hours of Faculty Mentored Research.
   - The student will complete a research project under the direction of a faculty committee composed of a faculty mentor and at least two additional faculty members. The project is intended to produce a substantial research paper that can serve as a writing sample when the student applies for advanced graduate study.

5. Maintenance of a 3.5 GPA within the major and a 3.3 overall GPA.

Requirements for the Minor in Interdisciplinary Classical Civilizations (ICC)
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
         - CLA 3103 Greek Civilization (3)
         - CLT 3101 Greek Literature in Translation (3)
         - CLA 3123 Roman Civilization (3)
         - CLT 3102 Roman Literature in Translation (3)
         - HIS 3930 Classical Archaeology (3)
         - ANT 3101 Archaeology (3)
         - REL 3280 Biblical Archaeology (3)
         and
         - 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)
         - CLA 3123 Roman Civilization (3)
         - CLT 3102 Roman Literature in Translation (3)
         - HIS 3930 Classical Archaeology (3)
         - ANT 3101 Archaeology (3)
         - REL 3280 Biblical Archaeology (3)
         and
         - 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.

- ENC 1101 English I (3)
- ENC 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)
  - **Supporting courses required for the major**
    - 17 hours in 3000, 4000, or 5000 level courses planned with the advisor.
  - **Required courses for the minor** (6 credit hours)
    - FRE 2240 (3) FRE 3420 (3)
  - **Supporting courses required for the minor**
    - 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 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)
  - **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)
    - MAN 3403 (3) Capital Formation Course (3)

- **German (GER)**
  - **Required courses for the major** (17 credit hours)
    - GEW 4100 (3)
    - GEW 4101 (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 a advisor (max. 9 hours German taught in English).
    - 9 hours of 3000, 4000, or 5000 level coursework in German.
  - **Supporting courses required for the minor** (6 credit hours)
    - 9 hours in 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).

- **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 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** (18 credit hours)
    - SPN 4301 (3)
    - SPW 4100 (3)
    - SPW 4131 (3)
  - **Supporting courses for the major**
    - 15 hours in 3000, 4000 or 5000 level courses. Students may take up to six (6) 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 required for the minor
12 hours of 300, 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.

• **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 3431 (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 4030 (3)
- SPN 3341 (3)
- SPN 4100 (3)
- SPN 4700 (3)
- SPW XXXX (3)
- SPW 4131 (3)

*Required courses in International Studies (9 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.

• **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 (3) INR 3038 (3)
- INR 2002 (3)

*International Studies electives (3 credit hours)*
Choose from the list below:
- INR 3018 (3) POT 4109 (3)
- INR 3202 (3)

*Required courses in Spanish (12 credit hours)*
- SPN 3440 (3) SPN 3500 (3) SPN 3520 (3)
- or SPN 4301 (3)

*Required courses in Business for the major (18 credit hours)*
- ACG 3074 (3) FIN 3403 (3)
- ECO 1000 (3) MAR 3023 (3)
- MAN 3025 (3) Capstone Course (3)

*Supporting courses in Business for the major (6 credit hours)*
Choose any two upper-level international business courses.

*Required overseas study courses & area studies courses (9 credit hours)*
Select 3 overseas study credit hours or 3 credit hours overseas study plus 6 credits area studies planned with an advisor (2 courses from International Studies or other departments).

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**STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES**

**Africana Studies Club (AFA Club)** - Provides a forum for the open discussion of topics related and relevant to people of African-descent both on the African continent and in the Diaspora. The organization provides a vital link between the students and the faculty of the Department of Africana Studies, and acts as a base for student activism on campus and in the community.

**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 Library Association (ALA)** - To promote the highest quality library and information services and public access to information. Students enrolled in programs of study or certificate librarianship or information sciences are welcome to join ALA. For more information please go to: http://www.alaa.org.

**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 in their communities as teachers and advocates of health promotion and disease prevention. For further information please go to http://ctr.usf.edu/pamsa/index.htm.

**American Society for Information Science and Technology (ASIS&T)** - To advance the information sciences and related applications of information technology by providing focus, opportunity, and support to information professionals and organizations. Open to full and part-time students. Student membership prerequisite: faculty advisor’s signature. For more information please go to: http://www.asis.org/index.html.

**American Society for Information Science and Technology (ASIS&T)** - To promote the highest quality library and information services and public access to information. Students enrolled in programs of study or certificate librarianship or information sciences are welcome to join ALA. For more information please go to: http://www.alaa.org/index.html.

**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.

**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 Library Association (ALA)** - To promote the highest quality library and information services and public access to information. Students enrolled in programs of study or certificate librarianship or information sciences are welcome to join ALA. For more information please go to: http://www.alaa.org.

**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 in their communities as teachers and advocates of health promotion and disease prevention. For further information please go to http://ctr.usf.edu/pamsa/index.htm.

**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.

**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.

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**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 German are encouraged to 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.

Environmental Science and Policy Club - Open to all students with an interest in environmental science and policy; provides a stimulating environment for students to engage in related activities and discourse. For further information, please go to NES 301.

Feminist Student Alliance - A multicultural organization that works to promote social change on campus and in the surrounding community through activism and consciousness raising. We are strongly committed to feminist activism within the Tampa Bay area, addressing various issues such as reproductive rights, education, health care, socioeconomics, domestic violence, and sexual crimes against women.

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. For further information, please go to NES 201.

Geography Club - To foster understanding of and stimulate interest in the discipline of Geography and its subfields. For further information please go to NES 201.

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. Mark Rains, SCA 531; 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 http://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 of the values of International studies and to foster gender relations among international studies majors. For further information please go to SOC 373.

Italian Club - The purpose of the Circolo Culturale Italiano is to provide educational opportunities and experiences in the American Life to its members and help them to improve their knowledge of the Italian language and culture. It also sponsors lectures, social events and grants scholarships to deserving students of Italian. For further information please go to CPR 419.

Legal Brief - To publish an annual law journal devoted to the exploration of legal issues through articles, interviews and practice experiences. For further information please go to SOC 352.

Marine and Life Sciences Club - To foster student interests in the environment and ecological systems. Field trips and volunteer activities.

Microbiology Club - To enhance students’ interests in microbiology and to provide opportunities to learn more about the certification processes necessary for professional careers in the field. Contact Dr. Valerie Harwood for more information.

Minority Preprofessional and Science Society - The objectives of the Society are to promote minority student interest in careers in the natural sciences and the health professions and to provide a support network to enable students to be academically successful. The Society meets twice monthly on Wednesdays. Membership is open to all students in the College of Arts and Sciences. For further information go to http://ctr.usf.edu/mpss/.

NASW Sub Unit (National Assoc. of Social Workers) - To be a subunit of the National Association of Social Workers, and to provide a social/educational/philanthropic organization for the School of Social Work students. For further information please go to MGY 132.

National Student Speech Language Association - Association was created because of students’ desire for a closer affiliation with professionals in the discipline of human communication sciences and disorders.

Phi Alpha Theta - National Honor Society for outstanding History students to promote the study of History. For more information, go to http://www.cas.usf.edu/history.

PHI ORG (Undergraduate Philosophy Organization) - Open to all USF students with an interest in philosophy. The purpose of the organization is to enhance the study of philosophy and to increase awareness of philosophical issues in the campus community.

Phi Sigma Iota - International Honor Society for outstanding majors and minors in Classics, all Foreign Languages and Literatures, Bilingual Education, Foreign Language Education and Comparative Literature.

Pi Gamma Mu - International Honor Society for the Social Sciences.
Pi Mu Epsilon - The mathematics honor society to which the best scholars among our students are invited. Particular emphasis is given to performance in mathematics courses. For further information please go to PHY 342.

Pi Sigma Alpha - To function as an integral part of the political science department in the promotion of worthwhile extracurricular activities related to public affairs. For further information please go to SOC 352.

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 http://preclinical.usf.edu/.

Pre-Optometry Society - This new society will provide students an opportunity to learn more about the profession of optometry and to meet other students interested in the profession. Any interested student is invited to join.

Pre-Veterinary Society - USF Prevetinary 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.

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.

Sigma Pi Sigma - Physics National Honor Society.

Society of Physics Students (SPS) - An affiliate of the American Institute of Physics and includes the honor society of Sigma Pi Sigma.

Special Libraries Association (SLA) - The global organization for innovative information professionals and their strategic partners. SLA promotes and strengthens its members through learning, advocacy, and networking initiatives. Student memberships are granted to applicants enrolled in at least two library or information science courses. For more information please go to: http://www.sla.org.

Student Broadcasting Association - To give students 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.

ARTS AND SCIENCES FACULTY

Africana Studies

Aging Studies

Anthropology

Biology

Chemistry
Chairperson: M. Zaworotko; Assistant Chair: R. Walsh (Academics); Assistant Chair and Instructor: P. Muisener (Research); Emeritus Professors: J. C. Davis, Jr., J.E. Fernandez, L. Mandell, T. C. Owen, B. Stevens, J. Worrell; Distinguished Service Professor: D. F. Martin; Professors: S. H. Grossman, M. D. Johnston, Jr., M.L. McLaughlin, G. G. Meisels, R. M. O’Malley, R. Potter, E. Turos; Associate Professors: B. J. Baker, K. S. Bish, J. P. Harmon, R. W. Larsen, A. Malik, D. J. Menker, L. Ming, B. Space, J. E. Weinzierl; Assistant Professors: M.

Communication

Communication Sciences and Disorders

Community Experiential Learning
Coordinator: R. R. Jones.

Criminology

Economics

English

Environmental Science and Policy
Chairperson: R. Oches.

Geography

Geology

History

Humanities and American Studies

Interdisciplinary Social Sciences
Coordinator: K. Ferguson.

International Studies

Library and Information Science

Mass Communications

Mathematics

**Medical Technology**

Administrator: K. Cole; Courtesy Professors: I. L. Browarsky (Tampa General Hospital), L. Davis (Bayfront Medical Center), R. Bertholf (Shands Jackson-ville), L. Guarda (Florida Hospital), R. Ramos (St. Vincent’s Medical Center); Courtesy Lecturers: L. Chakkaphak (St. Vincent’s Medical Center), S. Mathew (Tampa General Hospital), P. Rogers (Florida Hospital), J. Schurig (Bayfront Medical Center), J. Sigler (Shands Jackson-ville).

**Philosophy**

Chairperson: R. Arien; Professors: J. P. Anton (Distinguished Professor of Greek Philosophy & Culture), R. Arien, C. Guignon, O. Schutte, W. H. Truitt, R. C. Weatherford, K. Wiredu (Distinguished University Professor); Distinguished Research Professors: S. P. Turner; Associate Professors: A. Levine, M. R. Schonfield, J. B. Waun; Assistant Professors: C. Heydt, B. Sadler, D. Weiskopf, E. Winsberg; Courtesy Associate Professors: M. Gibbons; Courtesy Assistant Professor: A. Chitwood; Courtesy Professor: S. Axinn; Emeritus Faculty: J.A. Bell, B. Silver, R.N. Taylor.

**Physics**


**Political Science**


**Psychology**


**Public Administration**

Interim Director: M. Milan; Professors: J. E. Jreisat, J. E. Pynes; Associate Professors: J. L. Daly; Assistant Professors: S. M. Calabrese, B. Neubauer; 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. Emener; Professors: J. D. Rasch; Associate Professors: C. Dixon, S. Kelley, M. Richard, T. J. Wright; Assistant Professors: L. L. Charlés; Clinical Instructor: J. Ferrandino.

**Religious Studies**


**Social Work**


**Sociology**


**Women’s Studies**

Chairperson: K. Vaz; Professor Emeriti: L. L. McAlister, J. Snook; Associate Professors: C. DiPalma, C. J. Eichner, G. Grewal, M. Myerson, K. Vaz; Assistant Professor: S. Crawley.

**World Languages**

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 access 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 Admission to 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 of 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 in each course and an overall 2.0 GPA:
      ACG X021 Financial Accounting
      (or ACG X001 & ACG X011)
      ACG X071 Managerial Accounting
      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.
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 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 (AS) program. 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 12-18 semester hours in the major field. Normally, independent studies 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* 6
   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* 3
   a. Major Works and Major Issues
   b. Literature and Writing

   Total 9

*See Liberal Arts Requirements for more details

3. Speech/Writing Requirements for Business Majors
   a. SPC 2600 Public Speaking
   or
   COM 3110 Communication for Business and the Professions
   b. ENC 3213 Professional Writing
   or
   ENC 3310 Expository Writing or equivalent

   Total 6

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
   ACG 2071 Principles of Managerial Accounting
   ECO 2013 Economic Principles: Macroeconomics
   ECO 2023 Economic Principles: Microeconomics
   QMB 2100 Business & Economic Statistics I
   BUS 3320 Law and Business I
   FIN 3403 Principles of Finance
   ISM 3011 Information Systems in Organizations
   OMB 3200 Business & Economic Statistics II
   MAN 3025 Principles of Management
   MAR 3023 Basic Marketing
   GEB 3890 Strategic Mgmt/Decision Making

   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, Economics, Finance, General Business Administration, Management, Management Information Systems, and Marketing

Student Advising and Records

The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 1406) provides the following:

1. Orientation for Bulls Business Network and transfer students.
2. Academic advising and program information for:
   a. pre-business students who have applied to the COBA and declared business as their intended major.
   b. students who meet all COBA admission requirements.
3. Evaluation of undergraduate transcripts for all declared and admitted business transfer students.
4. Maintenance of academic advising records for the Tampa, Lakeland, and Sarasota campuses for all declared and admitted business students.
5. Certification of graduation.

Advising Offices

Tampa Campus: 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

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.

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.
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*  
   - ECO 1000 Basic Economics**  
   - FIN 3403 Principles of Finance  
   - MAN 3025 Principles of Management  
   - MAN XXXX Managerial Applications (see advisor)  
   - MKT 3023 Basic Marketing  
   - 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.

*AGC 2021 & ACG 2071 can be substituted for ACG 3074.
**ECO 2013 & ECO 2023 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 faculty of the School of Accountancy.

**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 24 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF. In addition to the State Mandated Common Prerequisites for admission to the College of Business Administration (or equivalents) with a grade of C or higher, students admitted to the School of Accountancy must successfully complete (with a grade of C, 2.0 or better) ACG 3103 and ACG 3341 before enrolling in other upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate. A grade of "C" or higher (not C-) is required in the 24 hour major courses plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

**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

**Electives (6 hours selected from):**

- ACG 4123 Intermediate Financial Accounting III 3
- ACG 4351 Cost Accounting and Control II 3
- ACG 4642 Auditing II 3

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.

**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. 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.
3. All 12 credit 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. Students interested in majoring or minoring 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 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 Title</th>
<th>Hours</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>
<tr>
<td>15 hours of upper-level economics courses</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>21</td>
</tr>
</tbody>
</table>

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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

**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

**TOTAL ECONOMICS HOURS 24**

The following is a list of all the upper-level economics courses:

- ACG 4931 Selected Topics 3
- ACG 5201 Advanced Financial Accounting 3
- ACG 5501 Governmental/Not-for-Profit Accounting 3
- ACG 5675 Internal and Operational Auditing 3
- TAX 5015 Federal Taxation of Business Entities 3
- **Total** 24
Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business majors.

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

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 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 take courses in the following areas 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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, 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 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
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 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
4. Another upper-level Finance Elective with an FIN, REE, or RMI prefix 3

Total Finance Hours 12
MIS. The requirements are:

Requirements for a Minor in MIS (for Business majors only): Students majoring in Business Administration may minor in Management.

The requirements are:

1. MAN 3240 Organizational Behavior 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: 15

The Management Information Systems (ISM) 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 15 hours of required MIS courses and 2 approved MIS electives. MIS majors must earn a "C" or higher (not C-) in the five 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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

Plus Approved MIS Electives** 9

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):

The requirements are:

1. ISM 3113 Systems Analysis and Design 3
2. ISM 4212 Database Administration 3
3. Approved MIS Elective 6
4. Total MIS hours: 15

2. 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 other institutions.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

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 the minimum of 18 hours in information technology, general and small business management.

The requirements are:

1. MAN 3240 Organizational Behavior 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: 15

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 total of 24 hours in information technology, general and small business management.

The requirements are:

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
6. Additional upper-level marketing courses 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**  
   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.

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. International students who have completed at least the equivalent of a high school education in their native country, are advised to pursue another business major. At a minimum, international students who have completed at least the equivalent of a high school education in their native country, are advised to pursue another business major. At a minimum, international students who have completed at least the equivalent of a high school education in their native country, may not study the area of their origin as part of the International Business major. International students who have completed at least the equivalent of a high school education in their native country, may not study the area of their origin as part of the International Business major. 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. 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 4430 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.

   **Association of Marketing Students**

   As a collegiate chapter of the American Marketing Association, this organization will help to further the growth of business oriented individuals within the field of marketing.
Beta Alpha Psi - The national professional accounting fraternity devoted to the promotion of the profession, inspiring professional ideals, and recognizing academic achievement.

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 the 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

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 College of Education envisions itself as a leader in regional, national, and international education. Leadership in education encompasses: Collaboration that serves communities, institutions, and individuals; Academic excellence; Research, scholarship, and inquiry that renews the educational process; and Ethical practice and diversity.

The Mission of the College of Education is to: offer challenging learning opportunities in a supportive and diverse environment; create and support research, scholarship, and inquiry in education; prepare the next generation of educators, scholars, and leaders for PK-12 and the professorate through exemplary undergraduate and graduate degree programs; serve the community to offer programs that prepare professionals who work competently, collaboratively, and ethically to improve educational outcomes for all.

Educator preparation programs are aligned with the Florida Educator Accomplished Practices and each program has an assessment program in place to monitor student progress toward these standards. Programs that do not lead to teacher certification are aligned with their respective professional standards and have assessment programs in place to monitor student progress toward those standards.

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/catalog.htm. Other important information is available from the College of Education website at http://www.coedu.usf.edu/. For information concerning policies for Undergraduate, Master’s Plan II and MAT Programs refer to the College of Education website at http://www.coedu.usf.edu/.

Please be advised that program and/or course requirements and fingerprint/background check procedures are subject to change, per state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

Admission 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. (See “Liberal Arts Requirements” section of the catalog.) Note: Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test 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. 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
   - EDG 2701 Teaching Diverse Populations
   - 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 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 in EDU 106 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.)
   - Three (3) semester hours in Philosophy
   - Three (3) semester hours in 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.

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</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
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<tr>
<td>AMH 1010</td>
<td>American History I</td>
<td>3</td>
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<tr>
<td>AMH 2020</td>
<td>American History II</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>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
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<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>
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<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>
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<td>EUH 2011</td>
<td>Ancient History I</td>
<td>3</td>
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<td>EUH 2021</td>
<td>Medieval History I</td>
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<td>EUH 2022</td>
<td>Medieval History II</td>
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<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>
</tbody>
</table>
Semester (July 15th), Spring Semester (November 15th), and USF. The deadlines to submit an application are as follows: Fall of Education (COE) is separate and in addition to admission, call (813) 974-1804. The admission process to the College of Education Advising Offices with an academic advisor in EDU 106 each semester. For admitted College of Education students, College of Education (EDU 106).

Education Advising
Student Academic Services (SAS) 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: Pre-Education Advising, 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 in EDU 106 each semester. For additional contact information, please call the SAS office or visit the web site at http://www.coedu.usf.edu/sas/.

Advising Offices
Tampa Campus: For admitted College of Education students, EDU 106, (813) 974-1804. For pre-education students, DAC 107, (813) 974-2979.
Sarasota Campus: USS 805D, (941) 359-4331 or 4330.
Lakeland Campus: LLC 2100, (800) USF-5636 (in state only), or (863) 867-7023.
USF - St. Petersburg: DAV 134, (727) 553-1511.
Office Hours: 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Generally offices are open 9:00 a.m. - 5:00 p.m. Monday through Friday. 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:
Admitted USF students are eligible.) For general information, call (813) 974-1804. The admission process to the College of Education (COE) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (July 15th), Spring Semester (November 15th), and Summer Semester (April 15th). 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 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 in Teacher Education Programs
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 General Knowledge Test).
3. Completion of an application for the final internship by the deadline noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Application deadline for Fall Semester is January 15th. Application deadline for Spring semester is June 15th.
4. Completion of fingerprinting and background check as required by the school district in which the student is placed.
5. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary 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.
6. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.50 in professional education and specialization coursework, as well as an overall USF GPA of 2.50. Special Education programs require an overall USF GPA of 2.50. Secondary Education programs require a minimum GPA of 2.50 in professional education and specialization coursework or an overall USF GPA of 2.50.
7. Students must earn a minimum “C-” grade or “S” in their required major courses.

College Requirements for Graduation from Teacher Education Programs
To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>
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<tr>
<td>INR 1015</td>
<td>World Perspective</td>
<td>3</td>
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<td>Latin American History in Film</td>
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<tr>
<td>LIT 2010</td>
<td>Introduction to Fiction</td>
<td>3</td>
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<td>LIT 2040</td>
<td>Introduction to Drama</td>
<td>3</td>
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<tr>
<td>MUL 2011</td>
<td>The Enjoyment of Music</td>
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<td>MUH 2051</td>
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<td>MUH 2632</td>
<td>Music in the United States</td>
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<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
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<td>POS 2080</td>
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<td>REL 2306</td>
<td>Contemporary World Religions</td>
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<td>REL 3501</td>
<td>History of Christianity</td>
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<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, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. 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.

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 the catalog for additional specialty preparation requirements. Information regarding admission requirements for programs may also be obtained from the Student Academic Services, College of Education (EDU 106).

Summer Semester (April 15th). 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.

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.

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.

4. Completion of fingerprinting and background check as required by the school district in which the student is placed.

5. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary 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.

6. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.50 in professional education and specialization coursework, as well as an overall USF GPA of 2.50. Special Education programs require an overall USF GPA of 2.50. Secondary Education programs require a minimum GPA of 2.50 in professional education and specialization coursework or an overall USF GPA of 2.50.

7. Students must earn a minimum “C-” grade or “S” in their required major courses.

College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.

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.

4. Completion of fingerprinting and background check as required by the school district in which the student is placed.

5. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary 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.

6. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.50 in professional education and specialization coursework, as well as an overall USF GPA of 2.50. Special Education programs require an overall USF GPA of 2.50. Secondary Education programs require a minimum GPA of 2.50 in professional education and specialization coursework or an overall USF GPA of 2.50.

7. Students must earn a minimum “C-” grade or “S” in their required major courses.

College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.
2. Successful completion of all program requirements for ESOL endorsement.

3. A minimum overall USF grade-point average of 2.50 or a minimum GPA of 2.50 in teaching specialization courses and a minimum GPA of 2.50 in the Professional Education sequence is required for Secondary Education Programs. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.50 in professional education and specialization as well as an overall USF GPA of 2.50.

4. Satisfactory completion of the internship is also required. Must pass the General Knowledge Test prior to the completion of internship.

5. Passing scores on the appropriate FTCE Subject Area and Professional Education subtests.

6. All documents due for graduation (i.e., test scores, final grades, final transcripts) must be submitted to the Director of Undergraduate Programs and Internship (in EDU 106) no later than 5:00 pm on the Friday after the graduation ceremony. If that date is a university holiday, then the said information must be submitted no later than 5:00 pm on the Thursday after the graduation ceremony.

7. Completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation).

8. A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF.

9. A minimum of 30 hours after admittance to the upper-level program.

Note: Normally, the college will recommend the granting of a Bachelor of Science degree which 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 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, and must have a graduating GPA of 3.2. 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. The SCATT Honors Program is an award-winning teacher-training program designed to enhance the outstanding teacher preparation programs currently offered within the College of Education. The Honors 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 Honors Program experiences 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, 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, and must have a graduating GPA of 3.2. 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. The SCATT Honors Program is highly regarded by principals, and because SCATT graduate have the enriched experiences necessary to be school-based leaders, they are highly sought-after by principals seeking to fill teaching positions with qualified graduates.

To apply to the SCATT Honors Program, students must be admitted to the College of Education in a program that requires a full-time internship experience, have at least 30 credit hours of program course work remaining prior to graduation, complete an application available from the SCATT office (located on the second floor of the David C. Anchin Center, just off the Round), 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>
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<tr>
<td>Early Childhood</td>
<td>Childhood Education</td>
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<tr>
<td>Elementary Education</td>
<td>Childhood Education</td>
<td>(BEE)</td>
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<td>Exceptional Student</td>
<td>Special Education</td>
<td>(BEX)</td>
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<td>English Education</td>
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<td>Mathematics</td>
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<td>K-12</td>
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<td>(BPS)</td>
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<td>Athletic Training</td>
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<td>Physics</td>
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<tr>
<td>Social Science</td>
<td>Secondary Education</td>
<td>(BSS)</td>
</tr>
<tr>
<td>Education</td>
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</tbody>
</table>

Music Education is 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

Note: Effective fall 2005, the department of Adult, Career and Higher Education phased 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. Petersburg Junior College] anticipates launching Business Education, Technology Education, and Industrial-Technical Programs during the 2005-2006 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 plan you intend 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 with 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/Private. 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, associated internships, and a professional portfolio demonstrating the program outcomes and the Florida Educator Accomplished Practices. 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) FLE 4362, FLE 4363, and FLE 4364, 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 FLE 4362; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from FLE 4362, FLE 4363, and FLE 4364, 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 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.

- 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 (39 cr. hrs.):

- EDF 4111 Child Growth and Learning
- 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
- FLE 4362 Curriculum and Pedagogy of ESOL 3
Six (6) hours Humanities (to include Philosophy and Fine Arts)

Six (6) hours of International or Multicultural Focus

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)

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.

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 1 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 (32-33 credit hours):

EDF 3122 Learning and the Developing Child 3

EDF 3604 Social Foundations of Education (Exit) 3

EDF 4430 Measurement for Teachers 3

EEX 4070 Integrating Exceptional Students in the Regular Classroom 2-3

FLE 4362 Curriculum and Pedagogy of ESOL 3

FLE 4363 Literacy Development in English Language Learners 3

FLE 4364 Applying Linguistics to ESOL Teaching and Testing 3

EDE 4940 Internship 10-12

Specialization (41 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 in the Elementary School 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

EDE 4223 Creative Experiences for the Child 3

The order in which these courses are to be taken is spelled out in the program of study.

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.

• 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.

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 1 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 (32-33 credit hours):

EDF 3122 Learning and the Developing Child 3

EDF 3604 Social Foundations of Education (Exit) 3

EDF 4430 Measurement for Teachers 3

EEX 4070 Integrating Exceptional Students in the Regular Classroom 2-3

FLE 4362 Curriculum and Pedagogy of ESOL 3

FLE 4363 Literacy Development in English Language Learners 3

FLE 4364 Applying Linguistics to ESOL Teaching and Testing 3

EDE 4940 Internship 10-12

Specialization (41 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

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SCE 4310 Teaching Elementary School Science 3

SSE 4313 Teaching Elementary School Social Studies 3

EDE 4223 Creative Experiences for the Child 3

The order in which these courses are to be taken is spelled out in the program of study.

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 10 days; 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.
- 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 CRWX 111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

**Professional Education (23 credit hours):**
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 3214 Human Development and Learning 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
- ESE 4322 Classroom Management 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

**Additional Specialization (24 credit hours):**
- LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
  - (Must be taken with LAE 4323)
- LAE 4323 Methods of Teaching English: Middle School 3
  - (Must be taken with LAE 4464)
- LAE 4530 Methods of Teaching English: Practicum 3
  - (Must be taken with LAE 4335)
- LAE 4335 Methods of Teaching English: High School 3
  - (Must be taken with LAE 4530)
- 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.

**FOREIGN LANGUAGE EDUCATION with ESOL Endorsement**

Requirements for the B.S. Degree (BFS/BFF/BFI/BFG/BFR):
In addition to the courses listed below, students must complete “Preliminary Requirements for Students entering Teacher Education Programs.” A minimum of 30 credit hours beyond intermediate course requirements must be earned in the foreign language. Programs are available for Spanish (BFS), French (BFF), Italian (BFI), German (BFG) and Russian (BFR).

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 10 days; 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.

<table>
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<tr>
<th>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.</th>
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<tr>
<td>Professional Education (23 credit hours):</td>
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</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit) 3</td>
</tr>
<tr>
<td>EDF 3214</td>
<td>Human Development and Learning 3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers 3</td>
</tr>
<tr>
<td>EEX 4070</td>
<td>Integrating Exceptional Students in the Regular Classroom 2</td>
</tr>
<tr>
<td>FLE 4316</td>
<td>Language Principles and Acquisition 3</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12 3</td>
</tr>
<tr>
<td>Literacy Course</td>
<td>3</td>
</tr>
<tr>
<td>ESE 4322</td>
<td>Classroom Management 3</td>
</tr>
<tr>
<td>Specialization (45 credit hours):</td>
<td></td>
</tr>
<tr>
<td>ENC 3310</td>
<td>Expository Writing 3</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>LIT 3103</td>
<td>Great Literature of the World (Exit) 3</td>
</tr>
<tr>
<td>WST 4410</td>
<td>Third World Women Writers (Exit) 3</td>
</tr>
<tr>
<td>LAE 4469</td>
<td>Teaching World Literature to Middle and Secondary Students 3</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>AML 3031</td>
<td>American Literature to 1860 3</td>
</tr>
<tr>
<td>AML 3032</td>
<td>American Literature 1860-1912 3</td>
</tr>
</tbody>
</table>
At least twelve (12) hours must come from the following:

- 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 (33 credit hours):**
- EDF 3214 Human Development and Learning 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- FLE 4316 Language Principles and Acquisition 3
- FLE 4317 Teaching LEP Students K-12 3
- FLE 4363 ESOL 2 Literary Development in English Language Learners 3
- FLE 4936 Senior Seminar in Foreign Language Education 2
- FLE 4940 Internship: Foreign Language Education 10
- ESE 4322 Classroom Management 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 Methods of Teaching Foreign Languages and ESOL in the Elementary School 3
   - Spring Term:
     - FLE 4333 Methods of Teaching Foreign Languages and ESOL in the Secondary School 3
     - FLE 4370 Practicum in Foreign Language Teaching in the Secondary School 3
   - Summer Term:
     - FLE 4290 Technology in the Foreign and Second Language Classroom 3

**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 Programs (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

**Professional Education (32 credit hours):**
- EDF 3214 Human Development and Learning 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- FLE 4365 ESOL Competencies and Strategies 3
- MAE 4940 Internship: Mathematics Education 10
- MAE 4936 Senior Seminar in Mathematics Education 2
- ESE 4322 Classroom Management 3

**Specialization (30-31 credit hours):**
- MAC 2313 Calculus III 4
- MAD 3100 Discrete Mathematics 3
- MAS 3105 Linear Algebra 4
- MAS 4214 Elementary Number Theory 3
- MAS 4301 Elementary Abstract Algebra 3
- MGF 3301 Bridge to Abstract Mathematics 4
- MTH 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 “Preliminary Requirements for Students entering Teacher Education Programs.”

Prerequisites (State Mandated Common Prerequisites): These prerequisites must be met by transfer students as well as
### College of Education

#### Undergraduate Catalog

**USF students.** A grade of "C-" is the minimum acceptable grade.

- **EDF 2005** Introduction to Education
- **EMG 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 Biology Teacher Education** -
- Biology with Lab 8
- Chemistry with Lab or Physics with Lab 8
- Electives in Science 6

**For Chemistry Teacher Education** -
- 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 (29 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
- **EDF 4430** Measurement for Teachers 3
- **EEX 4070** Integrating Exceptional Students in the Regular Classroom 2
- **FLE 4365** ESOL Competencies and Strategies 3
- **SCF 4936** Senior Seminar in Science Education 2
- **SCE 4940** Internship: Science Education 10
- **ESE 4322** Classroom Management 3

**Biology Education**

**Prerequisites (38 credit hours):**

- **BSC 2010** Biology I* 3
- **BSC 2010L** Biology I Lab* 1
- **BSC 211L** Biology II* 3
- **CHM 2045, 2045L** General Chemistry I and Lab* 8
- **and**
- **CHM 2046, 2046L** General Chemistry II and Lab* 8
- **or**
- **PHY 2048, 2048L** General Physics I and Lab (with Calculus) 8
- **and**
- **PHY 2049, 2049L** General Physics II and Lab* (with Calculus) 8
- **or**
- **PHY 2053, 2053L** General Physics and Lab* 8
- **and**
- **PHY 2054, 2054L** General Physics and Lab 8
- **Science Elective (Earth Science Only) 3**

**Specialization (33 credit hours):**
- **Human Anatomy Physiology Course** 3
- **CHM 2046** General Chemistry II with lab 4
- **PHY 2054** General Physics II with lab 4

**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* 8
- **and**
- **BSC 2011, 2011L** Biology II and Lab* 8
- **or**
- **PHY 2048, 2048L** Physics I and Lab* (with Calculus) 8
- **and**
- **PHY 2049, 2049L** Physics II and Lab* (with Calculus) 8
- **or**
- **PHY 2053, 2053L** Physics and Lab* 8
- **and**
- **PHY 2054, 2054L** Physics and Lab* 8
- **Science Elective (Earth Science Only) 3**

**Specialization (32 credit hours):**

- **CHM 3120C** Elementary Analytical Chemistry 3
- **CHM 3400** Elementary Physical Chemistry I 3
- **CHM 3610, 3610L** Intermediate Inorganic Chemistry 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 4236** Science, Technology, Society Interaction 3
- **or**
- **CHM 4070** Historical Perspectives in Chemistry 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* 8
- **and**
- **BSC 2011, 2011L** Biology II and Lab* 8

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Additional Requirements

- **MAC 2281** Engineering Calculus I 4

**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* 8
- **and**
- **BSC 2011, 2011L** Biology II and Lab* 8
- **or**
- **PHY 2048, 2048L** Physics I and Lab* (with Calculus) 8
- **and**
- **PHY 2049, 2049L** Physics II and Lab* (with Calculus) 8
- **or**
- **PHY 2053, 2053L** Physics and Lab* 8
- **and**
- **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 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 4236** Science, Technology, Society Interaction 3
- **or**
- **BSC 4057** Environmental Issues 3
- **or**
- **PHY 4031** Great Themes in Physics 3

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**Physics Education**

**Prerequisites (33 credit hours):**

- **BSC 2010, 2010L** Biology I and Lab* 8
- **and**
- **BSC 2011, 2011L** Biology II and Lab* 8
or CHM 2045, 2045L General Chemistry I and Lab* and
CHM 2046, 2046L Chemistry II and Lab* 8
PHY 2048, 2048L General Physics I and Lab* (with Calculus)
and
PHY 2049, 2049L General Physics II and Lab* 8
or
PHY 2053, 2053L General Physics I and Lab* and
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
PHY 4031 Great Themes in Physics 3
Physics Electives (Select from PHY3 to PHY5, PHZ3 to PHZ5)
Computer Applications in Physics 3
SCE 4320 Teaching Methods in Middle Grade Science 3
SCE 4330 Teaching Methods in Secondary School Science 3
SCE 4305 Communication Skills in the Science Classroom 3
SCE 4236 Science, Technology, Society Interaction 3
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 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 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)
• Three (3) hours American Government¹
• Three (3) hours Anthropology²
• Three (3) hours Cultural Geography³
• Three (3) hours Economics⁴
• Three (3) hours History

• 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 requirement.

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
or
ANT 2000 Introduction to Anthropology
or
ANT 2410 Cultural Anthropology

3 GEA 2000 Global Geography
or
ECO 1000 Basic Economics

5 SYG 2000 Introduction to Sociology
or
SYG 2010 Contemporary Sociology

Professional Education Core (17 credit hours):
EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education (Exit) 3
EDF 4430 Measurement for Teachers 3
EEX 4070 Integrating Exceptional Students in the Regular Classroom 2
FLE 4365 ESOL Competencies and Strategies 3
ESE 4322 Classroom Management 3

Social Sciences Specialization (48 credit hours):
AMH 2010 American History I 3
AMH 2020 American History II 3
GEA 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 4054 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
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 profession-based standards to develop and use objective, product, 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.

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 Physical Education Teacher Preparation Program, Exercise Science 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 wellness, and professional standards to develop and use objective, product, 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.

- PHYSICAL EDUCATION, EXERCISE SCIENCE AND ATHLETIC TRAINING

Students must enroll in one of the following programs: a) Physical Education K-12 (Florida Teacher Certification); b) Exercise Science; or c) Athletic Training.

Requirements for the B.S. Degree (PET, BAT, 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 Exercise Science may enter in the Fall Semester of each year only. Students in Athletic Training must enter the Summer Semester (Session B) prior to their junior year. 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-12 Physical Education Major (PET):
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. Prerequisites must include a laboratory component.

Semester I:
EDF 3122 Learning and the Developing Child 3
or
EDF 4131 Learning and the Developing Adolescent 3
EDG 4909 Directed Studies 3
FLE 4365 ESOL Competencies and Strategies 3
PET 3421 Curriculum & Instruction in Phys. Ed. 3
PET 4432 Instructional Design & Content: Physical Education Elementary 3
Total 15

Semester II:
EDF 3604 Social Foundations of Education (Exit) 3
EDF 4430 Measurement for Teachers 3
PET 3031 Motor Behavior 3
PET 4433 Instructional Design & Content: Physical Education Elementary II 3
PET 4942 Phys. Ed. Pre-Internship: Elementary 3
Total 15

Semester III:
PET 3012 Professional Development in Phy. Ed. I 1
PET 3441 Instructional Design & Content: Middle School Physical Education 3
RED 4310 Reading and Learning to Read 3
PET 3640 Adapted Physical Education 3
PET 4304 Principles and Issues in Coaching (optional) 3
Total 13

Semester IV:
PET 3013 Professional Development in Phys. Ed. II 1
EDG 4909 Directed Studies 3
PET 4441 Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education 3
PET 4442 Instructional Design & Content: Physical Education Secondary 3
PET 4944 Phys. Ed. Pre-Internship: Secondary 3
Total 13

* Only SSE 4333 must be successfully completed prior to SSE 4335.
**Only SSE 4936 can be taken at the same time as SSE 4940.
Semester V
PET 4946 Internship in Phys. Ed.: Elementary 6
PET 4947 Internship in Phys. Ed.: Secondary 6
PET 3252 Issues in Sport (exit) 3
Total 15

For Exercise Science Major (BPW):
Students who successfully complete the undergraduate Exercise Science Major earn a B.S. degree in Physical Education with a Specialization in Exercise Science. This program is offered in the School of Physical Education, Wellness, and Sport Studies in the College of Education. The Exercise Science program is endorsed by the American College of Sports Medicine (ACSM) and prepares students for a variety of entry level positions in the exercise science field. See our website (http://pe.usf.edu/exsci/) for the types of jobs and job settings available as well as other important information. Successful completion of the program qualifies students for national professional certifications such as ACSM’s Health/Fitness Instructor (H/FI) and the National Strength and Conditioning Associations (NSCA’s) Certified Strength and Conditioning Specialist (CSCS).

The course work is offered over a two-year period beginning in the fall semester of the student’s junior year as shown below. The summer session between the junior and senior year is mandatory. Students can enter the program during the fall semester only and they progress through the program in a cohort.

Major Requirements:
The exercise science program is a full-time program. Students must be available for classes from 8:00 am - 4:00 pm, Monday through Thursday each semester. Additional time commitments may be necessary for course work such as PET 3940 (Practicum) and PET 4941 (Internship). The exercise science program is a limited access program meaning that enrollment is limited to 30 students each fall semester. Selection of the 30 students is based on the following criteria:

1. An overall GPA of 2.50. This is a College of Education criterion.
2. Completion of all the following “common statewide prerequisites” for exercise science programs by the spring semester prior to fall admission with a C- or higher.
3. Students with the top 30 composite GPAs will be selected for admission into the program.

NOTE: Though no computer course is recommended, students need to possess excellent computer skills, e.g., MS applications.

Admission Criteria: Students must:
1. Apply to the University of South Florida.
2. Submit a completed application to the Exercise Science program, including official transcripts between June 1st and July 15th for fall admission.
3. Complete the General Education requirements for the University of South Florida.
4. Successfully meet exemption requirements for CLAST or successfully complete the exam.

Requirements, After Admission:
By August 1st, students will be informed if they have been accepted into the program. Once admitted, students will need to meet the following requirements:

1. Attend a College of Education Orientation prior to the beginning of the fall semester.
2. Sign an agreement to abide by the standards set forth in the School of Physical Education, Wellness, and Sports Studies Student Handbook on Professional Behavior and Ethical Conduct.
3. Pay for costs in addition to tuition, fees, and books such as:
   a. Material and supply fee for PET 3384
   b. Student membership for the Exercise Science student organization -- PRESS
   c. Professional liability insurance
   d. Student membership in at least one professional organization
   e. Transportation to and from practicum and internship sites
   f. Possible requirements of practicum/internship sites such as health/medical exam, immunizations/vaccines, criminal background check, finger printing, drug/alcohol screening, personal health insurance, uniforms, and parking

4. Receive a grade of C- or higher in all required courses and maintain a 2.5 GPA in order to progress to the next semester.
5. Complete 10 hours of volunteer community service for a non-profit health care organization.
6. Complete Continuing Education Credit (CEC) tests published in exercise science refereed journals.

Semester 1 Fall (12 hours)
PET 3211 Stress Management 2
PET 3312 Biomechanics 3
PET 3314 Professional Development Seminar 1
PET 3353 Exercise Physiology 3
PET 3361 Nutrition for Fitness and Sport 3

Semester 2 Spring (15 hours)
PET 3365 Physical Activity Epidemiology 3
PET 3384 Exercise Testing and Prescription 3
PET 3713 Theory & Practice of Teaching Group Exer. 3
PET 3404 Emergency Response and Planning 3
PET 3711 Physical Education Ethics 3

Semester 3 Summer (9 hours)
PET 3940 Practicum in Fitness/Wellness 3
PET 4093 Strength and Conditioning 3
PET 4402 Planning & Eval. Fitness/Wellness Prog. 3

The following are "recommended" prerequisite courses and the grades in these courses will not be used to calculate the "common statewide prerequisite" GPA for admission.
Semester 4 Fall (12 hours)
PET 4219 Exercise Psychology 3
PET 4406 Individualized Fitness/Wellness Prog. 3
PET 4416 Administration of Fitness/Wellness Center 3
PET 4550 Clinical Exercise Testing & Prescription 3

Semester 5 Spring (12 hours)
PET 4941 Internship in Fitness/Wellness 9
PET 3252 Issues in Sport (Liberal Arts Exit) 3

For Athletic Training Major (BAT):
The undergraduate Athletic Training Major is a limited ac-

cess program designed to prepare students for a successful care-

er as a qualified allied health care professional educated and

experienced in the management of health care problems

associated with sports participation. Admission to the major

is gained through completion of required criteria set forth by

the School of Physical Education, Wellness, and Sport Studies

in addition to the regular university application process. Suc-

cessful completion of the major qualifies students to take the

Board of Certification Examination and the State of Florida

Athletic Training Licensing Exam. The Athletic Training Program

is accredited by the Commission on Accreditation of Allied Health

Education Programs (CAAHEP).

This is a full-time 2-year program with a considerable clinical

education component. Students must be available for class

from 8am - 12pm daily and from 2pm - 7pm daily for clinical

education. Considerable evening and weekend hours may also

be required. Students will accumulate a minimum of 250 hours

of clinical education per semester.

Graduates from this program establish successful careers

as athletic trainers in secondary schools, colleges and univer-

sities, professional sports programs, sports medicine clinics,

and other athletic health care settings. Interested students

should visit our web site (http://pe.usf.edu/ath_trng/). The web

site offers students a proposed four-year course sequence, a

description of our program, a listing of approved clinical sites,

and dates/times of information meetings.

Major Requirements:
In order to be admitted to the Athletic Training Program,

students must participate in a selective admissions procedure.

Information meetings are held monthly to provide students with

information, applications and forms. Times and locations are

listed on the program’s web site at http://pe.usf.edu/.

Enrollment in the program is limited and students must apply

before February 1 of each year for admission on the following:

- Semester 4 Fall
- Semester 5 Spring

Students must complete at least 60 semester credit hours of the total 120 credit hours required for graduate prior to admission. Admission process includes a minimum of 250 hours of clinical education per semester. Students will accumulate a minimum of 250 hours of clinical education per semester.

Graduates from this program establish successful careers as athletic trainers in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, and other athletic health care settings. Interested students should visit our website (http://pe.usf.edu/ath_trng/). The website offers students a proposed four-year course sequence, a description of our program, a listing of approved clinical sites, and dates/times of information meetings.

Major Requirements:
In order to be admitted to the Athletic Training Program, students must participate in a selective admissions procedure. Information meetings are held monthly to provide students with information, applications, and forms. Times and locations are listed on the program's website at http://pe.usf.edu/.

Enrollment in the program is limited, and students must apply before February 1 of each year for admission. Admission process includes:

- Semester 4 Fall
- Semester 5 Spring

Students must complete at least 60 semester credit hours of the total 120 credit hours required for graduation prior to admission. Admission process includes:

- Prior admission to the University
- Application to the athletic training program
- Submission of all transcripts, recommendation forms, 50 hours of observation of a Certified Athletic Trainer and a written essay on career goals. Students are given a pre-interview score consisting of scores for GPA, GPA in prerequisite classes, professional involvement, leadership ability, recommendations, observation hours, and essay. Top candidates will be invited for an interview. Interviews are held the last weekend in February yearly. Students will be notified of their status in the program following the interview. This program begins during the Summer "B" session.

1. Admission Criteria: Students must:
   a. Apply to the University of South Florida no later than December 1st of the year preceding application to the Athletic Training Program.
   b. Meet the criteria for admission to the College of Education. (exemption from the three common course prerequisites: EDF2005, EDG 2701, and EME 2400)
   c. Complete the General Education Requirements of the University (36 credit hours).
   *See the University General Education Requirements section of the catalog.

   d. Complete the following prerequisite or an equivalent with at least a “C” average (33 credit hours):
      - BSC 2010 Biology I - Cellular Processes 3
      - BSC 2010L Biology I Laboratory 3
      - BSC 2011 Biology II - Diversity* 3
      - BSC 2011L Biology II Lab* 1
      - BSC 2093C Human Anatomy & Physiology I 4
      - or
      - BSC 2085 Anatomy & Physiology I for Nursing and other Healthcare Professionals 3
      - and
      - BSC 2085L Anatomy & Physiology Lab I for Nursing and other Healthcare Professionals 1
      - BSC 2094C Human Anatomy & Physiology II 4
      - or
      - BSC 2086 Anatomy & Physiology II for Nursing and other Healthcare Professionals 3
      - and
      - BSC 2086L Anatomy & Physiology Lab II for Nursing and other Healthcare Professionals 1
      - CHM 2045 General Chemistry I 3
      - CHM 2045L General Chemistry I Laboratory 1
      - PET 2622 Care & Prevention of Physical Injuries 3
      - PHY 2053 General Physics 3
      - PHY 2053L General Physics Laboratory 1
      - PSY 2012 Introduction to Psychological Science 3
      - STA 2023 Introductory Statistics I 4
   e. Successfully meet exemption requirements for the CLAST or successfully complete the exam.
   f. Achieve a cumulative GPA of 2.5.
   g. Achieve a prerequisite GPA of 2.8.
   h. Submit a completed Athletic Training Application by February 1st.
   i. Complete and record 50 hours of observation with a certified Athletic Trainer. Half of the hours must be done in a "traditional" athletic training setting (i.e., high school, college/university or professional sports venue). The remaining hours may be done in a sports medicine clinic under a Certified Athletic Trainer. See the Clinical Coordinator for placement and documentation forms. Documentation should be submitted with application.
   j. Students must be First Aid and CPR certified at the time of application and maintain certification throughout the academic program. This may be initially accomplished by taking HSC 2400 First Aid & CPR or taking courses through the American Red Cross, National Safety Council or American Heart Association.
   k. Meet the technical standards for admission or show potential for accomplished tasks with accommodation as determined by the Student Disability Office.
   l. A maximum of 6 credit hours of general education and pre-requisite requirements may be taken following admission to the program. The 6 hours may not include PET 2622 or BSC 2093, 2094.
   m. Complete an interview by invitation.

*CSC 2011 and BSC 2011L are required as prerequisite for BSC 2093C and BSC 2094C at USF. Students that have already taken BSC 2093C and BSC 2093C or equivalent at other institutions do not have to complete BSC 2011 and BSC 2011L.

Required Professional Core Courses:
HUN 2201 Nutrition 3
PET 3310 Kinesiology 3
PET 3351 Exercise Physiology I 3
PET 3617C Orthopedic Physical Assessment (Upper Extremity) 3
PET 3618C Orthopedic Physical Assessment (Lower Extremity) 3
PET 3621C Athletic Training Techniques 3
PET 3630C Techniques in Therapeutic Exercise 3
Professional Education Core (34-39 cr. hrs.):

EDF 3122 Learning and the Developing Child 3
EDF 3214 Human Development and Learning 3
EDF 3604 Social Foundations of Education 3
EDF 4111 Child Growth and Learning 3
EDF 4131 Learning and the Developing Adolescent 3

In addition the department offers:

EDF 3228 Human Behavior and Environmental Selection 3
EDF 4905 Independent Study: Educational Foundations 1-3
EDF 4909 Directed Study: Educational Foundations 1-3
EDF 5136 Adolescence 4
EDF 5285 Programmed Instruction and Teaching Machines 3
EDF 5607 Trends in Social-Political Foundations of Schooling in the U.S. 3
IDS 3115 Values and Choices 3

The Counselor Education program offers undergraduate courses focusing on human services skill development, decision-making and personal growth. Course content contributes to student success in academic and personal endeavors and may serve to orient students to postgraduate work in human services fields.

MHS 4052 Human Relations Skills in Counseling 4
MHS 4905 Independent Study: Guidance and Counseling Education 1-4
SDS 4040 Introduction to Student Personnel Work in Higher Education 2

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 any other campus 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 10 days; 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 (31-32 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
- 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 1-10
- EEX 4936 Senior Seminar in Exceptional Student Education 1

**Area of Specialization**

**Exceptional Student Education**

Students seeking the B.S. degree with certification in Exceptional Student Education 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 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.

**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 member 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.

**Multi-Cultural Organization of Students in Education (M.O.S.E.)**

The Multi-Cultural 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 the various opportunities available to them, scheduling activities that will enrich their experiences, as well as organizing the sponsorship and participation in community service programs. Created support systems are provided (bi-weekly meetings and faculty to student mentoring). Guest speakers are also invited to meetings to discuss topics of interest such as employment and graduate school.
EDUCATION FACULTY

ADULT, CAREER & HIGHER EDUCATION

Childhood/Language Arts/Reading Education

Educational Measurement and Research

Physical Education, Exercise Science, and Sport Studies
Director: S. Sanders; Professors: J. Eickhoff-Shemek, F.N. Faucette, M. J. Stewart; Associate Professor: C.D. Ashley; Assistant Professors: B. Bie, M. Cuppett, M. Kilpatrick, P. Vanguri.

Psychological and Social Foundations

Secondary Education

Special Education
MISSION STATEMENT

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 providing 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 multidisciplinary approaches, commitment to life-long learning and awareness of societal issues, which are requisite for meeting technological challenges.

The College provides technical assistance and technological transfer to the region, state and nation. In all facets of teaching, research and service, the College emphasizes close liaisons 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, General Engineering, Industrial Engineering, and Mechanical Engineering. In addition, the College offers a minor in Biomedical Engineering and several certificate programs offering additional specialization expertise in a related or cross disciplinary area.

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) has 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 the freshman year, 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 Student College Council and the College of Engineering’s distance education program, APEX, 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 admission standards and requirements for their prospective program, which are more stringent than the University’s minimum entrance requirements.

The high school student anticipating a career in engineering should elect the strongest academic program that is available while in high school, including four years each of English, mathematics and science (preferably including Chemistry, Physics, and Biology), as well as full programs in the social sciences and humanities.

Prospective students considering engineering at the University of South Florida who lack certain preparation in high school must elect to follow a program to overcome their deficiencies. Alternatives for these students, classified as “Pre-Engineering majors” might include preparatory coursework at the University of South Florida or community colleges that offer a wide range 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) for a course equivalency list.

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 PCs and Unix workstations. All lab 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 class assignments. Multimedia software packages such as MS FrontPage, Adobe Acrobat, Illustrator, Photoshop, Omni Page Pro, Paint Shop 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

It is strongly recommended that engineering students obtain a laptop (suggested) or desktop 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://www2.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 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 in 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

Engineering students participating in the University Honors Program are able to complete their Engineering Bachelor's degree in four years. Many enter the 5 Year program in the fourth year to pursue combined Bachelor and Masters programs in Engineering. Students who qualify for the Honors Program at USF should contact the Honors College or Engineering Student Services to learn about the benefits of this prestigious program.

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 satisfactorily completing Calculus I and II and Physics I and II with labs. 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)
   MAC 2283 MAC 2313* (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

   **Bachelor of Science in Chemical Engineering**
   The Department of Chemical 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, the minimum acceptable grade in math and science prerequisites is a C (C- is insufficient). Minimum acceptable grades for math, science and engineering courses, as they pertain to specific degree programs are defined by the academic departments. Students are strongly encouraged to familiarize themselves with departmental guidelines.

   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.

   **The Department of Chemical Engineering**

   **Bachelor of Science in Chemical Engineering:**
   - Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283, 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 Civil and Environmental Engineering**

   **Bachelor of Science in Civil Engineering:**
   - Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC 2283, 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

   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 requested.

   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.
The Department of Computer Science and Engineering

Bachelor of Science in Computer Engineering and Bachelor of Science in Computer Science

Admission to the Department as a Pre-CSE student requires

- Completion of ENC1101, ENC1102, MAC2311, MAC2281 or MAC2241, MAC2312, MAC2282 or MAC2242, PHY2048 and PHY2048L, PHY2049, PHY2049L with a 3.0 GPA (based on best attempt in these courses) and a minimum grade of C in each course.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

Admission to one of the three major degree tracks is granted by also meeting the following continuation requirements

- Completion of CDA3103 and COP3514 with a minimum grade of C and a GPA of 3.0, based on all attempts in these two courses
- 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, PHY2048 and PHY2048L, PHY2049, PHY2049L, PHY2053 and PHY2053L, PHY2054 and PHY2054L or PHY2054L with a 3.0 GPA (based on best attempt in these courses) and a minimum grade of C in each course.
- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

Admission to one of the three major degree tracks is granted by also meeting the following continuation requirements

- Completion of CDA3103 and COP3514 with a minimum grade of C and a GPA of 3.0, based on all attempts in these two courses
- A minimum overall GPA of 2.0
- 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, PHY2048, PHY2048L, PHY2049, PHY2049L, CHM2045, CHM2045L with a minimum grade of C in each course and a 2.25 GPA based upon all attempts in these courses.
- 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, 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, 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. Up to six credit hours, to be determined by program, may be counted toward both degrees.

Students apply for admission to this program through their departmental advisor. Admissions requirements vary by department.

Applicants must have senior standing (90 credits) with at least 16 upper level engineering credits and must meet or exceed the graduate program entrance requirements of the departments.

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 3246 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>
<tr>
<td>Exit Requirements* (Must be taken at USF)</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.

In addition, 12 hours considered Gordon Rule Communication (6A) courses must be completed. For Engineering students, these are ENC 1101, ENC 1102, ENC 3246, 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 selected field of specialization, as specified by the department. Science coursework includes the Physics with Calculus sequence 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. S/U 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 policy may 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 and time limit for completing 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 IF. 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 math and science prerequisites is a C (C- is insufficient). Minimum acceptable grades for engineering, math and science courses, as they pertain to specific degree programs, are defined by the academic departments. Students are strongly encouraged to familiarize themselves with departmental guidelines.

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:

- Overall Undergraduate GPA
- USF GPA
- GPA* in Math and Science courses required for the curriculum
- Engineering Courses
- Specialization Courses

*Note: The Math Science GPA is based upon the best attempt. Other categories include all attempts, unless grade forgiveness

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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 initiate 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 even if passing grades have been obtained in the math prerequisites for engineering.

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
April 1st 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 biological 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 studies 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 Technology Management
A post baccalaureate student may enhance their professional achievement by receiving a Certificate in Technology Management. The required fifteen (15) semester hours in five (5) courses will enhance students’ ability to succeed in a highly competitive global environment. This certificate is designed for individuals with technical backgrounds. Qualitative approaches with quantitative methods are emphasized to strengthen technical credentials and while developing managerial competencies. This program is offered by the Department of Industrial and Management Systems Engineering on the Tampa Campus or online via APEX.

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. Courses include Statistical Quality Control, Design of Experiments, Reliability, Total Quality Management, and Benchmarking. 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 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. Courses must be taken on a letter-grade basis, and a minimum of 9 hours must be in engineering courses.
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.
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 |
| MAC 2281 |
| MAC 2282 |
| MAC 2283 |
| MAP 2302 |
| or MAC 2281, MAC 2282, MAC 2283 |
| Natural Sciences: |
| USF |
| CHM 2045 |
| CHM 2045L |

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

| Semester I |
| ENC 1101 Composition I |
| MAC 2281 Engineering Calculus I |
| CHM 2045 General Chemistry I |
| CHM 2045L General Chemistry I Lab |
| EGN 3000 Foundations of Engineering |
| ALAMEA Perspectives Elective |
| Fine Arts Elective |
| Total |

| Semester II |
| ENC 1102 Composition II |
| MAC 2282 Engineering Calculus II |
| CHM 2046 General Chemistry II |
| CHM 2046L General Chemistry II Lab |
| PHY 2048 General Physics I |
| PHY 2048L General Physics I Lab |
| Total |

| Semester III |
| MAC 2283 Engineering Calculus III |
| PHY 2049 General Physics II |
| PHY 2049L General Physics II Lab |
| EGN 3443 Engineering Statistics |
| Historical Perspectives Elective |
| Social Science Elective |
| Total |

| Semester IV |
| EGN 3433 Modeling & Analysis of Engineering Systems |
| or MAP 2302 Differential Equations |
| EGN 3343 Thermodynamics |
| ENC 3246 Communication for Engineers (6A L&W) |
| ECH 3023C Material and Energy Balances |
| ECH 4936 Undergraduate Seminar |
| Total |

| Summer |
| CHM 2210 Organic Chemistry I |
| CHM 2210L Organic Chemistry I Laboratory |
| Social Science Elective |
| Historical Perspectives Elective |
| Total |
Semester V
ECH 4123 Chemical Engineering Thermodynamics 3
ECH 4264 Transport Phenomena 4
ECH 4845 Numerical Methods in Chem Eng 4
Chemical Engineering Elective 3
Total 14

Semester VI
ECH 3702 Instrument Systems 3
ECH 3242L Chemical Engineering Lab I 1
ECH 4265C Mass Transfer Operations 4
CHM 2211 Organic Chemistry II 3
CHM 2211L Organic Chemistry II Lab 2
Chemical Engineering Electives 3
Total 16

Semester VII
ECH 4415C Reaction Engineering 4
ECH 4243L Chemical Engineering Lab II 1
ECH 4824 Introduction to Materials Science 3
ECH 4323C Process Dynamics and Control 3
ECH 4931 Special Topics in Chemical Engineering II* 1
Total 12

Semester VIII
ECH 4615 Plant Design (MW/MI) 4
ECH 4741 Engineering of Biological Systems 3
ECH 4244L Chemical Engineering Lab III 1
Chemical Engineering Elective 4
Total 14

*Please see academic advisor for required special topics course.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3246 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 ENC3246 and ECH4615.

Biomedical Engineering Minor

This biomedical engineering minor is a 15 credit hour program that is open to all engineering majors and other students that meet the prerequisites listed below. For engineering majors, at least 9 hours beyond the B.S. in any Engineering discipline must be completed for the biomedical engineering minor. Student must register with the Department of Chemical Engineering undergraduate advisor prior to starting this minor program. Departments within the College of Engineering are currently developing additional courses that will be added to the list of courses that can be applied to this minor, so consultation with the advisor will insure that students are informed of all offered courses.

Prerequisite courses:
1. Biology I: BSC 2010
2. Calculus II: MAC 2282, MAC 2242, MAC 2233 or MAC 2312
3. Physics II: PHY 2049 or PHY 2054
4. General Chemistry II: CHM 2046

Required Courses (6 hours)
ECH 4931 Special Topics in Chemical Engineering* 3
ECH 4741 Engineering of Biological Systems 3

The remaining 9 credit hours can be taken from the following list:
ECH 6417 Bioseparations 3
ECH 4931 Special Topics in Chemical Engineering** 3

PHZ 4702 Applications of Physics to Biology & Medicine I 4
PHZ 4703 Applications of Physics to Biology & Medicine II 4
BCH 3023 Introductory Biochemistry 3
EIN 4313C Human Factors 3
BME 5006 Theory and Design of Bioprocesses 3
EIN 5245 Work Physiology/Biomechanics 3
BME 5040 Pharmaceutical Engineering 2
ECH 5748 Selected Topics in Biomedical Engineering** 1-10
BME 5748 Selected Topics in Biomedical Engineering ** 3

*Please see academic advisor for required special topics course.
**Please see academic advisor for selected special topics courses.

• 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 or Science in Engineering (M.S.E.)
Master of Science in Environmental Engineering (M.S.E.V.)
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 within 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 co-workers, 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 15 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
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)

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
Students entering the Civil & Environmental 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.

Continuation Requirements
Continuation in the Civil & Environmental Engineering program requires a minimum grade of “C” as well as a 2.5 GPA (based on best attempt) over the following courses:

EGN 3311 - Statics
EGN 3331 - Mechanics of Materials
EGN 3353 - Basic Fluid Mechanics
EGN 3365 - Materials Engineering I

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I
ENC 1101 Composition I 3
MAC 2281 Engineering Calculus I 4
CHM 2045 General Chemistry I 3
CHM 2045L General Chemistry I Lab 1
EGN 3000 Foundations of Engineering 1
Social Science Elective 3
Total 15

Semester II
ENC 1102 Composition II 3
MAC 2282 Engineering Calculus II 4
CHM 2046 General Chemistry II 3
PHY 2048 General Physics I 3
PHY 2048L General Physics I Lab 1
EGS 1113 Introduction to Design Graphics 3
Total 17
### Summer Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ALAMEA</td>
<td>Perspective Elective</td>
<td>3</td>
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<tr>
<td>EGN 3615</td>
<td>Engineering Economics with Social &amp; Global Implications</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
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### Semester III

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</thead>
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<tr>
<td>PHY 2049</td>
<td>General Physics II</td>
<td>3</td>
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<tr>
<td>MAC 2283</td>
<td>Engineering Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>EN 3311</td>
<td>Statics</td>
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<tr>
<td>ENC 3246</td>
<td>Communication for Engineers (6A L&amp;W)</td>
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### Semester IV

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<tr>
<td>EN 3321</td>
<td>Dynamics</td>
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<tr>
<td>EN 3343</td>
<td>Thermodynamics</td>
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### Semester V

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<tr>
<td>EGN 3353</td>
<td>Fluid Mechanics</td>
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<tr>
<td>EGN 3331</td>
<td>Mechanics of Materials</td>
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<td>ENV 4001</td>
<td>Environmental Engineering I</td>
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<td>TTE 4004</td>
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<tr>
<td>EN 4420</td>
<td>Numerical and Computer Tools</td>
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<td>CWR 4202</td>
<td>Hydraulics</td>
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<td>CWR 4103</td>
<td>CE Lab</td>
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<td>EN 3373</td>
<td>Introduction to Electrical Systems I</td>
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<td>GLY 3850</td>
<td>Geology for Engineers</td>
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<td>CE Concentration Elective</td>
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<td>CE Capstone Design Requirement (MW/MI)</td>
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*Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC 3246 and by selecting one general education course from that elective content. Gordon Rule (6A) is also met 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 ENC3246 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 co-requisites in choosing their electives.

- CCE 4034 Construction Management
- CEG 4012 Geotechnical Engineering II
- CES 4605 Concepts of Steel Design
- CGN 4702 Concepts of Concrete Design
- CGN 4851 Concrete Construction Materials
- CGN 4933 Special Topics in Civil and Environmental Engineering
- CWR 4103 Water Resources I
- CWR 4541 Water Resources II
- ENV 4417 Water Quality & Treatment
- TTE 4005 Transportation Engineering II

### Sample tracks for Specialization Areas

**Water Resources/Environmental Engineering**
- CWR 4103 Water Resources I
- CWR 4541 Water Resources II
- ENV 4417 Water Quality and Treatment
- CEG 4012 Geotechnical Engineering II
- CWR 4812 Capstone Water Resources/Environmental Design
- CGN 4933 Special Topics in Civil and Environmental Engineering

**Structures/Materials**
- CES 4605 Concepts of Steel Design
- CES 4702 Concepts of Concrete Design
- CGN 4851 Concrete Construction Material
- CCE 4034 Construction Management
- CES 4740 Capstone Structural/Geotechnical/Materials Design
- CGN 4933 Special Topics in Civil and Environmental Engineering

**Transportation/Geotechnics**
- TTE 4005 Transportation Engineering II
- CEG 4012 Geotechnical Engineering II
- CEG 4933 Special Topics in Civil and Environmental Engineering
- CEG 5115 Foundation Engineering
- CEG 4850 Capstone Geotechnical/Transportation Design
- CCE 4034 Construction Management

*Please see academic advisor for required special topics courses.

Students may, with the help of an advisor, formulate their own track to meet the requirements for a bachelor’s degree in civil engineering. This track will consist of five electives coupled with a capstone design course (18 credit hours).

### COMPUTER SCIENCE AND ENGINEERING

**Undergraduate Degrees Offered:**
- Bachelor of Science in Computer Engineering (B.S.Cp.E.)
- Bachelor of Science in Computer Science (B.S.C.S)
- Bachelor of Science in Information Systems (B.S.I.S)

**Graduate Degrees Offered:**
- Master of Science in Computer Science (M.S.C.S)
- Master of Science in Computer Engineering (M.S.Cp.E.)
- Doctor of Philosophy in Computer Science and Engineering (Ph.D.)
- Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers coursework and study in all areas fundamental to Computer Science, Computer Engineering, and Information Systems. Topics dealt with are computer architecture and hardware design, software engineering, computer system organization, operating systems, algorithms and data structures, computer graphics, user interface, software testing,
computer networks, database systems, robotics, theory of computation and artificial intelligence.

Our research areas of faculty concentration are 1) computer architecture and VLSI design/testing, 2) artificial intelligence and robotics, 3) graphics/image processing/computer vision, and 4) networks, 5) software testing.

Computing facilities available to students in the Department include several microprocessor and design laboratories for hardware-oriented studies, personal computer laboratories for general use in programming assignments, and networked SUN workstations for use by majors. The Department maintains a number of research laboratories equipped with special purpose hardware. In addition, the Department has access to College of Engineering SUN and PC workstations and SOLARIS servers.

Three undergraduate degree programs are offered within Computer Science and Engineering. These programs are Computer Engineering, Computer Science and Information Systems, which lead to the Bachelor of Science in Computer Engineering, in Computer Science and in Information Systems respectively.

The Computer Engineering program emphasizes the application of engineering principles to the design of computer hardware and software. While all department programs provide coverage of both computer hardware and software, this program allocates additional time to issues of computer architecture and hardware design. Students in this program also acquire a broad background in engineering science through the study of the engineering core.

The Computer Science program focuses on the theory of computation and computer organization. Additional course work 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, the physical sciences, and to develop communication skills and to become familiar with the domains of potential computer applications in 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 VLSI 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 policy concerning grades is:
   a. minimum grade in specialization courses is a C-, except as stated in department admission requirements.
   b. minimum grade in math, science, and engineering courses which are required for the degree is a C-, except as stated in department admission requirements.

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.
Computer Science Admissions Requirements

All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and calculus-based General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I
MAC 2281 Engineering Calculus I 4
ENC 1101 Composition I 3
EGN 3000 Foundations of Engineering 1
Science Elective 3
Social Science Elective 3
Total 14

Semester II
MAC 2282 Engineering Calculus II 4
PHY 2048 General Physics I 3
PHY 2048L General Physics I Lab 1
ENG 1102 Composition II 3
COP 2510 Programming Concepts 3
Total 14

Semester III
MAC 2283 Engineering Calculus III 4
PHY 2049 General Physics II 3
PHY 2049L General Physics II Lab 1
COP 3514 Program Design 3
Science Elective 3
Total 14

Semester IV
CDA 3103 Computer Organization 3
COT 3100 Intro Discrete Structures 3
CIS 4930 Special Topics in Computer Science* 3
Historical Perspectives Elective 3
Total 12

Summer Semester
EEL 4851 Data Structures 3
CDA 3201 Computer Logic Design 3
CDA 3201L Computer Logic Design Lab 1
EGN 4450 Linear Systems 2
Total 9

Semester V
CDA 4205 Computer Architecture 3
COP 4600 Operating Systems 3
COT 4400 Analysis of Algorithms 3
STA 4442 Introduction to Probability 3
Social Science Elective 3
Total 15

Semester VI
CSE Theory Elective 3
CSE Software Elective 6
CSE Elective 3
ENC 3246 Communication for Engineers 3
Total 15

Semester VII
Fine Arts Elective 3
ALAMEA Elective 3
Historical Perspective 3
CS&E Elective 6
Total 15

Semester VIII
CIS 4250 Ethical Issues (6A MW/MI) 3
Upper Level Humanities, Social Science or Fine Arts Elective 3
CS&E Elective 6
Total 12

*Please see academic advisor for required special topics courses.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3246 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 ENC3246 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:
- 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.

Computer Engineering Admissions Requirements
All students must complete the equivalent of USF Composition I & II, Engineering Calculus I & II and calculus-based General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

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
- CHM 2045L General Chemistry I Lab 1
- Social Science Elective 3
- Total 15

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
- COP 2510 Programming Concepts 3
- Total 14

Semester III
- MAC 2283 Engineering Calculus III 4
- PHY 2049 General Physics II 3
- PHY 2049L General Physics II Lab 1
- COP 3514 Program Design 3
- Social Science Elective 3
- Total 14

Semester IV
- CDA 3103 Computer Organization 3
- COT 3100 Intro Discrete Structures 3
- CIS 4930 Special Topics in Computer Science I* 3
- Historical Perspectives Elective 3
- MAP 2302 Differential Equations 3
- or EGN 3433 Modeling and Analysis of Engineering Systems 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 2
- 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
- COT 4400 Analysis of Algorithms 3
- Total 15

Semester VI
- CSE Elective 3
- EGN 3615 Engineering Economics with Social and Global Implications 3
- Science Elective 3
- CS&E Hardware Elective 7
- Total 16

Semester VII
- CSE Elective 6
- EGN 3443 Engineering Statistics 3
- ENC 3246 Communication for Engineers (6A L&W) 3
- Fine Arts Elective 3
- Total 15

Semester VIII
- CIS 4910 Senior Project 2
- CIS 4250 Ethical Issues (6A MW/MI) 3
- ALAMEA Elective 3
- Historical Perspective Elective 3
- CS&E Elective 4
- Total 15

*Please see academic advisor for required special topics courses.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3246 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 ENC3246 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 otherwise noted, 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

All students must complete the equivalent of USF Composition I & II, Engineering of Life Science Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

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
- COP 2510 Programming Concepts 3
- Total 14

Semester III

- ACG 2021 Accounting I 3
- CIS 4930 Selected Topics in Computer Science* 3
- PHY 2049/2054 Physics II 3
- PHY 2049L/2054L Physics II Lab 1
- ECO 2013 Macroeconomics 3
- Total 13

- Semester IV
  - CDA 3103 Computer Organization 3
  - COT 3100 Intro Discrete Structures 3
  - COP 3514 Program Design 3
  - Social Science Elective 3
  - Historical Perspective Elective 3
  - Total 15

- Summer Semester
  - ECO 2023 Microeconomics 3
  - EEL 4851 Data Structures 3
  - Fine Arts Elective 3
  - Total 9

- Semester V
  - EGN 3443 Engineering Statistics I 3
  - COP 4600 Operating Systems 3
  - MAN 3025 Principles of Management 3
  - COT 4400 Analysis of Algorithms 3
  - Total 15

- Semester VI
  - CEN 4020 Software Engineering 3
  - CEN 4023 Software System Development 3
  - EGN 3615 Engineering Economics with Social & Global Implications 3
  - Science Elective 3
  - CSE Software Elective 3
  - Total 15

- Semester VII
  - EGN 4450 Introduction to Linear Systems 2
  - ALAMEA Elective 3
  - CSE Software Elective 6
  - CSE Elective 3
  - Total 14

- Semester VIII
  - ENC 3246 Communication for Engineers 3
  - CIS 4250 Ethical Issues (6A MW/MI) 3
  - CSE Electives 6
  - Total 12

*Please see academic advisor for required special topics course.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3246 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 ENC3246 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.)
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 and design, electronics, communications, electromagnetics, control, 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 study.
3. 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.

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.

Electrical Engineering Admissions Requirements
Transfer students must have completed the equivalent of the USF Engineering Calculus and Physics sequences and Chemistry I and Chemistry I lab with a minimum GPA of 2.25 including all attempts; 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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

Semester I
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>ENC 1101</td>
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</tr>
<tr>
<td>MAC 2281</td>
<td>4</td>
</tr>
<tr>
<td>Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>Historical Perspective</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
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</tr>
</tbody>
</table>

Semester II
<table>
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<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ENC 1102</td>
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<td>MAC 2282</td>
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<td>PHY 2048</td>
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Semester III
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<tr>
<td>MAC 2281</td>
<td>MAC 2311* (4)</td>
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<td>MAC 2282</td>
<td>MAC 2312* (4)</td>
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<td>MAC 2283</td>
<td>MAC 2313* (4)</td>
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<td>MAP 2302</td>
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<td>*or MAC 2281, MAC 2282, MAC 2283</td>
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<td>CHM 2045</td>
<td>CHM 1045* (3)</td>
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Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.
Semester IV  
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<td>EGN 3433</td>
<td>Modeling &amp; Analysis of Engineering Systems</td>
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<td>or</td>
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<td>Differential Equations</td>
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<td>EGN 3420</td>
<td>Engineering Analysis</td>
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<td>EGN 3373</td>
<td>Electrical Systems I</td>
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<td>EEL 2161</td>
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<td>EEL 3394</td>
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**Summer Term**  
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<td>EGN 3374</td>
<td>Electrical Systems II</td>
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<td>ENC 3246</td>
<td>Communications for Engineers (6A L&amp;W)</td>
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Semester V  
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<td>Network Analysis</td>
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<td>EEL 4705</td>
<td>Logic Design</td>
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<td>Logic Lab</td>
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<td>EEL 3301L</td>
<td>Lab I (Circuits)</td>
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<td>EEL 4471</td>
<td>Electromagnetics</td>
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<td>EEL 4351C</td>
<td>Semiconductor Devices</td>
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Semester VI  
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<td>EEL 4102</td>
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<td>EEL 3375</td>
<td>Indus. Mach. &amp; Power Applications</td>
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<tr>
<td>EEL 4744</td>
<td>Microprocessors</td>
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<td>EEL 4743L</td>
<td>Microprocessor Lab</td>
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<td>EEL 3302</td>
<td>Electronics I</td>
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<td>ELRF 4316L</td>
<td>Wireless Circuits &amp; Systems Lab</td>
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Semester VII  
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<tr>
<td>EEL 4906</td>
<td>Prof. Issues &amp; Eng. Design (MW/MI)</td>
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<td>EEL 3302L</td>
<td>EE Lab II (Electronics)</td>
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<tr>
<td>EEL 4657</td>
<td>Linear Control Systems</td>
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<td>EEL 4657L</td>
<td>Linear Controls Laboratory</td>
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<td>EEL 4301</td>
<td>Electronics II</td>
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<td>EEL 4512C</td>
<td>Communication Systems</td>
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Semester VIII  
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<td>EEL 4914</td>
<td>EE Design Project</td>
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<td>Social Science Elective</td>
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<tr>
<td>Tech Elective*</td>
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<td>3</td>
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<tr>
<td>Tech Elective*</td>
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<td>ALAMEA Elective</td>
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*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 3246 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 3246 and EEL 4906.

Departmental Policy: For EE majors a minimum grade of B is required for both EGN 3373 and EGN 3374.

### 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 Industrial Engineering (M.S.E.I.)
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 and 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.

**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 (SSUS) 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)

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

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

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<td>EGN 3000 Foundations of Engineering 1</td>
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<td>ENC 1101 Composition I 3</td>
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<td>MAC 2281 Engineering Calculus I 4</td>
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<td>II</td>
<td>CHM 2046 Chemistry II 3</td>
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<td>Historical Perspectives Elective 3</td>
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<td>ENC 1102 Composition II 3</td>
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<td>MAC 2282 Engineering Calculus II 4</td>
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<td>III</td>
<td>EGN 3443 Engineering Statistics 3</td>
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<td>IV</td>
<td>EGN 3311 Statics 3</td>
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<td>COP 2510 Programming Concepts 3</td>
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<td>EGN 4450 Linear Systems 2</td>
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<td>or MAP 2302 Differential Equations 3</td>
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<td>V</td>
<td>EGS 1113 Engineering Graphics 3</td>
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<td>EGN 3615 Engineering Economy with Social and Global Implications (SS)</td>
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<td>VI</td>
<td>EGN 3343 Thermodynamics 3</td>
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<td>EIN 4333 Production Control 3</td>
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<td>ESI 4221 Industrial Statistics/Quality Control 3</td>
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<td>ESI 4313 Probabilistic OR 3</td>
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<td>VII</td>
<td>EIN 4364C Facilities Design 3</td>
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<td>EIN 4352 Engineering Cost Analysis 3</td>
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<td>ESI 4523 Industrial Systems Simulation 3</td>
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<td>EIN 4313C Human Factors (6A)</td>
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<td>EIN 4365 Capstone Design (MW/MI)</td>
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<td>EIN 4601 Automation/Robotics 3</td>
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<td>ENC 3246 Communication for Engineers (6A L&amp;W)</td>
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</table>
| Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3246 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 3246 and EIN 4365.

**MECHANICAL ENGINEERING**

*Undergraduate Degree Offered:*
Bachelor of Science in Mechanical Engineering (B.S.M.E.)

*Graduate Degrees Offered:*
Master of Mechanical Engineering (M.M.E.)
Master of Science in Mechanical Engineering (M.S.M.E.)
Master of Engineering (M.Eng.)
Master of Science in Engineering (M.S.E.)
Doctor of Philosophy in Mechanical Engineering (Ph.D.)
Doctor of Philosophy in Engineering Science (Ph.D.)

Coursework includes basic science and mathematics, thermal and fluid sciences, material science, solid mechanics, dynamics, machine design, vibrations, instrumentation and control.

Graduates of this program are employed in research, design, production, marketing, service, installation (contracting), maintenance and operation in such industries as mining, petroleum, paper, food, power, manufacturing, air-conditioning, defense systems, aerospace, data processing, communications, and automotive.

Laboratories are available for basic instrumentation, thermal and fluid sciences, solid mechanics, data acquisition and control, CAD/CAE, vibrations, and aerodynamics.

Students pursuing the Bachelor of Science in Mechanical Engineering program take coursework in thermodynamics and heat transfer, instrumentation and measurements, solid and fluid mechanics, dynamics, machine analysis and design, mechanical design, manufacturing processes, vibrations and controls. This is supplemented by elective coursework in such areas as power plant analysis, refrigeration and air conditioning, mechanical design, advanced mechanics, robotics, propulsion, computer-aided design, manufacturing, bio-engineering, alternative energy, thermal design, composite materials, and aerodynamics.

Graduates of this program are employed in design, manufacturing, contracting, operations, marketing, and management in virtually all segments of industry and government, including, but not limited to: aeronautics, aerospace & propulsion; automotive, internal combustion engines, fuel cells & transportation; propulsion systems; electronic utilities & power generation; heating, ventilation & air conditioning; structures & machinery design; mining & oil exploration; paper, textile, food, & petrochemical industries/processing/manufacturing; micro & nano materials and semiconductors; and biomaterials & bioengineering. There are abundant career opportunities in a wide range of industries because mechanical equipment is required in every aspect of modern industry.

Mission Statement
The Mission of the Mechanical Engineering Department is:

1. to provide an exemplary undergraduate and graduate education for students entering the mechanical engineering profession or seeking careers in related fields;
2. to advance scientific knowledge through basic and applied research;
3. to disseminate technical information through scholarly publication and presentation, and continuing education;
4. to advance the profession through service within the associated societies;
5. to promote activities which embrace global development.

Objectives
The objectives of the Undergraduate Program in Mechanical Engineering are:

A. to teach students to understand and to apply concepts of science, mathematics, computation, and engineering essential to professional practice;
B. to train students in the design of experiments and testing of systems, in 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, analysis, synthesis, fabrication, testing and evaluation;
D. to develop skills necessary for professional interaction including multi-disciplinary collaboration and effective oral and written communication;
E. to promote an understanding of technology within a global, societal economic context, the need for continued professional development, and the importance of professional and ethical responsibility.

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 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.

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:

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.

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

| Semester I | ENC 1101 Composition I | 3 |
| MAC 2281 Engineering Calculus I | 4 |
| CHM 2045 General Chemistry I | 3 |
| CHM 2045L General Chemistry I Lab | 1 |
| EGS 1113 Intro. to Design Graphics | 3 |
| EGN 3000 Foundations of Engineering | 1 |
| Total | 15 |

| Semester II | ENC 1102 Composition II | 3 |
| MAC 2282 Engineering Calculus II | 4 |
| PHY 2048 General Physics I | 3 |
| PHY 2048L General Physics I Lab | 1 |
| Fine Arts Elective | 3 |
| Total | 14 |

| Semester III | MAC 2283 Engineering Calculus III | 4 |
| PHY 2049 General Physics II | 3 |
| PHY 2049L General Physics II Lab | 1 |
| EGN 3311 Statics | 3 |
| EGN 3615 Engineering Economics with Social and Global Implications | 3 |
| Total | 14 |

| Semester IV | EGN 3321 Dynamics | 3 |
| EGN 3365 Materials Engineering I | 3 |
| EGN 3373 Electrical Systems I | 3 |
| EML 3035 Programming Concepts for Mechanical Engineers | 1 |
| MAP 2302 Differential Equations | 3 |
| Social Science Elective | 3 |
| Total | 16 |

| Summer Term | EGN 3343 Thermodynamics I | 3 |
| EGN 3443 Engineering Statistics I | 3 |
| EML 3500 Mechanics of Solids | 3 |
| Historical Perspectives Elective | 3 |
| Total | 12 |

| Semester V | EML 3041 Computational Methods | 3 |
| EML 3701 Fluid Systems | 3 |
| EML 3262 Kinematics and Dynamics of Machinery | 3 |
| ENC 3246 Communication for Engineers (6A L&W) | 3 |
| EGN 4325 Mechanical Manufacturing Processes | 3 |
| Total | 15 |

| Semester VI | EML 4501 Machine Design | 3 |
| EML 3303 Mechanical Engineering Lab I | 3 |

**BACHELOR OF SCIENCE IN ENGINEERING (B.S.E)**

The College of Engineering also offers the Bachelor of Science in Engineering degree. This program is tailored to meet the needs of students with academic and career goals that are not best met by following a prescribed disciplinary program. The program is often cross-disciplinary in nature and a specific curriculum is not predetermined. Therefore, this degree cannot be accredited by the Accreditation Board for Engineering and Technology and it is not often recommended. Nevertheless, it can be a valuable program in some cases. The curriculum plan for each student pursuing this option is developed in consultation with faculty advisors and must be approved by the Associate Dean for Academic Affairs or his designee.

Premedical students may elect this option. It accommodates up to 24 hours of special pre-med coursework (Biology, Organic Chemistry, etc.) to meet the requirements for applying to medical schools. Pre-law students find this option permits a strong technical background and rigorous undergraduate preparation including a focus on ethics and professionalism in the engineering profession.

**Objectives**

The Objectives of the Undergraduate Program in General Engineering are to prepare students to:

1. Think critically and employ the concepts of math, science, engineering and modern data acquisition.
2. Effectively utilize the skills essential to the design process, including problem formulation, conceptualization, testing and analysis.
3. Interact proficiently in a multidisciplinary professional environment through well-developed oral and written communication skills.
4. Enter into professional practice with an awareness of ethical responsibility, the need for continuing education, and global and societal considerations.

Students completing the Bachelor of Science in Engineering complete courses in mathematics, science and general engineering, and courses in an area of engineering specialization. Students completing this program often pursue graduate or
professional degrees in management, medicine, or law. The
critical thinking skills and technological expertise an engineer-
ing education provides result in career opportunities within a
wide range of settings within the engineering field and other
professional, industrial, governmental, military, administrative
and business settings.

Graduation Requirements
In addition to the University’s graduation requirements and
completion of the required courses and approved specialization
courses, graduation requirements for the Bachelor of Engineer-
ing degree program include:
1. Mandatory academic advising of students each term
2. Exit interviews as a graduation requirement
3. No grade lower than a C (not a C-) in degree applicable math,
   science or engineering courses.

Note: Please refer to the University of South Florida requirements for graduation for GPA
requirements.

Four-Year Curriculum - General
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 require-
ments.

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.

Some courses required for the major may also meet General
Education Requirements thereby transferring maximum hours
to the university.

Some courses required for the major may also meet General
Education Requirements thereby transferring maximum hours
to the university.

Communications:
ENC 1101/1102 Composition 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

Please be aware of the immunization, foreign language,
continuous enrollment policies of the university, and qualitative
standards required.

Admissions Requirements
Students entering the General Engineering degree 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
2.0 GPA; and must have a USF and an overall GPA of 2.0 or
better.

Semester I
ENC 1101 Composition I 3
MAC 2281 Engineering Calculus I 4
CHM 2045 General Chemistry I 3
CHM 2045L General Chemistry I Laboratory 1
EGN 3000 Foundations of Engineering 1
Total 12

Semester II
ENC 1102 Composition II 3
MAC 2282 Engineering Calculus II 4
CHM 2046 General Chemistry II 3
PHY 2048 General Physics I 3
PHY 2048L General Physics I Laboratory 1
XXX XXXX Social Science Elective 3
Total 17

Semester III
MAC 2283 Engineering Calculus III 4
EGN 3311 Statics 3
PHY 2049 General Physics II 3
PHY 2049L General Physics II Laboratory 1
Social Science Elective 3
XXX XXXX ALAMIA Elective 3
Total 17

Semester IV
EGN 3433 Modeling & Analysis of Engineering
Systems or
MAP 2302 Differential Equations 3
EGN 3373 Introduction to Electrical Systems I 3
EGN 3443 Engineerign Statistics I 3
EGN 3343 Thermodynamics I 3
Historical Perspectives Elective
Total 15

Summer
XXX XXXX College Upper-Level Elective 3
Fine Arts Elective 3
Historical Perspectives Elective 3
Total 9

Semester V
ENC 3246 Communication for Engineers 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
Total 15

Semester VI
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
Total 15

Semester VII
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
Total 14
Semester VIII
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX College Upper-Level Elective 3
XXX XXXX Exit - College MW/MI Elective 3
Total 12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3211 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.

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 improve the lives of people with mental, addictive and developmental disorders through research, training, and education.

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 students, behavioral health and health care professionals, the Florida legislature, administrators, policy makers, consumers, and the public.

The Institute offers an undergraduate minor in behavioral healthcare (see listing below) and provides research experiences for undergraduates. In addition to the credits earned in the minor, students may earn academic credit for research conducted with faculty mentors at the Institute.

**Minor in Behavioral Healthcare**

Behavioral health problems, such as mental illness and substance abuse, are among the greatest public health challenges facing our communities. New, scientifically based approaches are available to treat and prevent many behavioral health problems. Students will be exposed to 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 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 disciplines such as psychology, social work, sociology, anthropology, gerontology, pre-med, criminology, and nursing.

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 is available to guide students on course selection and to coordinate the minor with related majors.

The 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 4408 Exemplary Practices in Behavioral Healthcare Treatment 3
- MHS 4425 Field Experience in Behavioral Healthcare* 3

**Electives (minimum of 3 credit hours required):**
- MHS 4931 Selected Topics in Behavioral Healthcare** 1-4
- MHS 4906 Directed Study 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 4425 requires prior College approval.

**Topics covered include among others: Case Management in Community Mental Health (3), Behavioral Health Issues in Children (3), Behavioral Health Issues in Elders (3).
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 is located on the campus of USF St. Petersburg which allows immediate access to Tampa Bay and the Gulf of Mexico. Bayboro Harbor is home port to the R/V Bellow (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 Fish and Wildlife Research (FWRI), the research arm of the Florida Fish and Wildlife Conservation Commission. A newly occupied research building is shared by CMS and FWRI 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, FWRI, and the College of Marine Science are all located on the campus of USF St. Petersburg. 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 though its education, research and service endeavors. To fulfill its commitment to nursing education, the college offers an upper division program of study that leads to a Bachelor of Science degree with a major in nursing.

**Mission**

The mission of the College of Nursing is to advance the science and practice of the profession by creating environments conducive to learning, scholarly inquiry, and the development of innovative community partnerships. The College of Nursing is dedicated to achieving national recognition for its contributions to improving health care outcomes.

**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 Baccalaureate Program 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.

Continuing Education Programs support lifelong learning needs of graduates of educational programs in nursing through offerings that enhance and expand their existing knowledge and skill base.

**Undergraduate Nursing Program**

**General Information**

The college offers a 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 four sequences:

1. **The FTIC (first time in college) Program** is for freshmen who have a high school GPA of 3.6 and composite SAT of 1200 or ACT of 28. Students who meet these requirements are admitted to the nursing major and are guaranteed a place in the nursing sequence if they complete all their prerequisite courses with a grade of B or high and maintain an overall 3.5 GPA.

2. **Upper Division Admission** is for students who have completed all the prerequisite courses and have a minimum 3.0 GPA. Admission is competitive and students with higher GPAs are given preference.

3. **The Accelerated Program** is for freshmen who have a baccalaureate degree in another field. Students with an earned bachelor’s degree and who have completed all the pre-requisite courses may enter the accelerated program and complete 50 credits in nursing, earning a second bachelor’s degree. Admission is competitive.

4. **The RN Completion Program** is for qualified registered nurses who are graduates of 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 upper division 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.

**Upper Division 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.

The program has four sequences:

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4. **The RN Completion Program** is for qualified registered nurses who are graduates of associate degree or diploma programs in nursing.

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. Complete all prerequisite courses with a grade of “C-“ or better.
3. Submit a College of Nursing application by the appropriate deadline.
4. Complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule).
5. Provide evidence of health insurance prior to enrollment.
6. Complete, prior to enrollment, the College of Nursing health form.
7. 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 university and community-based services and career-related opportunities. However, the student must remember that he or she is ultimately responsible for meeting all graduation requirements.

- 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 1032, (813) 974-2191.

Advising Offices: 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 Requirements: Applications for the Nursing programs are available from USF College of Nursing, Office of Student Affairs, MDC Box 22, 12901 Bruce B. Downs Blvd., Tampa, Florida 33612-4766 and at the College of Nursing web site: 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 except those students in the FTIC program. All prerequisite courses must be completed with a grade of “C” or higher.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC X085C Human Anatomy &amp; Physiology I or any Human Anatomy &amp; Physiology I course</td>
<td>3-4 semester hours</td>
</tr>
<tr>
<td>BSC X086C Human Anatomy &amp; Physiology II or any Human Anatomy &amp; Physiology II course</td>
<td>3-4 semester hours</td>
</tr>
<tr>
<td>CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher)</td>
<td>4-6 semester hours</td>
</tr>
<tr>
<td>DEP X004 Human Growth &amp; Development or any Human Growth &amp; Development course</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>HUN X201 Human Nutrition or any Human Nutrition course</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>NUR 1192 MCB X010C Microbiology or Any Microbiology course</td>
<td>4 semester hours</td>
</tr>
<tr>
<td>PSY X012 Introduction to Psychology or any General Psychology course</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>STA X014 Statistics or any Statistics course</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>SYG X000 Introduction to Sociology or any Introduction to Sociology course</td>
<td>3 semester hours</td>
</tr>
</tbody>
</table>

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:

- Math - Gordon Rule course: English 6
- English 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
- Asian Perspectives 6
- African, Latin American, Middle Eastern, Asian Perspectives 3
- Students in Florida community college A.A. degree (other than in nursing) will be considered to have met all of the USF Liberal Arts requirements but also must meet specific college requirements (below).
- 3. Students must meet the University requirement for foreign language.
- 4. Students must meet the University requirement for foreign language.

Prerequisite Coursework for Nursing Students
The student must earn a grade of “C” or better in each state mandated common prerequisite course. 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 2122 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.

- a) 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.
- b) Microbiology - one course. MCB 2030C. The Regents examination in microbiology is acceptable for registered nurse students only.
c) Anatomy and Physiology - 6 semester hours. The Regents examination in anatomy and physiology is acceptable for registered nurse students only.
d) 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.

NURSING PROGRAM

• FTIC - COURSE OF STUDY

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<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Semester I</td>
<td>Freshman English I</td>
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</tr>
<tr>
<td></td>
<td>College Algebra/Finite Math</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Psychology*</td>
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</tr>
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<td></td>
<td>Historical Perspective</td>
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</tr>
<tr>
<td></td>
<td>Chemistry*</td>
<td>4</td>
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<td></td>
<td>Total</td>
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<tr>
<td>Semester II</td>
<td>Freshman English II</td>
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<td></td>
<td>Social Science Statistics*</td>
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<tr>
<td>Summer</td>
<td>Optional</td>
<td></td>
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<tr>
<td>Semester III</td>
<td>Life Cycle*</td>
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<tr>
<td></td>
<td>Nutrition*</td>
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<td></td>
<td>Anatomy &amp; Physiology II*</td>
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<td></td>
<td>Non-Western Perspectives</td>
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<td></td>
<td>Fine Art</td>
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<td>Semester IV</td>
<td>NUR 3125 Pathophysiology</td>
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<td></td>
<td>NUR 3826 Ethical/Legal Aspects of Nursing</td>
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<td>Historical Perspective</td>
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<td>Summer</td>
<td>Optional</td>
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<td>Semester V</td>
<td>NUR 3026 Fundamentals of Nursing Practice</td>
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<td>NUR 3066 Physical Exam</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>NUR 3026L Fundamentals Clinical</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>NUR 3145 Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>13</td>
</tr>
<tr>
<td>Semester VI</td>
<td>NUR 3215 Medical Surgical Nursing I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>NUR 3215L Medical Surgical Nursing I Clinical</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>NUR 3525 Psychiatric Mental Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>NUR 3525L Psychiatric Mental Health Nursing Clinical</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>NUR 4165 Nursing Inquiry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>16</td>
</tr>
<tr>
<td>Summer</td>
<td>Optional</td>
<td></td>
</tr>
</tbody>
</table>

• UPPER DIVISION ADMISSION - COURSE OF STUDY

(At Completion of ALL Pre-requisite Courses)

| Semester I | NUR 3125 Pathophysiology                                           | 4       |
|            | NUR 3826 Ethical/Legal Aspects of Nursing                           | 3       |
|            | Total                                                                | 7       |
| Semester II | NUR 3026 Fund. of Nursing Practice                               | 4       |
|            | NUR 3066 Physical Exam                                              | 2       |
|            | NUR 3026L Fundamentals Clinical                                     | 4       |
|            | NUR 3145 Pharmacology                                               | 3       |
|            | Total                                                                | 13      |
| Semester III | NUR 3215 Medical Surgical Nursing I                             | 3       |
|             | NUR 3215L Medical Surgical Nursing I Clinical                       | 4       |
|             | NUR 3525 Psychiatric Mental Health Nursing                          | 3       |
|             | NUR 3525L Psychiatric Mental Health Nursing Clinical                | 3       |
|             | Total                                                                | 13      |
| Semester IV | NUR 4216 Medical Surgical Nursing II                               | 4       |
|            | NUR 4216L Medical Surgical Nursing II Clinical                      | 5       |
|            | NUR 4165 Nursing Inquiry                                            | 3       |
|            | Total                                                                | 13      |
| Semester V | NUR 4355 Child & Adolescent Health Nursing                         | 3       |
|            | NUR 4455 Women's Health Nursing                                     | 2       |
|            | NUR 4636 Community/Public Health Nursing                            | 3       |
|            | NUR 4635L Integrated Clinical                                       | 7       |
|            | Total                                                                | 15      |

*State Mandated Prerequisites

Total Hours (60+65) 125
Summer
NUR 4838 Leadership/Management 3  
NUR 4948L Preceptorship 6  
Total 9

Total Hours (60+65) 125

Accelerated Program Course of Study
(After Completion of ALL Pre-requisite Courses)
NUR 3125 Pathophysiology for Nursing Practice 4
or
NGR 6140 Pathophysiology for Advanced Practice 3
NUR 3145 Pharmacology 3
NUR 3826 Ethical Legal Aspects in Nursing & Health Care 3
or
NGR 6135 Ethical, Legal & Policy Issues in Advanced Nursing Practice 3
NUR 4165 Nursing Inquiry 3
or
NGR 6800 Nursing Research 3
Total 12-13

NUR 3026 Fundamentals of Nursing Practice 4
NUR 3066 Physical Examination and Assessment 2
NUR 3026L Nursing Fundamentals Clinical 4
or
NGR 6931 Selected Topics* 1-4
Total 11-14

NUR 3215 Medical Surgical Nursing I 3
NUR 3525 Psychiatric Mental Health Nursing 3
NUR 4216 Medical Surgical Nursing II 4
Total 10

NUR 3215L Medical Surgical Nursing I Clinical 3
NUR 4216L Medical Surgical Nursing II Clinical 5
NUR 3525L Psychiatric Mental Health Nursing Clinical 3
or
NGR 6931 Selected Topics* 1-4
Total 12-15

NUR 4355 Child & Adolescent Health Nursing 3
NUR 4455 Women’s Health Nursing 3
NUR 4636 Community/Public Health Nursing 3
NUR 4838 Leadership Management 3
Total 11

NUR 4635L Preceptorship Clinical 7
or
NGR 6931 Selected Topics* 1-4
Total 14-17

*Please see academic advisor for required special topics courses.

NUR 3806 Ethical Legal Aspects in Nursing and Health Care 3  
NUR 4165 Nursing Inquiry 3  
NUR Nursing Elective 3  
Total 31

In addition to requirements listed, the RN student must also meet all university graduate 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. Examine the impact of health care policy on the health care delivery system within a variety of settings.
5. Practice within the ethical/legal parameters of professional nursing.
6. Demonstrate accountable behavior in the professional nursing role.

CLEP Examinations
In accordance with University policies, the 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 may be used to fulfill course requirements as designated below:

Successful completion of the following examination(s) can be used to fulfill course requirements as designated below:

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 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).

Second Degree Requirements

Students who have an earned baccalaureate degree in another field from an accredited institution will be certified for the Bachelor of Science degree with a major in nursing upon completion of the required second baccalaureate degree courses.

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 is to promote public health through research, education and services. The USF College of Public Health is one of only 37 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. This program provides the foundation for medical practice related 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 for the Master's degree.

A fast track for Honor BMS, ISS and INS students is available. Students in this track may select programs within one of the College's five departments: Community and Family Health, or Epidemiology and Biostatistics, or Environmental and Occupational Health, or Health Policy and Management, or Global Health. A college-wide area of study includes 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 that focus on health, behavioral, legal, medical and economic factors. 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.

The undergraduate program in the College has cultivated a vibrant program with over 2000 students enrolled in our courses each semester. Based on the enrollment figures and students expressing their interest in declaring a minor in public health, a General Public Health Minor (GPHM) was developed and approved by the USF Undergraduate Council. Each department in the College, Community & Family Health, Environmental & Occupational Health, Epidemiology & Biostatistics, Health Policy & Management, and Global Health fully support this initiative and currently offer, or are in the process of developing, undergraduate courses that will apply to the GPHM.

The purpose of the undergraduate curriculum offered in the College is to engage students in student centered learning so they are able to articulate the role of public health in disease prevention and health promotion locally, statewide, nationally, and globally. In addition, students will study the core concepts in public health, core competencies for all public health workers, core public health competencies related to essential public health practice and public health issues. Moreover, students will be able to analyze public health issues related to a particular concentration and become knowledgeable about dynamic career paths in public health and develop an understanding of public health that serves as a foundation for the pursuit of graduate public health degrees.

Undergraduate students seeking careers in public health are invited to refer to the College website http://publichealth.usf.edu, or contact the College advisor: advisor@hsc.usf.edu to request the College of Public Health Career Guide. Students may review the broad range of public health professions and also plan an undergraduate program that will meet the college's admission requirements for graduate work. Introduction to Public Health and Survey of Disease (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health.

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 4554 “Survey of Human Disease” (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health.

- HSC 2133 Sex, Health, and Decision Making, is offered each semester. This course provides the student with an overview of the issues involving sexual behaviors, decision-making processes, and health outcomes.
- PHC 4542 Stress, Health and College Life 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:
- Behavioral Health System Delivery
- Consumerism and Health
- Human Structure and Function
- Introduction to Environmental Health
- Introduction to Food Safety
- Introduction to Maternal and Child Health
- Introduction to Tropical Public Health Immunology
- Issues in Severe Mental Illness
- Laboratory Methods Analysis
- Law and Protecting the Public Health
- Medical Terminology
- Men's Health and Gender in Society
- Prevention of Mental Illness
- Severe Mental Illness, Stigma, and Community Integration

Master’s degrees include the Master of Public Health (MPH), which is a professional, non-thesis degree; the Master of Health Administration (MHA); the Master of Science of Public Health (MSPH), a research thesis degree; as well as the doctoral (PhD) degree.

Undergraduate Accelerated Entry Program for Master's Degree in Public Health Education

The Department of Community and Family Health, in the College of Public 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. Applicants must have attained a grade point average of at least 3.0 on a four-point scale, or received a combined score of 1000 (combined verbal/quantitative) on the GRE. This special MPH program permits students to earn an MPH without first completing the baccalaureate. Applicants must have completed 90 undergraduate semester hours in a program related to the field of public health such as social sciences, natural sciences, behavioral sciences, pre-medicine, pre-dental, nursing, or education. Interested students are encouraged to consult the Department of Community and Family Health advisor upon completing 60 undergraduate semester hours. Interested students are encouraged to inquire: Dr. Robert McDermott, (813) 974-6700; email: rmdermo@hsc.usf.edu; or Magdalene Argiry, (813) 974-6505; email: advisor@hsc.usf.edu.
General Public Health Minor

The goal of the General Public Health Minor is to develop in a broad range of students an understanding and appreciation of the field of Public Health. The overall objectives for students are as follows:

Upon completion of the General Public Health Minor coursework student will be able to:

1. Articulate the role of public health in disease prevention and health promotion locally, statewide, nationally, and globally.
2. Describe core public health concepts and issues.
3. Discuss and analyze public health issues related to a particular concentration area.
4. Describe career path ways in public health.
5. Develop an understanding of public health that serves as a foundation for the pursuit of graduate public health degrees.

The General Public Health Minor consists of 18 credit hours. It is recommended that students follow the sequence of enrolling in courses as documented below. This sequence is designed to initially give students a broad overview of the concepts of public health. Elective courses are then selected in consultation with the undergraduate academic advisor from a wide range of courses offered by respective departments. Students will be encouraged to select elective courses that provide a cohesive learning experience based on their individual interests and goals.

Required Courses (9 semester hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA 4120 Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4554 Survey of Human Disease</td>
<td>3</td>
</tr>
<tr>
<td>HSC 2100 Contemporary Health Science</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>HSC 4933 Special Topics in Public Health*</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 9

The remaining 9 credit hours can be taken from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 2133 Sex, Health and Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4542 Stress Health and College Life</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4933 Special Topics in Public Health**</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 9

*Please see academic advisor for required special topics courses.

**Please see academic advisor for selected special topics courses.

Selected special topics courses can include subjects:

- Behavioral Health System Delivery
- Consumerism and Health
- Health Care Marketplace
- Human Structure and Function
- Introduction to Environmental Health
- Introduction to Maternal and Child Health
- Introduction to Tropical Public Health
- Immunology
- Issues in Severe Mental Illness
- Laboratory Methods Analysis
- Law and Protecting the Public Health
- Medical Terminology
- Men's Health and Gender in Society
- Prevention of Mental Illness

Other special topics subjects may be offered depending upon student demand and instructor availability.

NOTE: Courses taken for a major cannot be used again to satisfy requirements of a minor.

For more information, contact:
Dr. Kay Perrin, Director of Academic Affairs, (813) 974-6704; kperrin@hsc.usf.edu
Dr. Suzanne Perry-Casler, Director of Undergraduate Education, (813) 974-9598; sperryca@hsc.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 are required. For further information: http://publichealth.usf.edu/fasttrack.html

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, Clinical Epidemiology, and Interdisciplinary Women's Health Public Health Policies and Programs.

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 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 Honors 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 1150. Call toll free 1-888-USF-COPH or locally (813) 974-6505 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) 974-6505 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 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.

The Career Center

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

The Career Center provides USF students with comprehensive 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 plan their 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.

The Career Center’s numerous services are clustered into the areas of career planning, career-related work experience, job search preparation, and making contact with employers.

Career Planning

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

Career Assessment Surveys are available to help students identify their interests, skills and work values.

Career Decision-making Workshops teach students about the career development process and how 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 to talk to Admissions representatives from graduate and professional schools.

Career Development Course SLS 2401 takes you through each step of the career planning process.

Career-related Work Experience

Part-time Jobs, both on and off campus, including Federal Work Study (FWS) jobs are posted on the Career Center web site.

Cooperative Education (“Co-op”) a structured, academic program of paid, practical work experience related to a student’s major is administered by the Career Center. Eligibility and program details are located on the Career Center web site.

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

Job Search Preparation

Individual Job Search Coaching 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 through Thursday from 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 several which demonstrate how to participate in the on-campus interview program.

Job Search Reference Library contains resources on resume writing, interviewing and job search strategies, 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 an on-line job search, scheduling on-campus interviews and researching employers.

Making Contact 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. 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. Resumes can be electronically referred by the Career Center or by students whose qualifications match 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 with internet access. The VVI, linked to the student’s uploaded resume, is the latest technology for screening interviews, and can also be used for interview practice by students.

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 web site daily and include part-time jobs, internships, Cooperative Education and full-time professional positions.

Credential Service The Career Center partners with Interfolio, Inc., an on-line service available to students applying to graduate or professional schools, or applying for jobs requiring a credential file, dossier or portfolio.

Center for Academic Advising

Location/Phone: SVC 2011, (813) 974-2645
Web address: http://www.ugs.usf.edu/advising/advising_v/index.html

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. The staff prepares students for entrance into Nursing and Architecture, and evaluates and certifies all students seeking Associate of Arts certificates.

Students who are undecided about a major will be assigned...
The Center for Academic Advising encourages its students to utilize any of the following services:

- Advisement regarding academic policies, programs, and requirements
- Major selection process
- Workshops and specialized advising for students at-risk
- Preparation for limited access majors
- Evaluation of credits for an Associate of Arts Degree

**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 of South Florida. Its mission is to provide programs and activities that enhance students’ opportunities, particularly underrepresented minorities, and help them attain their education and career objectives. Utilizing established partnerships with other programs, departments and colleges, PROJECT THRUST helps the University 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 significantly to the university’s commitment to create a culturally diverse academic community and an environment of intellectual excellence.

Services provided by PROJECT THRUST include:

- The Academic Success Center which provides a variety of tutoring services to enrolled students. Highly qualified tutors offer assistance in understanding educational course work and developing of successful study skills strategies.
- The USF Mentoring Program which matches first-year college students with a USF faculty or staff member who serves as a personal contact, friend and role model. Mentors can be your personal key to success at USF!
- The PROJECT THRUST Corporate Mentor Program which provides underrepresented students majoring in business with help transitioning from student life to a productive beginning of their professional lives. The program pairs business majors with professionals at the mid-to-upper management level. Mentors help students develop the skills necessary for success in the corporate world.
- The Freshman Summer Institute (FSI) which provides access to a university education for students from educationally or economically disadvantaged backgrounds. Qualified individuals are identified through a review of admission applications, academic records, and family income as determined by the Free Application for Federal Student Aid (FAFSA). Each year a limited number of students enter USF through this program.

**The Freshman Summer Institute**

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

The Freshman Summer Institute (FSI) provides access to a university education for students from educationally or economically disadvantaged backgrounds. Qualified individuals are identified through a review of admission applications, academic records, and family income as determined by the Free Application for Federal Student Aid (FAFSA). Each year a limited number of students enter USF through this program.

All students admitted to FSI enroll in a six-week summer session. During this time, students become acquainted with University services and resources, ensuring a smooth transition from high school to college life. Throughout the six weeks, students are required to live in the residence halls where they experience an environment supportive of their academic work. Each student receives a class schedule based on standardized test scores, high school transcript, and intended major. Students typically register for nine credits in general education courses and undertake a rigorous academic schedule for the six-week period. FSI students may be required to take preparatory courses to satisfy state requirements. Students attend weekly workshops on a variety of topics relevant to academic success, acclimation to college life, and their growth and development as first-year students. They must end the summer term in good academic standing in order to continue in the fall semester.

The Freshman Summer Institute tackles the challenges of the 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 are a crucial element of the program. They personally advise, counsel and monitor students’ progress throughout the first year. Personalized attention, combined with a holistic approach for student growth, distinguishes the Freshman Summer Institute as a unique student resource.

**Student Support Services Program**

**Location/phone:** SVC 2042, (813) 974-4301

**Web address:** http://www.sa.usf.edu/sss/

Student Support Services (SSS) is a federally funded retention 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 opportunity 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, 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.

**Tracking the Academic Progress of Students (TAPS)**

The “Tracking the Academic Progress of Students” or TAPS initiative encourages full-time FTIC students (in the first instance) to make a choice of major at the onset of their academic career. Upon admission to the University and formal declaration of their intended major, TAPS will ensure that all first time in college (FTIC) students starting after the 2005/06 academic year are making successful progress towards their degree. Students who have declared a major and are being tracked towards their degree will be:

- Presented with a complete semester-by-semester 4-year academic degree plan;
- Advised within their declared college and/or department; and
- Continually informed of their academic progress towards completing their degree.

In addition to the aforementioned benefits of TAPS, enrollment management and course scheduling are significantly improved at the university because of TAPS. This initiative is exceptionally proactive with academic, professional and career advising playing a pivotal role, providing a student an enhanced ability to attain their academic goals. In order for a student to remain “on-track” towards their degree completion, it is as-
Students design their individualized program of study. Ongoing consultation with an academic advisor will help them achieve this end. BSAS students will plan their program in consultation with an academic advisor prior to registration to discuss career/major choices and appropriate options.

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/bsas.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 very efficiently into four-year Bachelor’s degree programs. 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 academic 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.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community College Block Credit</td>
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<tr>
<td>Community College General Education</td>
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<td>USF General Education</td>
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<td>USF Exit Courses</td>
<td>9</td>
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<tr>
<td>USF Area of Concentration*</td>
<td>18</td>
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<tr>
<td>USF Electives**</td>
<td>15</td>
</tr>
<tr>
<td>Total BSAS Credit Hours</td>
<td>120</td>
</tr>
</tbody>
</table>

*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 complete:

- a minimum of 48 credit hours of upper-level (3000-4999) 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)

Requirements for Areas of Concentration

BSAS - American Sign Language (ASG) Concentration (ACJ) consists of 19 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 3612</td>
<td>Basic American Sign Language</td>
<td>4</td>
</tr>
<tr>
<td>SPA 4613</td>
<td>Intermediate American Sign Language</td>
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</tr>
<tr>
<td>SPA 4614</td>
<td>Advanced American Sign Language</td>
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<tr>
<td>PLUS ONE OF THE FOLLOWING:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPA 4930</td>
<td>American Sign Language IV</td>
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<tr>
<td>SPA 4617</td>
<td>Structure of Sign Language</td>
<td>4</td>
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<td>PLUS ONE OF THE FOLLOWING:</td>
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<td></td>
</tr>
<tr>
<td>SPA 3633</td>
<td>American Deaf Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPA 4632</td>
<td>Nature and Needs of Deaf and Hard of Hearing</td>
<td>3</td>
</tr>
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</table>

BSAS - Behavioral Healthcare Concentration (ABH) consists of 18 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHS 3411</td>
<td>Multidisciplinary Behavioral Healthcare Services</td>
<td>3</td>
</tr>
<tr>
<td>MHS 4002</td>
<td>Behavioral Health Systems Delivery</td>
<td>3</td>
</tr>
<tr>
<td>MHS 4408</td>
<td>Exemplary Practices in Behavioral Healthcare Treatment</td>
<td>3</td>
</tr>
<tr>
<td>MHS 4425</td>
<td>Field Experience in Behavioral Healthcare</td>
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</tr>
<tr>
<td>MHS XXXX</td>
<td>Clinical Case Management in Community Care</td>
<td>3</td>
</tr>
<tr>
<td>AND, ONE OF THE FOLLOWING:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MHS 4931</td>
<td>Selected Topics in Behavioral Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>MHS 4906</td>
<td>Directed Study/Readings</td>
<td>3</td>
</tr>
</tbody>
</table>

BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 3024</td>
<td>Survey of Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 3610</td>
<td>Theories of Criminal Behavior</td>
<td>3</td>
</tr>
<tr>
<td>CJL 3110</td>
<td>Substantive Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJC 4010</td>
<td>American Correctional Systems</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4934</td>
<td>Seminar in Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJE 4144</td>
<td>American Law Enforcement</td>
<td>3</td>
</tr>
</tbody>
</table>
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)
- MAR 3023 Basic Marketing (3)

BSAS - Early Child Development Concentration (AEC) consists of 18 credit hours:
- EDF 4111 Child Growth & Learning (3)
- EDG 4909 Young Children w/ Special Needs (3)
- HSC 3301 Health, Safety, Nutrition & Motor Skills (3)
- EEC 4303 Creative & Affective Experiences (3)
- EEC 4408 Child, Family & Teacher Relations (3)
- PAD 4419 Personnel & Supervision (3)

BSAS - Environmental Policy Concentration (AEP) consists of 19-20 credits:
- EVR 2001 Introduction to Environmental Science (3)
- EVR 2001L Intro, to Environmental Science Lab (3)
- EVR 2861 Introduction to Environmental Policy (3)
PLUS THREE OF THE FOLLOWING:
- PUR 4203 Environmental Politics and Policy (3)
- PHI 3640 Environmental Ethics (3)
- ECP 3302 Environmental Economics (3)
- POS 3697 Environmental Law (3)
PLUS ONE OF THE FOLLOWING:
- ANT 4147 Environmental Archaeology (3)
- BSC 4057 Environmental Issues (3)
- ECP 3613 Economics of the Urban Environment (3)
- EDF 3228 Human Behavior & Environmental Selection (3)
- EVR 4930 Selected Topics in Environmental Policy (1-4)
- GEO 4340 Natural Hazards (4)
- HIS 4936 Seminar in Environmental History (4)
- IDS 3186 Science and Ethics of Disease (3)
- WST 3225 Women, Environment and Gender (3)

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 THREE OF THE FOLLOWING:
- GEY 3323 Community Services of Older Adults (3)
- GEY 4322 Case 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 & Legal Issues in Aging (3)

BSAS - Hospitality Management Concentration (APU) consists of 18 credit hours:
PREREQUISITES - 12 HOURS:
- ACG 2021 Financial Accounting (3)
- ACG 2071 Managerial Accounting (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)

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 5838 Comparative Public Administration (3)

BSAS - Public Health Concentration (APL) consists of 18 credit hours:
- EIN 4242 Work Design and Ergonomics I (3)
- EIN 4242 Work Design and Ergonomics II (3)
- ETI 4116 Industrial Quality Control (3)

BSAS - Information Technology (ATC) 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 5838 Comparative Public Administration (3)

*Please see academic advisor for required special topics courses.
PLUS THREE OF THE FOLLOWING:

- HSC 4542 Stress, Health and College Life (3)
- HSC 4933 Special Topics in Public Health** (3)

**AREAS FROM SELECTED SPECIAL TOPICS COURSES SHOULD BE SELECTED IN CONSULTATION WITH YOUR ACADEMIC ADVISOR.

Selected special topics courses can include the following subjects:
- Behavioral Health System Delivery
- Consumerism and Health
- Health Care Marketplace
- Human Structure and Function
- Introduction to Environmental Health
- Introduction to Food Safety
- Introduction to Maternal and Child Health
- Introduction to Medical Epidemiology
- Introduction to Public Health Research
- Introduction to Tropical Public Health Immunology
- Issues in Severe Mental Illness
- Laboratory Methods Analysis
- Medical Terminology
- Men's Health and Gender in Society
- Prevention of Mental Illness
- Women, Environment and Gender

Bachelor of Science in Hospitality Management

Program Email: hospitality@sar.usf.edu
Location: USF Sarasota-Manatee, CPP 101

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 educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business foundation 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 in the review of the curriculum, school development/programming and prepares students for future career challenges.

Students should have 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

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.

(no grade lower than a C-):
- ACG X021 Principles of Financial Accounting or ACG X001 and ACG X011
- ACG X071 Principles of Managerial Accounting
- ECO X013 Macroeconomics
- ECO X023 Microeconomics

Admission to the School of Hotel and Restaurant Management

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 Hospitality Management. Students should contact the Office of Student Services, USS 805D (941) 359-4330 for assistance. Students who have credits from other institutions may need to provide copies of course descriptions from the catalog for purposes of determining credit towards the Hospitality Management major requirements at USF.

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 the 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 and Restaurant Management.
4. Students must satisfactorily meet the College Level Academic Skills Test (CLAST) along with the writing and computation course requirements of 6A-10.30 (Gordon Rule).
5. Students must complete the Foreign Language Entrance Requirement as mandated by the university catalog.
6. Nine hours of exit courses must be taken at USF as defined by the university catalog.
7. Students must earn at least a 2.0 overall GPA, USF GPA, and in the major to be certified for graduation.
8. 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 of the university.
9. Students must comply with all university academic policies and procedures in order to meet all requirements set forth by the University of South Florida.
Major requirements for the B.S. Degree in Hospitality Management are as follows:

Business Courses (12 Credits) with no grade lower than C–:
- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations
- MAN 3025 Principles of Management
- MAR 3023 Basic Marketing

Hospitality Courses (36 Credits) with no grade lower than C- and 2.0 GPA:
- 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 4323 Facilities Mgmt 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  
- HFT 4945 Advanced Internship (300 hours)  
  (In final academic semester with departmental approval)

Communications Courses (6 Credits)
- COM 3110 Communication for Business and the Professions  
- SPC 2600 Public Speaking  
- ENC 3310 Expository Writing  
- ENC 3250 Professional Writing

Non-Credit Major Requirement
In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hospitality industry before graduation.

*FSS 3231 and HFT 3263 require a lab fee.

Other Hospitality Programs Available
Certificate Programs
The Certificate Programs are designed for industry professionals currently working in hotels and restaurants to enhance their professional knowledge. The student must be currently employed in the hospitality field and satisfactorily complete the five required courses (15 credit hours in residence at USF) in hotel management or restaurant management. The certificate will be issued when a student has earned at least a 2.0 GPA and receive no less than a grade of C- in any of the five classes in their concentrated certificate program. Contact the department for further information.

Bachelor of Science in Applied Science with concentration in Hospitality
Students who have earned an A.S. degree from a Florida public community college should refer to the "Undergraduate Studies, Bachelor of Science in Applied Science" section of this catalog.

Exchange Programs
Students who are interested in an International educational experience should contact the School of Hotel and Restaurant Management for updated information.

School of Hotel and Restaurant Management

Faculty
Director: Jay R. Schrock; McKibbon Chair: John R. Walker; Assistant Professor: Katarina D. Annaraud; Coordinator: Amanda M. Kulaw

Program Email: hospitality@usf.edu  Location: Sarasota/Manatee Campus, CPP Bldg., Suite 101

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 understanding of the diverse social context in which Information Technology is practiced. The program is offered through the Lakeland Campus.

Specifically, the program assists 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 technol-
ogy 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,
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 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.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CGS 2100 Computers in Bus.</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
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</tr>
<tr>
<td>MAC 1140 Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Ed.</td>
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<tr>
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<table>
<thead>
<tr>
<th>Semester II</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 2510 Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAD 3100 Discrete Math</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 Economic Principles (Macro.)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012 Psychological Science I</td>
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<table>
<thead>
<tr>
<th>Semester II</th>
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<tbody>
<tr>
<td>Natural Science</td>
<td>3</td>
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<tr>
<td>COP XXXX OO Programming (e.g., C++)</td>
<td>3</td>
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<td>Electives</td>
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<table>
<thead>
<tr>
<th>Semester IV</th>
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<tbody>
<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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<td>Electives</td>
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<table>
<thead>
<tr>
<th>Semester V</th>
<th>Credits</th>
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<tbody>
<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 3246 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>
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<table>
<thead>
<tr>
<th>Semester VI</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EEL 4782 Computer Information Networks for IT</td>
<td>3</td>
</tr>
<tr>
<td>EEL 4854 Data Structures and Algorithms for IT</td>
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<tr>
<td>ENC 4260 Advanced Technical Writing</td>
<td>3</td>
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<tr>
<td>CGS 3303 IT Concepts</td>
<td>3</td>
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<tr>
<td>IT Approved Electives</td>
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<table>
<thead>
<tr>
<th>Semester VII</th>
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<tbody>
<tr>
<td>CIS 4703 Database Systems for IT</td>
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<tr>
<td>CEN 4031 Software Engineering Concepts for IT</td>
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<tr>
<td>COP 4610 Operating Systems for IT</td>
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<tr>
<th>Semester VIII</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COP 4930 Information Technology Seminar</td>
<td>1-3</td>
</tr>
<tr>
<td>CIS 4935 Senior Project in IT</td>
<td>3-5</td>
</tr>
<tr>
<td>CIS 4253 Ethical Issues for Information Technology</td>
<td>3</td>
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<tr>
<td>IT Approved Electives</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>13 - 15</td>
</tr>
</tbody>
</table>

INFORMATION TECHNOLOGY (IT) MINOR PROGRAMS

There are two IT Minor options available. The IT General Minor (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective topics encompass a wide spectrum of topics such as programming, networking and web design, Human Computer Interface and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The IT Technical Minor (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

**IT GENERAL MINOR**

**Required Course:**

- CGS 3303 IT Concepts 3

**Electives (choose four from list):**

- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- COP 3515 Program Design for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5
IT TECHNICAL MINOR

Prerequisite Courses:
- COP 2510 Programming Concepts 3
- COT 3100 Introduction to Discrete Structures 3
- PHY XXXX Physics 3

Required Courses:
- CGS 3300 IT Concepts 3
- COP 3515 Program Design for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3

Electives (choose four from list):
- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CEN 4031 Software Engineering Concepts for IT 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- COP 4610 Operating Systems for IT 3
- COP 4703 Database Systems for IT 3
- EEL 4782 Computer Information Networks for IT 3
- ETL 4931 Special Topics in Technology I 1-5
- ETL 4932 Special Topics in Technology II 1-5

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 prerequisite classes 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, additional prerequisite classes 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. 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:

Required courses for the IT Professional Certificate (12 credit hours):
- CDA 3101 Computer Organization for IT 3
- COP 3515 IT Program Design 3
- COP 4610 Operating Systems for IT 3
- COP 4610L Operating Systems Laboratory for IT 1
- EEL 4854 Data Structures and Algorithms for IT 3

Electives (18 credit hours):
- CEN 3722 Human Computer Interfaces for IT 3
- CEN 4031 Software Engineering Concepts for IT 3
- CGS 3823 IT Web Design 3
- CGS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4703 Database Systems for IT 3
- CIS 4935 Senior Project in IT 3-5
- COP 4930 Information Technology Seminar 1-3
- ENC 4260 Advanced Technical Writing 3
- ETL 4931 Special Topics in Technology I 1-5
- IT Current Topics 3
- IT Approved Elective 3

Total 30

Information Technology Faculty
Chair: A. Karshmer; Faculty: W.D. Armitage, P. Bao, A. Ejnioui, F. Fleschute, A. Gaspar, B. Harding, R. Hawat.

Aerospace Studies
Air Force ROTC

Location/Phone: BEH 360; (813) 974-3367
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://web.usf.edu/~airforce/

The Air Force Reserve Officers Training Corps (AFROTC) curriculum includes 12-16 course hours of instruction by active duty Air Force officers over a two- to four-year period. A student who completes the AFROTC program will receive an Air Force commission as a second lieutenant and is guaranteed a position in the active duty Air Force at a starting pay of approximately $36,000 per year.

AFROTC is offered as a one-, two-, three-, or four-year program. The three- and four-year programs normally require a student to successfully complete all degree requirements for award of a bachelor’s degree, 14 or 16 course hours of AFROTC classes respectively, and a four-week field training encamp-
ment between his/her sophomore and junior years. The two-
year program gives students who do not enroll in AFROTC
during their freshman and sophomore years the opportunity of
taking AFROTC. Students should apply for the two-year pro-
gram by December of the sophomore year. The student attends
a five-week field training encampment in the summer prior to
program entry. Upon entering the program, the students then
complete all undergraduate degree requirements, and 12 credit
hours of AFROTC courses.

ROTC students take a 1.8 hour non-credit leadership lab-
atory in addition to the academic classes. Students wear the
Air Force uniform during these periods and are taught customs
and courtesies of the Air Force. Leadership Laboratory is open
to students who are members of the Reserve Officer Training
Corps or are eligible to pursue a commission as determined by
the Professor of Aerospace Studies.

AFROTC 4, 3 and 2-year scholarships are available for eligi-
ble applicants. These scholarships pay all tuition, fees, books,
and a $250-$400 per month tax-free stipend. Those
interested in more information about scholarship criteria should
contact the AFROTC Department.

Students interested in enrolling in the programs can begin
registration procedures through the ROTC office in BEH 360 or
by registering for the appropriate ‘AFR’ course through univer-
sity registration. Veterans, active duty personnel, and graduate
students are encouraged to inquire about special accelerated
programs designed for them. The AFROTC phone number is
(813) 974-3367.

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 I 3
- AFR 3231 Air Force Leadership and Management II 3
- AFR 4201 National Security Forces in Contemporary American Society I 3
- AFR 4211 National Security Forces in Contemporary American Society II 3

- Optional Courses:
- MSL 1001C Fundamentals of Officership 2
- MSL 1002C Basic Leadership 2
- MSL 2101 Leadership and Teamwork 2
- MSL 2102 Leadership and Teamwork 2
- MSL 3201C Leadership and Problem Solving 3
- MSL 3202C Leadership and Ethics 3
- MSL 4302C Officership 3
- AFR 2940 Basic Aerospace Internship
- AFR 2130 The Evolution of USAF Aerospace Power Part 1 1
- AFR 2140 The Evolution of USAF Aerospace Power Part 2 1
- AFR 2940 Basic Aerospace Internship
- MSL 1001C Fundamentals of Officership 2
- MSL 1002C Basic Leadership 2
- MSL 2101 Leadership and Teamwork 2
- MSL 2102 Leadership and Teamwork 2
- MSL 3201C Leadership and Problem Solving 3
- MSL 3202C Leadership and Ethics 3
- MSL 4302C Officership 3

Aerospace Studies Faculty

Professor: Bradford E. Ward; Assistant Professors: Chris Carmichael, Tracey Richardson, Susan Welch.

Military Science

Army Reserve Officer’s Training Corps (ROTC)

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 Re-
serve 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 Lieuten-
ant 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. Offerings are published each semester.

Army ROTC training provides scholarships, pay, free uni-
forms and textbooks. Scholarships are awarded on a competi-
tive basis in all academic majors. The scholarship pays full
fellowship, books, lab and mandatory fees, and certain other
additional expenses. All Advanced Course and scholarship
students receive a monthly subsistence payment that ranges
from $250.00 as a freshman to $400.00 as a senior. This is in
addition to the pay of approximately $700.00 while attending the
five-week field training course at the Leadership Develop-
ment and Assessment Course at Fort Lewis, Washington.

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
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 leader-
ship lab. Students incur no military commitment by participat-
ing 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 Leadership Develop-
ment and Assessment Course. The Advanced Course is designed
to prepare the student who desires to be a Professional Army
Officer for duty, either Active 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 comple-
tion of the Professional Mil/Enr Ed Courses (written
communication skills, computer literacy, and military history),
attendance at Leadership Development and Assessment
Course, maintain and graduate with a minimum of a 2.0 GPA,
successful completion of the Army Physical Fitness Test, com-
plicity 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 and 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 em-
phasis 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)
MSL 3201C Leading Teams (3)
MSL 3202C Leading Small Units (3)
MSL 4301C Leadership Development (3)
MSL 4302C Preparing for Army Leadership (3)
MSL 2900* Army Physical Readiness (1)
*repeated for two semesters; may be repeated up to four semesters, however only two credits
will count toward minor

Other specifications: combination of 4 credit hours from any
of the military elective courses below:
MSL 1001C Leadership in the Army Profession (2)
MSL 1002C Leadership Models and Methods (2)
MSL 2101C Leadership in Changing Environments (2)
MSL 2102C Leadership and Teamwork (2)
MSL 2901 Basic Leader Training (4)
MSL 4930 Advanced Directed Study and Research (1-3)

AFR 1101 The Air Force Today: Organization and Doctrine (1)
AFR 1120 The Air Force Today: Structure and Roles (1)
AFR 2130 U.S. Air Power: Ascension to Prominence (1)
AFR 2140 U.S. Air Power: Key to Deterrence (1)
AFR 3220 Air Force Leadership and Management I (3)
AFR 3231 Air Force Leadership and Management II (3)
AFR 4201 National Security Forces in Contemporary American Society I (3)
AFR 4211 National Security Forces in Contemporary American Society II (3)

Military Science Faculty
Professor: Jackson D. Self; Assistant Professors: Daniel Eadens,
Scott Macksam, Jason Miller, Kathleen Porter.

Naval Science
Naval ROTC

Location/Phone: BEH 255
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://web.usf.edu/nroc
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 squad-
rions, on surface ships, on submarines in the nuclear power
program, at naval installations all over the world, or in the
numerous sub-specialties as an officer of the Marines 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 Four-
Year 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 National 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 require-
ment, a student in the NROTC Scholarship Program is encour-
gaged 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 suc-
cessful completion of the naval science curriculum, the mid-
shipman will receive a commission as Ensign in the U.S. Navy
or Second Lieutenant in the U.S. Marine Corps and serve on
active duty for a minimum of four years.

The Navy-Marine Four-Year 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
during the four-year period, and during the junior and senior
years, pays the midshipman up to $400.00 per month subsis-
tence 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
program midshipman only acquires a military service obligation
after entering the advanced courses at the beginning of the
junior year.

Although there are no restrictions on the major college
program students may pursue, it is highly recommended that
they pursue a course of study similar to that of scholarship
students. Students must also include in their program certain
Navy specified courses and a program of courses in naval
science. Students, upon graduation and successful completion
of the naval science curriculum, receive a commission as an
Ensign in the U.S. Navy or a Second Lieutenant in the U.S.
Marine Corps and serve on active duty for a minimum of three
years.
Two-Year NROTC College Program (Non-Scholarship) — The USF NROTC offers on a limited basis a two-year non-scholarship program which is designed specifically for students commencing their third year of college, who were not enrolled in the NROTC program during their freshman and sophomore years. Applications must be submitted during the sophomore year by the first of March to permit processing, personal interviews, and a physical examination. Qualifications for acceptance to this program include demonstrated ability to complete college level science and math courses. Upon acceptance into this program, the student attends a six-week intensive course at the Naval 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 per month. Upon successful completion of the course, the Navy pays for uniform science textbooks, and up to $400.00 per month subsistence allowance.

Students must also include in their program certain Navy specified courses and a program of courses in naval science. Students, upon graduation and successful completion of the naval science curriculum, receive a commission as an Ensign in the U.S. Navy or a Second Lieutenant in the U.S. Marine Corps and serve on active duty for a minimum of three years.

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.

Regardless of the major, every scholarship student must complete one year of calculus-based 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 midshipmen who have demonstrated a commissioning grade in the Marine Corps Reserve. Female midshipmen are 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 NROTC Summer Training at Quantico attends the Woman Officer Candidate Course 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>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSC 1110 Introduction to Naval Science</td>
<td>3</td>
</tr>
<tr>
<td>NSC 1101L Naval Science Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>NSC 1140 Sea Power and Maritime Affairs</td>
<td>3</td>
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Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>MAC 2311, 2312 Calculus I, II</td>
<td>8</td>
</tr>
<tr>
<td>MAC 2281, 2282 Engineering Calculus I, II</td>
<td>8</td>
</tr>
<tr>
<td>NSC 1101L Naval Science Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>NSC 2212C Navigation/Naval Operations I:</td>
<td>3</td>
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<tr>
<td>Navigation (Note 2)</td>
<td></td>
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<tr>
<td>NSC 2221 Evolution of Warfare (Note 3)</td>
<td>3</td>
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<tr>
<td>NSC 2231 Principles of Naval Management I</td>
<td>3</td>
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Junior Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
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<tbody>
<tr>
<td>NSC 1101L Naval Science Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>NSC 2121 Naval Ships Systems I (Note 2)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 3123 Naval Ships Systems II (Note 2)</td>
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<td>PHY 2048, 2049 Physics I, II (Note 4)</td>
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Senior Year

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<tr>
<th>Course</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSC 1101L Naval Science Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>NSC 3214C Navigation/Naval Operations II:</td>
<td>3</td>
</tr>
<tr>
<td>Seamanship &amp; Ship Operations (Note 2)</td>
<td></td>
</tr>
<tr>
<td>NSC 4224 Amphibious Warfare (Note 3)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 4232 Principles of Naval Management II</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTES:
(1) Undergraduate naval sciences required to be completed for all students before Fall Semester junior year
(2) Upper division Naval Science courses required of Navy Option midshipmen and not required of Marine Options
(3) Required of Marine Option midshipmen only
(4) One year of each calculus and calculus-based physics is required for every Navy option scholarship student. It is recommended, but optional for College Program and Marine Options.

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 three-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen.

Minor in Naval Science and Leadership

The minor in Naval Science and Leadership entails an 18-hour program organized and coordinated through the Department of Naval Science. A minimum of 14 of the 18 credit hours

Undergraduate Studies
must be earned at USF and 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 Naval leadership doctrine and the fundamental principles by which Navy and Marine Corps leaders act to accomplish their mission. The minor lays out a framework by which the Navy and Marine Corps conduct routine operations and planning and it also provides a foundation in design theory with a practical application to naval platforms and weapon systems. Special emphasis is placed on character development and effective communication skills.

**Required courses:** (Total of 12 Credit Hours)

- NSC 1110 Introduction to Naval Science (3)
- NSC 1140 Sea Power and Maritime Affairs (3)
- NSC 2231 Principles of Naval Management I (3)
- NSC 4232 Principles of Naval Management II (3)

**Other specifications:** combination of 6 credit hours from any of the naval science courses below:

- NSC 2121 Naval Ship Systems I (3)
- NSC 2212C Navigation/Naval Operations I: Navigation (3)
- NSC 2221 Evolution of Warfare (3)
- NSC 3123 Naval Ship Systems II (3)
- NSC 3214C Navigation/Naval Operations II: Seamanship and Ship Operations (3)
- NSC 4224 Amphibious Warfare (3)

**Naval Science Faculty**

Professor: Martin P. Smith; Assistant Professors: David Davis, Steve DeMatteo, Gary Dubia, 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 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.

**Required Courses (6 hours):**

- SLS 2260 Leadership Fundamentals 3
- SLS 4272 Survey of Leadership Readings 3

**Elective Courses (12 hours):**

- SLS 3930 Selected Topics in Leadership 1-4
- 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 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. Offerings 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 short and long term working residencies for major dance and theatre artists 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 Studio or Art History, Dance, Music Studies, 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 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 programs. Students who have earned credit at USF or other institutions and desire to transfer credits for degree requirements are to be directed to the College of Visual and Performing Arts Office of Admissions. Additionally, students who wish to major in the College of Visual and Performing Arts must complete the maximum allowed in the Free Elective Area for each degree major. The B.F.A. in Studio Art requires a minimum of 20 credit hours in the major and department and may be required to take specified competency tests in their major area.

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 program 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), TAPS Advisor, Advising Coordinator, and support staff work with students toward their matriculation according to curricular outlines. However, the student 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 clarify their life and career goals
- Help students develop their educational plans
- Help students select appropriate courses
- 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) 974-3680.

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.
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 must 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 (Dance, 3 credits; BA Music Studies, 6 credits; BM Music, 3 credits). 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 courses transferred from other accredited institutions will be evaluated based on 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 maximum 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 sure all 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 credits 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 subject 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. Admission to the School of Art and Art History Studio programs is by portfolio. Applicants should submit the required information by the deadlines for each term as posted on the School of Art and Art History website, www.art.usf.edu. A 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. Candidates for admission into the two studio programs must successfully complete a portfolio review at a posted review date in order to be admitted. Please note that acceptance into the School of Art and Art History does not mean that you are admitted to U.S.F. and that acceptance by U.S.F. does not mean that you have been accepted by the School of Art and Art History. Each application process is separate and both must be completed for consideration of acceptance into the studio programs.

Please note: Enrollment into the School of Art and Art History as a studio major is contingent upon two separate applications and acceptances:

1. Submission of completed USF Admissions application and acceptance into the University of South Florida, and
2. Submission of completed School of Art and Art History application and acceptance into the School of Art and Art History.
3. Application to the BA Art History does not require a separate application to the School of Art and Art History nor a portfolio.

Students may complete the prerequisite courses listed below prior to entering the university. 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 (Concepts and Practices I) and ART 2203 (Concepts and Practices 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 Concepts and Practices I** (4)
ART 2203C Concepts and Practices II** (4)
ART 2301C Beginning Drawing (3)
ART 3310C Intermediate Drawing (3)

Total 20 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.

**Concepts and Practices 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. 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 prerequisites 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 2500C Beginning Painting (3)
ART 2701C Beginning Sculpture (3)
ART 2750C Beginning Ceramics (3)
ART 3612C Beginning Electronic Media (3)
PGY 2401C Beginning Photography (3)

Total 12 hours

III. Intermediate Studio Workshops

A minimum of 6 hours from the following:

3000 Level Studio (6)

Total 6 hours

B.A. students may take advanced courses if they have the requisite 3.25 Major GPA 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 4830 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 Rocco (4)
ARH 4430 19th Century (4)
ARH 4450 20th Century** (4)
ARH 4520 African (4)
ARH 4530 Asian Art (4)
ARH 4800 Critical Studies (4)
ARH 4930 Art History: Selected Topics (4)

Total 12 hours

*4 hours may be taken in either critical studies seminar ARH 4800 or Directed Reading ARH 4900.

**ARH 4450 is required of all majors.

VI. Additional Requirements

Extended Studies* (2)

Total 2 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 stated.

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 must be satisfied with Concepts and Practices I, ART 2201 or Concepts and Practices II, ART 2203.

General Education* (27)
Exit Requirements (9)
Art Requirements (55)
Free Electives (Maximum Art 9 hours) (29)

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 stated.

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 designated as core, or beginning studios require the completion of the following core courses (ART 2201C or equivalent, ART 2203C or equivalent, ARH 2050 or ARH 2051, ART 2301C or equivalent, and ART 3310C or equivalent) and a satisfactory portfolio review. Refer to our web site at www.art.usf.edu for the scheduled review date.

The B.F.A. program in Studio Art will expose the student to many possibilities in the art-making process. The areas of emphasis in art media on the Tampa campus are painting, drawing, printmaking, photography, sculpture, ceramics and electronic media/video/performance. These options provide access to a comprehensive program of study in art. Students can develop their conceptual and technical skills in a particular art discipline or decide to investigate a specific subject through the use of numerous media and “mixed” forms of art.

The USF School of Art and Art History hosts fully equipped studios in all of these disciplines.

The new B.F.A. program in Graphic Design is limited access and offered only at USF St. Petersburg. (Juniors and seniors only.)

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”.

### I. Art Foundations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<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>ART 2201C</td>
<td>Concepts and Practices I**</td>
<td>(4)</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II**</td>
<td>(4)</td>
</tr>
<tr>
<td>ART 2301C</td>
<td>Beginning Drawing</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 3310C</td>
<td>Intermediate Drawing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Total 20 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.

**Concepts and Practices 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

<table>
<thead>
<tr>
<th>Level</th>
<th>Studio</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>2000</td>
<td>Level 2-D Studio</td>
<td>(3)</td>
</tr>
<tr>
<td>2000</td>
<td>Level 3-D Studio</td>
<td>(3)</td>
</tr>
<tr>
<td>2000</td>
<td>Level Specialization</td>
<td>(3)</td>
</tr>
<tr>
<td>2000</td>
<td>Elective Studio</td>
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Total 12 hours

### III. 3000 Level Studio

<table>
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<tr>
<th>Level</th>
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</thead>
<tbody>
<tr>
<td>3000</td>
<td>Level Specialization</td>
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<tr>
<td>3000</td>
<td>Level Non-Specialization</td>
<td>(3)</td>
</tr>
<tr>
<td>3000</td>
<td>Elective Studio</td>
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</table>

*Total 18 hours

### IV. 4000 Level Studio

<table>
<thead>
<tr>
<th>Level</th>
<th>Specialization</th>
<th>Hours</th>
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<td>4000</td>
<td>Level Specialization</td>
<td>(6)</td>
</tr>
<tr>
<td>3000 or 4000</td>
<td>Level Elective</td>
<td>(3)</td>
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</table>

Total 9 hours

### V. 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>ARH 4450</td>
<td>20th Century</td>
<td>(4)</td>
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<tr>
<td>ARH 3454</td>
<td>Contemporary Issues in Art</td>
<td>(4)</td>
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Total 3 hours

### VI. Art History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ARH 4930</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>ART 2201C</td>
<td>Concepts and Practices I**</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II**</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2300C</td>
<td>Beginning Drawing</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 3301C</td>
<td>Intermediate Drawing</td>
<td>(3)</td>
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</table>

Total 18 hours

### VII. Additional Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3939</td>
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<td>(3)</td>
</tr>
<tr>
<td>ART 4940</td>
<td>Extended Studies*</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 4970</td>
<td>Senior Thesis</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Total 10 hours

### Total Art 84 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 mandated.

## 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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<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>ART 2201C</td>
<td>Concepts and Practices I**</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II**</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 2300C</td>
<td>Beginning Drawing</td>
<td>(3)</td>
</tr>
<tr>
<td>ART 3301C</td>
<td>Intermediate Drawing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Total 18 hours
II. Additions to the Art Foundation requirements:

2000 level studio elective (3)

2000 level courses the areas of Computer Language and/or Media (3)

MCC 3602 Mass Com and Society (program requirement) (3)

Total 9 hours

Graphic Design Program Requirements

III. Fall Semester

ART 2280C Typography (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)

Support Course (3)

Total 16 hours

IV. Spring Semester

GRA 3548 Computer Graphics (3)

PGY 3801C Digital Media I (3)

ART 42925 Media Workshop: Design Production (3)

ARH 4724 History of Graphic Design (4)

Total 9 hours

V. Fall Semester

ART 4925 Digital Media II (3)

GRA 4243C Graphic Design: Senior Studio (3)

ARH 4450 20th Century Art (4)

SUPPORT COURSE (3)

Total 16 hours

VI. Spring Semester

ART 4955C Senior Project: Portfolio (3)

ART 4974  Professional Practicum (3)

GRA 4940 Internship (2)

ARH Art History Course (Exit) (4)

Total 12 hours

Total 87 Art hours

Total Semester Hours for the B.A. degree in Art Studio with a Concentration in Graphic Design:

General Education* (24)

Exit Requirements** (3)

Art Requirements (87)

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.A. Degree in Art History

The following courses are necessary for completing a 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 Concepts and Practices I (4)

ART 2301C Beginning Drawing (3)

Total 13 hours
ART 2203C Concepts and Practices II (4)  
Total 10 hours

II. Art History  
Art History Survey (16)  
Total 16 hours

VISITING ARTISTS AND SCHOLARS  
The School of Art and Art History is widely known for the concentration and excellence of its programs. Aside from the contributions of its permanent staff, and to insure the continuing expansion of learning opportunities available to students, the School has brought to the campus internationally known artists and lecturers such as Alice Aycock, Linda Benglis, Jack Burnham, James Casebere, Albert Chong, Robert Collecolt, Hal Foster, Edward Fiy, Guillermo Gomez-Pena, Adam Gopnik, The Guerrilla Girls, Dave Hickey, Barbara Kruger, Donald Kuspit, Alfred Leslie, Komar and Melamid, Marlon Riggs, Tim Rollins, Alison Saar, Lorna Simpson, Miriam Shapiro, Robert Stackhouse, Renee Stout, Sidney Tillum, and The Art Guys.

USF CONTEMPORARY ART MUSEUM  
The USF Contemporary Art Museum (CAM) is recognized as one of the leading cultural institutions in the state by the State of Florida Cultural Institutions Program. The USF CAM brings vital, investigative, and scholarly exhibitions of contemporary art to the university and Tampa Bay Community. Artists include Matt Mullican, Robert Stackhouse, Pat Strie, Tyler Turkle, and Robin Winters, as well as internationally recognized artists from Africa, Europe, and Latin America, such as Leo Copers, Patrick Corillon, Alfredo Jaar, Antonio Martorelli, Pepon Osorio, and Peter Weibel. The Museum also houses the university’s art collection with exceptional holdings in graphics, sculpture multiples, and recent photography. The Museum is actively engaged in commissioning architecturally related public art projects designed to enhance the public spaces on the USF campus. Recent projects include works by Dale Elred, Richard Fleischner, Doug Hollis, Nancy Holt, Ned Smyth, and Elyn Zimmerman. USF CAM organizes symposia, lectures, workshops, and visiting artist presentations to engender interest in contemporary art, educate the public, and facilitate the exchange of ideas among artists, museum members, experts in the art field, and the community. The exhibition, educational programs, and art collection serve as an integral part of the studio and art history curriculum of the School of Art and Art History and other liberal studies areas while enhancing the cultural vitality of the campus and Tampa Bay communities.

GRAPHICSTUDIO  
The Institute for Research in Art/Graphicstudio was founded within the College in 1968 to perform basic research in the visual arts through collaboration with internationally renowned artists in the production of print and multiple editions. Over the years, Graphicstudio has received many honors including the establishment of a permanent archive at the National Gallery of Art in Washington, D.C., and the achievement of the “Florida Arts Recognition Award” from the Department of State. Work/study programs, directed study, as well as graduate assistantships are available to USF students at Graphicstudio’s production facility. Students are able to study completed editions as well as preparatory works in the Graphicstudio Gallery. Graphicstudio also sponsors lectures by invited guests and colloquia on a variety of subjects relating to the visual arts.

• DANCE (DAN)  
The dance program in the School of Theatre & Dance offers professional preparation through a curriculum of study within two degree options: B.F.A. in Dance Performance and B.A. in Dance Studies. There is an expressed commitment to the development and production of original creative works as extensions of studio/classroom experiences, of faculty research, and in interaction with guest artists.

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 and 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 3614** Dance Improvisation (2)
- **DAA 3615** Choreography I (2)
- **DAA 4616** Choreography III (2)
- **DAA 4617** Choreography IV (2)
- **DAA 3686** Jr. Performance Project* (1)
- **DAA 4685/3654** Performance/Repertory** (5)
- **DAA 4694** Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique

**Dance Theory (27 semester hours)**
- **DAN 3108** Modern II (6)
- **DAA 3208** Ballet II (6)
- **DAN 3100** Modern III (6)
- **DAN 3394** World Dance (2)
- **Elective Dance Technique:** (6)

**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 4685/3654** Performance/Repertory** (5)
- **DAA 4694** Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique

**Coursework to be taken at USF**

**Studio Technique (20 semester hours)**
- **DAA 3615** Music for Dance II (2)
- **DAN 3004** 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)
- **TPA 2211** Introduction to Technical Theatre II (3)

**Non-Dance Electives:** (7)

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### Requirements for the B.A. Degree in Dance Studies

The B.A. in Dance Studies is designed to provide students with a comprehensive core of study in Studio Technique, Choreographic Studies, and Dance Theory. The focus of this degree is to encourage the development of an individualized program of study through the selection of general education requirements as well as a focused selection of elective courses.

The selection of electives should be designed to provide each student with the maximum value of a liberal arts education within a focused area of study. A student with additional interest in another field (i.e. African Studies, Anthropology, Communications, Education, History, Psychology, Religious Studies, Theatre, Women's Studies, etc.) should complete focused study in that area along with the core of study in dance. Each student is required to develop a final independent project incorporating dance with his or her focused study. Dance students must continue to take at least one technique course each semester.

**Coursework to be taken at USF**

**Studio Technique (20 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 4685/3654** Performance/Repertory** (5)
- **DAN 4906** Independent Research Project (1)

*Concurrent enrollment in Dance Technique

**Dance Theory (23 semester hours)**
- **DAN 2160** Entry Seminar (2)
- **DAN 3614** Music for Dance I (2)
- **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)
- **TPA 2211** Introduction to Technical Theatre II (3)

**Non-Dance Electives:** (15-17 semester hours)

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### 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 2504 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)

*Dance 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. If a student receives 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. 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.

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 in addition to passing an entrance audition.

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.A. 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.

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 120. 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 recommended.

Applied Music Requirement Policy
The following degree requirements must be completed in applied music:

B.M. in Performance (including Jazz Studies and Piano Pedagogy emphasis)
Minimum of 24 hours, including a minimum of two semesters (6 hours) at the 4000 level.

B.M. in Composition (including Jazz Studies)
Minimum of 8 hours of applied music principal, including a minimum of two semesters at the 2000 level or higher.

B.S. 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 degree 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, arpeggi, 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 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 1010, 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 on the music advising website. All students enrolled in applied music for 2 or 3 hours are required to enroll in a major ensemble appropriate for their performance medium.

A list of approved major ensembles is provided on the music advising website.

Upper division BM voice performance majors may take up to two semesters of opera as a major ensemble.

Upper division voice principals in the BS degree program in Music Education or the BA degree program in Music Studies (applied emphasis) may take up to one semester of opera as a major ensemble.

Students who elect to take applied music beyond their minimal degree requirements will have the option of enrolling in either choral ensembles or in opera.

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. 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 1111 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 1112 Music Theory or MUT 1121, 1122, 2126, or 2127
MUT 2116 Music Theory or MUT 2121, 2122, 2126, or 2127
MUT 2117 Music Theory or MUT 2121, 2122, 2126, or 2127
MUT 1241 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 1242 Aural Theory or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2246 Advanced Aural Theory or MUT 2211, 2212, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MUT 2247 Advanced Aural Theory or MUT 2211, 2212, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
MVX XXX Chamber Music Ensemble, 4 semester hours
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

Core Requirements for 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.

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)

Core Requirements for Dance Studies

Music Electives
CVPRA Requirement

Minor Students should take one 3-hour CVPA course certified in a Performing or Historical Perspectives or 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.

Election: Music credits beyond those required may be used as program electives.

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)

Ensemble Performance Majors (8), Composition (4)
All students enrolled in applied music for 3 or 2 credit hours are required to enroll in a major ensemble appropriate to their performance medium.

Music Electives
CVPRA Requirement

Minor Students should take one 3-hour CVPA course certified in a Performing or Historical Perspectives or 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)

Ensemble Performance Majors (8), Composition (4)
All students enrolled in applied music for 3 or 2 credit hours are required to enroll in a major ensemble appropriate to their performance medium.

Music Electives
CVPRA Requirement

Minor Students should take one 3-hour CVPA course certified in a Performing or Historical Perspectives or 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.
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 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 and Sciences for up to 15 credit hours to meet the foreign language proficiency requirement.

Upper division BM voice performance majors may take up to two semesters of opera as a major ensemble. Students who elect to take applied music beyond their minimal degree requirements will have the option of enrolling in either choral ensembles or in opera.

Performance majors in piano are required to enroll in MKV 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:
MKV 4640 (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 the following way:

Portfolio and Presentation: The student will produce an approved composition portfolio of 45 minutes; 30 minutes must be performed publicly. All portfolio compositions must be produced under the instruction of the composition faculty while enrolled in MUC 2221, 3231, and 4241. The composition must be approved by the composition faculty in advance for inclusion in the portfolio. For a portfolio composition to earn public performance minutes, the composition again must be approved for performance in advance and then properly documented that a successful performance took place, as approved by the composition faculty (recordings, when available, should be compiled.) Note that in-class performances do not constitute a public performance; however, readings by major ensembles do count as public performances.

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 4311 (2)  MUT 4312 (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.

Requirements for the B.S. Degree in Music Education (MUE)
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.

STUDENT'S ADVISING FOLDER IN ORDER FOR DEGREE FOLLOWING ALL RECITALS AND PLACED IN EACH MUSIC
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.

Note: The following prerequisites are required for all education majors. Students should consult their intended majors (listed under "Departments and Programs," below) for a list of other specific course prerequisites and requirements beyond those listed below.

- EDF 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.
- Three (3) semester hours in Philosophy
- Three (3) semester hours in Fine Arts

A maximum of 9 credits of "S" grade for non-Gordon courses is allowed for the degree.

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, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
MUT x242 Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
MUT x246 Advanced Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
MUT x247 Advanced Aural Theory
or MUT x221, x222, x226, and x227
or MUT x261, x262, x266, and x267
or MUT x271, x272, x276, and x277
MUN XXXX 4 semester hours
MVx X1X1 Secondary Applied Music Courses, 2-4 semester hours
MVx X2X2 Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination
or MVx x111, x112, x121 and x122
or MVx x111r, x112r, x121r
or MVx x211 and x221

This is an official state teacher education program. All music education students must demonstrate teaching proficiency upon completion of MUE 2090 in order to continue in the program. Students remain coded as pre-music education (MPE) until all degree admission requirements have been met.

ALL General Education courses, lower-level education courses, and examinations required by the College of Education must be completed for official admission to the BS degree program in music education. The FTCE (Florida Teacher Certification Exam), which includes the GKT (General Knowledge Test), the PEd (Professional Education Exam), and the SAE (Subject Area Examination in Music) must be taken before entering the internship and successfully completed for the degree and for Florida teacher certification. A copy of the GKT results must be given to the student to the College of Education Internship Office immediately upon receipt.

Gordon Rule Communication requirements (12 credit hours in ENC 1101, 1102, PHH 2000, and MUL 2111) and Computation requirements (6 credit hours) are satisfied through General Education courses.

The CVPA requirement for a course in art, dance, or theatre is waived for teacher education music majors.

The minimum acceptable grade for music, music education, education, and Gordon courses is "C-." The GPA in both specialization courses (music and professional courses) for music education and education must be 2.5 in order to graduate.

MUSIC (48 credit hours)

Music Theory

MUT 1111, 1112, 2116, 2117 (MUT 1112 is the prerequisite for MUG 3104 and MUL 2111) 4
Aural Theory

MUT 1241, 1242, 2246, 2247 4
Keyboard Skills

MVK 1111, 1121, 2111, 2121 0-8

Proficiency required by testing or course(s)

MUG 3104 Basic Conducting 2

Music Literature and History

MUL 2111 Introduction to Music Literature (FA) * 3
MUH 2051 Folk and Traditional Music of World Cultures (ALAMEA) * 3
MUH 3301 Baroque and Classic (MW/MI) 3
MUH 3302 Romantic through Contemporary (MW/MI) 3
Applied Principal (Studio) (2 terms each level) 12
MVx 131X, 232X, 333X (culminating in junior recital) 12
MUN 3XXX Major Ensemble 6
concurrent registration with studio
Upper division voice principals may take up to one semester of opera as a major ensemble.
MUS 2101 Recital Attendance 0
attendance at minimum 50 programs

MUSIC EDUCATION (37 cr. hrs.) & EDUCATION (12 cr. hrs.)

Methods courses include (1) curriculum and instruction, (2) human development and learning, (3) classroom management, (4) assessment through measurements, (5) teaching exceptional students with varied learning styles and achievement levels.

MUE 2090 Theoretical Bases of Music Education 3
EDG 2701 Teaching Diverse Populations and Field Experience 3
EME 2040 Introduction to Educational Technology 3
(or course in computer applications in music education)

FLE 4365 ESOL Competencies and Strategies 3
RED 4310 Reading and Learning to Read 3
MUS 4930 Selected Topics in Music (see Advisor) 2
MUE 3421 Choral Techniques and Pedagogy (1+1) 2
MUE 3422 Wind Techniques and Pedagogy (2+2) 4
MUE 3423 String Techniques and Pedagogy 2
MUN 3313 University Singers 1
or
MUN 3343 Chamber Singers (by audition) 1
MUS 4931 Selected Studio Topics in Music (see Advisor) 1
or
MUN 3443 Percussion Ensemble 1
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MUE 3930 Music Education Forum  (1x3)  3
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
or
MUE 4332 Instrumental Music in the Secondary School  (includes pre-internship)  3
MUE 4480 Special Ensemble Methods  2-6
(1 may be repeated to enroll in other sections)
001 - Marching Band Methods
002 - Jazz in the Public Schools
003 - World Music Methods
MUE 4936 Senior Seminar  2
MUE 4940 Internship  8

Requirements for the B.A. Degree in Music Studies (MSU)
Prerequisites (State Mandated Common Prerequisites)
Transfer students should complete the following prerequisites 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, x261, x267, x271, x272, x276, or x277
MUT x242 Aural Theory
or MUT x221, x222, x226, x261, x267, x271, x272, x276, or x277
MUT x246 Advanced Aural Theory
or MUT x221, x222, x226, x261, x267, x271, x272, x276, or x277
MUT x247 Advanced Aural Theory
or MUT x221, x222, x226, x261, x267, x271, x272, x276, or x277
MVX xX1X Secondary Applied Music Courses, 2-4 semester hours
MVX xx2X Secondary Applied Music Courses, 2-4 semester hours
Secondary Piano Proficiency by Examination
or MVK x111, x112, and x122
or MVK x111r, x112r, x121r, and x121r
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  4
Two terms of keyboard skills  4
MUG 3104 (conducting) or MUT 2641
(jazz theory & improvisation)  2
APPLIED STUDIES IN MUSIC
Three terms of theory (written and Aural). Placement Test is required.
Written: MUT 1111, 1112, 2116; Aural: MUT 1241, 1242, 2246
Excluding Rudiments MUT 1001 (must be taken if required)

Literature and History: MUL 2111, and MUH 3301 or 3302  6

MUSIC EMPHASIS (CHOOSE ONE) (9 credit hours)
1. Applied Music
Completion of junior level in studio, including junior recital  4
Three additional terms of major ensemble  3
Upper division voice principals may take up to one semester of opera as a major ensemble.
MUG 4302 (conducting), third term of keyboard skills, or MUT 2642 (jazz theory & improvisation)  3

2. Music Composition (MUC)
Three additional courses: MUC 2221 (twice) and MUC 2301  9

3. Music History (MUH)
Three additional courses: MUH 2051 or 2632,
MUH 3301 or 3302, and MUH 4058 or 4801  9

4. 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. Piano proficiency as established sufficient by testing can allow conversion of Keyboard Skills hours to electives in music.

RECITAL 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 in FAH 136 office. 10-15 recitals per term.

CVPA Requirement
(6 hours)
Music 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.

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  (3)
or
Music History  (3)

2. OPTIONAL CONCENTRATIONS
a. History-Theory-Literature  9-10 hours
An audition is not required.
Music History and/or Theory and/or Literature  (7-8)
Music Ensemble  (2)
MUS 2010 Recital Attendance  (0)
b. Applied Music (Principal)  8-12 hours
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)
c. Composition  9 hours
Acceptance by audition into the School of Music is required.
Introduction to Electronic Music  (2)
Composition Studio courses which may include
one course of orchestration (6)
Music Ensemble (1)
MUS 2010 Recital Attendance (0)

3. 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 music 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 organizations, 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, Guameri 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 Husa, Louis Beethoven, 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 Colwell.

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 maintain a minimum of 12 semester hours of course load in each semester
- Students are often required to perform in more than one ensemble, 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.

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)
Fail to maintain satisfactory progress in academic studies in music

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.

Intersession Music Education Students: A student, during his/her intersession semester, may continue to receive scholarship monies (even though they may be unable to comply with the ensemble requirement) upon approval by the Director of the School of Music. The Director will, as a matter of course, seek the recommendation of the applied instructor and the Coordinator of Music Education.

• 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 UK.
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 Frascher, Christopher Fry, John and Lisel Gale, Patrick Garland, Ronald Harwood, Jeff Jones, Rachel Kavanaugh, Sam Mendes, Bob Moody, Eric Overmyer, Louise Page, Estelle Parsons, Olga Petrovna, Roni Pinkovitch, Denis Quilley, Gerlind Reinshagen, 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’s 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.

For students transferring from a Community College: 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 2000 Introduction to the Theatre
or any introductory course from 001-035 at the 1 or 2 level
THE 2300 Script Analysis, 3 semester hours
or THE 2305
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 TPP 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)
- THE 2020 Introduction to Theatre (3)
- TPP 2110 Voice-Body Improvisation (3)
- TPA 2200 Intro to Technical Theatre I (3)
- TPA 2290L Intro to Technical Theatre Lab I (1)
- TPA 2211 Intro to Technical Theatre II (3)
- TPA 2291L Intro to Technical Theatre Lab II (1)

### Second Year (8 hours)
- THE 2305 Script Analysis (3)
- Choice of:
  - THE 3110 Theatre History I - XMW (3)
  - THE 3111 Theatre History II - XMW and (3)
- TPA 2292 Production Involvement I (1)
- TPP 2190 Studio Theatre Performance I (1)

### Third Year (8 hours)
- Choice of two Theatre History/Literature:
  - THE 3110 Theatre History I - XMW (3)
  - THE 3111 Theatre History II - XMW (3)
  - THE 4180 Theatre Origins -6A - XMW-XLW (3)
  - THE 4320 Theatre of Myth and Ritual -6A - XMW-XLW (3)
- THE 4330 Shakespeare for the Theatre -6A - XMW-XLW (3)
- THE 4360 19th Century Theatre Revolution - 6A - XLW-XMW (3)
- THE 4401 O'Neill and After -6A - XMW-XLW (3)
- THE 4434 Caribbean Theatre - 6A - XMW-XLW (3)
- THE 4435 Theatre of Pluralism -6A - XMW-XLW (3)
- THE 4442 Comedy of Classic & Neoclassic Stage -6A - XMW-XMW (3)
- THE 4480 Drama Special Topics (3)

Note: By prior agreement between the director and instructor the Honors sequence in its entirety (THE 4593, 4594, 4595) may substitute for one Theatre History/Literature course requirement.

### Fourth Year (3 hours)
- TPA 4293 Production Involvement II (1)
- TPP 4193 Studio Performance II (1)

### Performance Concentration (BA Degree)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>36</td>
</tr>
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<td>Language</td>
<td>8-10</td>
</tr>
<tr>
<td>Exit Courses</td>
<td>9</td>
</tr>
<tr>
<td>Theatre Core</td>
<td>33</td>
</tr>
<tr>
<td>TPP 3155 Scene Study</td>
<td>3</td>
</tr>
<tr>
<td>TPP 4180 Advanced Scene Study</td>
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<td>TPP 4140 Styles of Acting</td>
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### Design Concentration (BA Degree)

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<td>8-10</td>
</tr>
<tr>
<td>Exit Courses</td>
<td>9</td>
</tr>
<tr>
<td>Theatre Core</td>
<td>33</td>
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<tr>
<td>TPA 3007 Introduction to Design I</td>
<td>3</td>
</tr>
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<td>TPA 3008 Introduction to Design II</td>
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<tr>
<td>TPA 3208 Drafting and CAD I</td>
<td>3</td>
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<td>Plus TWO</td>
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<tr>
<td>TPA 3231 Costume Construction</td>
<td>3</td>
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<tr>
<td>TPA 3221 Lighting Theory and Practice</td>
<td>3</td>
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<td>TPA 3251 Drafting and CAD II</td>
<td>3</td>
</tr>
<tr>
<td>AND</td>
<td></td>
</tr>
<tr>
<td>TPA 4283 Architecture and Decor</td>
<td>3</td>
</tr>
<tr>
<td>TPA 4264 Costume History</td>
<td>3</td>
</tr>
<tr>
<td>TPA 4011 Design Studio I</td>
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<td>Free Electives</td>
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<td>Total Hours</td>
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### Requirements for B.F.A. Degree with Theatre Design Concentration

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### Theatre Arts Concentration (BA Degree)

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<tr>
<td>General Education</td>
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<td>Language</td>
<td>8-10</td>
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<tr>
<td>Exit courses</td>
<td>9</td>
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<tr>
<td>Theatre core</td>
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<tr>
<td>TPP Courses:</td>
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<td>THE; TPA; TPP Courses</td>
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<td>Free Electives</td>
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</tr>
<tr>
<td>Total Hours</td>
<td>32-34</td>
</tr>
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</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.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>General Education</td>
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<td>Language</td>
<td>8-10</td>
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<td>9</td>
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<tr>
<td>Theatre core</td>
<td>33</td>
</tr>
<tr>
<td>TPP Courses</td>
<td>3</td>
</tr>
<tr>
<td>THE; TPA; TPP Courses</td>
<td>18</td>
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<tr>
<td>(9 must be at upper level)</td>
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</tr>
<tr>
<td>Free Electives</td>
<td>11-13</td>
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<td>Total Hours</td>
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#### Design Concentration (BA Degree)

<table>
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<th>Hours</th>
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<td>General Education</td>
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<td>TPA 3007 Introduction to Design I</td>
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<td>TPA 4283 Architecture and Decor</td>
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<tr>
<td>TPA 4011 Design Studio I</td>
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<tr>
<td>Free Electives</td>
<td>8-10</td>
</tr>
<tr>
<td>Total Hours</td>
<td>32-34</td>
</tr>
</tbody>
</table>

#### Requirements for B.F.A. Degree with Theatre Design Concentration

Note: 1) Language requirement not applicable for B.F.A. degree; 2) With careful selection of General Education and Exit Courses the B.F.A. may be achieved in 120 hours. See Advisor.
## Requirements for a Minor in Theatre

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>THE 2020</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TPP 2110</td>
<td>Voice and Body Improvisation</td>
<td>3</td>
</tr>
<tr>
<td>TPP 2190</td>
<td>Studio Theatre Performance I</td>
<td>1</td>
</tr>
<tr>
<td>TPA 2292</td>
<td>Production Involvement I</td>
<td>1</td>
</tr>
<tr>
<td>TPA 2200</td>
<td>Intro to Technical Theatre I</td>
<td>3</td>
</tr>
<tr>
<td>TPA 2290L</td>
<td>Intro to Technical Theatre Lab I</td>
<td>1</td>
</tr>
<tr>
<td>TPA 2291</td>
<td>Intro to Technical Theatre II</td>
<td>3</td>
</tr>
<tr>
<td>TPA 2291L</td>
<td>Intro to Technical Theatre Lab II</td>
<td>1</td>
</tr>
</tbody>
</table>

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. J. Saff; Dean Emeritus - Professor Emeritus: H. W. Covington; Chair Emeritus-Professor Emeritus: G. Pappas; Professors: C. P. Lyman, L. Marcus, M. A. Miller; Associate Professors: R. Boreila, E. A. Fraser, V. Hirt, T. E. McLaughlin, B. Shanks, H. Szepe; Assistant Professors: W. Babcox, N. Bender, R. Berg, R. Borcila, J. Byrd, C. Chang, E. Condon, R. Lawrence, D. Murray, A. Pollack, J. Weitz; Assistant in Media Technologies: G. Maddison; Assistant in Student Advising: R. Olinger.*

### Music and Music Education


### Theatre and Dance

USF Lakeland is the western entry to the Florida High Tech Corridor

Located 30 miles east of Tampa and 40 miles west of Orlando, just 10 miles south of the intersection of I-4 and Polk Parkway, the University of South Florida Lakeland (USF Lakeland) anchors the western entry to the emerging Florida High Tech Corridor (FHTC). FHTC is attracting high tech industry in Information Technology, Medical Technologies, Microelectronics, Modeling, Simulation and Training, and Optics and Photonics. USF Lakeland, a leader in the field of Information Technology, brings to the FHTC and you, the benefits of business partnerships, internships, research, and leadership in economic and workforce development.

USF Lakeland offers upper division (junior and senior) undergraduate and Master’s degree programs and post-baccalaureate certificate programs. With a focus on the needs of a 21st century workforce, USF Lakeland embraces opportunities to develop new academic and certificate programs responsive to the needs of the emerging Florida High Tech Corridor and area hospitals, businesses, and community agencies. Full and part-time students have opportunities for daytime, evening, and weekend classes delivered in on-campus, off-campus, and online learning environments.

Established in 1986, USF Lakeland serves more than 3,500 students annually. USF Lakeland is dedicated to Excellence, Innovation, and Collaboration. Our faculty are nationally recognized scholars and practitioners who provide an active, engaging, and learner-centered academic environment. Our programs integrate research, inquiry, new technologies, and interdisciplinary perspectives to advance knowledge, promote creative enterprise, and develop highly skilled and globally competitive graduates. Our partnerships with communities, community agencies, schools, businesses, and industry enhance the welfare, vitality, and quality of living in the region and state.

Education within your reach

USF Lakeland partners with 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) to provide a 2+2 educational opportunity allowing you to obtain your first two years (A.A. or A.S.) from the local community college and then complete your baccalaureate degree through USF Lakeland. USF Lakeland also collaborates with school districts, businesses and industry, and community agencies to provide degree programs and post-baccalaureate certificates in on-site settings.

USF Lakeland is expanding its facilities. The PCC/USF Joint Use Facility will provide 125,000 square feet of state-of-the-art teaching, research, and service facilities. Nearly 50,000 square feet will be dedicated for use by USF Lakeland for high-tech classrooms, technology and research labs, faculty and staff offices, student services, and student study areas. The Joint Use Facility will open in fall 2006.

A Master Plan for a new primary campus has been approved in concept, and $3.7 million has been approved by Governor Bush and the Florida Legislature for planning and infrastructure on the site. The new USF Lakeland campus will be built at the junction of I-4 and the Polk Parkway and will have the potential at full build-out for providing services to 12,000 students on a 4-year and Master’s degree campus.

List of Majors and Programs

Undergraduate Programs
- A.S. to B.S.A.S. (Bachelor of Science in Applied Science)
  - General Business
  - Criminal Justice
  - Early Childhood Development
  - Industrial Operations
  - Information Technology
  - Criminology (B.A.)
- Elementary Education (B.S.)
- Information Systems (B.S.I.S.)
- General Business Administration (B.S.)
- Industrial Engineering (B.S.I.E.)
- Information Technology (B.S.I.T.)
- Interdisciplinary Social Science (B.A.)
- Psychology (B.A.)
- Social Work (B.S.W.)
- Special Education (B.S.)

Graduate Degrees
- Counselor Education (M.A.)
- Educational Leadership (M.Ed.)
- Reading Education (M.A.)
- Social Work (M.S.W.)

Undergraduate Academic Minor
- Leadership Studies

Florida Engineering Education Delivery System (FEEDS)
- Online, videostream courses applicable to Master’s degree programs in Engineering, Electrical Engineering, and Engineering Management

Certificate Programs
- Information Technology Management (15 credit hours)
- Information Technology Professional (30 credit hours)
- Leadership Studies (9 credit hours)

Campus Characteristics

2004-2005 Enrollment (Unduplicated/Funding Campus)
- 3,500 students

Student-Faculty Ratio
- 20:1

Average Age
- Undergraduate 27
- Graduate 36

Full-Time vs. Part-Time
- Undergraduate: 54% Full-time; 46% Part-time
- Graduate: 23% Full-time; 77% Part-time

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
- Faculty who are nationally recognized scholars and practitioners
- Programs that integrate research, inquiry, new technologies, and interdisciplinary perspectives
- Innovative A.S. to B.S.A.S. program
- Department of Information Technology
- Community partnerships
- New PCC/USF Joint-Use Facility
- New I-4 and Polk Parkway campus plan
ACADEMIC PROGRAMS OFFERED AT LAKELAND

DEGREE REQUIREMENTS

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/bsas.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 very efficiently into four-year Bachelor's degree programs. 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 academic 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.) 42
Community College General Education

(Transferred from A.S.) 18
USF General Education

18
USF Exit Courses

9

USF Area of Concentration* 18
USF Electives** 15
Total BSAS Credit Hours 120

*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 complete:

- a minimum of 48 credit hours of upper-level (3000-4999) 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)

Requirements for Areas of Concentration

BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

CCJ 3024 Survey of Criminal Justice (3)
CCJ 3610 Theories of Criminal Behavior (3)
CJL 3110 Substantive Criminal Law (3)
CJC 4010 American Correctional Systems (3)
CCJ 4934 Seminar in Criminology (3)
CJE 4144 American Law Enforcement (3)

BSAS - General Business Concentration (ABU) consists of 18 credit hours:

AGG 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)

BSAS – Early Child Development Concentration (AEC) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

EDF 4111 Child Growth & Learning (3)
EDG 4909 Young Children w/ Special Needs (3)
HSC 3301 Health, Safety, Nutrition & Motor Skills (3)
EEC 4303 Creative & Affective Experiences (3)
EEC 4408 Child, Family & Teacher Relations (3)
PAD 4419 Personnel & Supervision (3)

BSAS – Industrial Operations Concentration (AIO) consists of 18 credit hours:

Only available through Lakeland campus

PREREQUISITES - 9 HOURS:
MAC 1105 College Algebra (3)
STA 2023 Introductory Statistics (3)
COP 2510 Programming Concepts (3)
REQUISITED COURSES:
ETG 4931 Special Topics in Technology I* (1-5)
MAN 3025 Principles of Management (3)
AGG 3074 Accounting for Non-Business Majors (3)
OR
EIN 4352 Engineering Cost Analysis (3)
EIN 3241 Work Design and Ergonomics I (3)
EIN 4242 Work Design and Ergonomics II (3)
ETI 4116 Industrial Quality Control (3)

*Please see academic advisor for required special topics course.
BSAS - Information Technology (ATC) consists of 18 credit hours:

- Only available through Lakeland or Sarasota campus
- PAD 3003 Introduction to Public Administration (3)
- COP 2510 Programming Concepts (3)
- CGS 3303 IT Concepts (3)
- CEN 3722 Human Computer Interface (3)
- CTS 3823 IT Web Design (3)
- CTS 3845 Electronic Commerce (3)
- OIS 4412 IT Resource Management (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, juvenile justice 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 the community. 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 and 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. 24 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. A student may take an unlimited amount of CCJ 4933 or 4934 as long as they vary in topics.

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 3621
   - CJE 4114
   - CJL 4410
   - CJC 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.

- 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.

- EDF 2005 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.

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 (32-33 credit hours):

- EDF 3122 Learning and the Developing Child 3
- EDF 3604 Social Foundations of Education (Exit) 3
GENERAL BUSINESS (GBA)

Specialization (41 credit hours):

Requirements for the B.A./B.S. Degree:

- 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.

- Minors used as part of the General Business Major will not also be subsequently listed thereon the transcript. The minor/concentration in economics must consist of four upper level economics courses, excluding QMB 3200.

- 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 by demonstrating competence in the use of computers.

- 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 qualifying 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 other standards required.

- 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.

- Transfer students must have completed the equivalent USF General Physics and Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF Chemistry courses with a minimum of 2.0 GPA; must have a USF and overall GPA of 2.0 or better.

- Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

- 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.

- 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 XXXX Managerial Applications (see advisor) 3
  - MKT 3023 Basic Marketing 3
  - Total 18

- 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.

- *AGC 2021 & AGC 2071 can be substituted for AGC 3074.
- *ECO 2013 & ECO 2023 can be substituted for ECO 1000.

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 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 and may also meet General Education Requirements thereby transferring maximum hours to the university.

Communications:

- EN 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

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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

**Semester I**
- CHM 2045 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 2046 Chemistry II 3
- 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 Elective 3
- **Total 14**

**Semester IV**
- EGN 3311 Statics 3
- COP 2510 Programming Concepts 3
- EGN 4450 Linear Systems 2
- EGN 3433 Modeling & Analysis of Engineering Systems
- or
- MAP 2302 Differential Equations 3
- Fine Arts Elective 3
- **Total 14**

**Summer Term**
- EGS 1113 Engineering Graphics 3
- EGN 3615 Engineering Economy with Social and Global Implications (SS) 3
- ALAMEA Elective 3
- **Total 9**

**Semester V**
- EGN 3365 Materials Engineering I 3
- EGN 3373 Introduction to Electrical Systems 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 4211 Industrial Statistics/Quality Control 3
- ESI 4313 Probabilistic OR 3
- Tech Elective Engineering Science 3
- **Total 15**

**Semester VII**
- EIN 4364C Facilities Design 3
- EIN 4352 Engineering Cost Analysis 3
- ESI 4244 Design of Experiments 3
- ESI 4523 Industrial Systems Simulation 3
- Tech Elective Industrial Engineering 3
- **Total 15**

**Semester VIII**
- EIN 4313C Human Factors (6A) 3
- EIN 4365 Capstone Design (MW/MI) 3
- EIN 4601 Automation/Robotics 3
- ENC 3246 Communication for Engineers (6A L&W) 3
- Tech Elective Industrial Engineering 3
- **Total 15**

Gordon Rule (6A) is fully met through the mathematics courses above, ENC 1101, ENC 1102, ENC 3246 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 3246 and EIN 4365.

### 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*
- MAC X311
- MAC X312
- PHY X048/X048L
- PHY X049/X049L
- or
- PHY X049C

*Programming in Ada, C, C++, or PASCAL or equivalent language.

**Natural Sciences:**

XXX XXXX**

**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**

All students must complete the equivalent of USF Composition I & II, Engineering of Life Science Calculus I & II and General Physics I & II (with labs) with an overall grade point average of 3.00 or higher in these courses (best attempt) to be admitted to the CS&E department. Continuation in the major requires successful completion of CDA 3103 and COP 3514 with the required GPA as stated in the Computer Science & Engineering prerequisite statement in the College of Engineering general section.
### 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. The following sequence is intended to facilitate registration planning and is subject to change based upon course availability. The sequence may also vary based upon individual considerations. Registration assistance will be provided by academic advisors.

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<thead>
<tr>
<th>Semester I</th>
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<tbody>
<tr>
<td>MAC 2281/2241</td>
<td>Calculus I</td>
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<td>ENG 1101</td>
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<tr>
<td>Science Elective</td>
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<tr>
<td>Social Science Elective</td>
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<tbody>
<tr>
<td>MAC 2282/2242</td>
<td>Calculus II</td>
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<td>ENC 1102</td>
<td>Composition II</td>
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<tr>
<td>PHY 2048/2053</td>
<td>Physics I</td>
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<td>PHY 2048L/2053L</td>
<td>Physics I Lab</td>
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<td>COP 2510</td>
<td>Programming Concepts</td>
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<tr>
<th>Semester III</th>
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<tr>
<td>ACG 2021</td>
<td>Accounting I</td>
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<td>CIS 4930</td>
<td>Selected Topics in Computer Science</td>
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<td>PHY 2049/2054</td>
<td>Physics II</td>
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<td>ECO 2013</td>
<td>Macroeconomics</td>
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<th>Semester IV</th>
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<tr>
<td>CDA 3103</td>
<td>Computer Organization</td>
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<tr>
<td>COT 3100</td>
<td>Intro Discrete Structures</td>
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<tr>
<td>COP 3514</td>
<td>Program Design</td>
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<td>Social Science Elective</td>
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<tr>
<td>Historical Perspective Elective</td>
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<th>Summer Semester</th>
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<tr>
<td>ECO 2023</td>
<td>Microeconomics</td>
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<td>EEL 4651</td>
<td>Data Structures</td>
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<td>Fine Arts Elective</td>
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<th>Semester V</th>
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<td>EGN 3443</td>
<td>Engineering Statistics I</td>
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<tr>
<td>COP 4600</td>
<td>Operating Systems</td>
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<td>MAN 3025</td>
<td>Principles of Management</td>
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<td>COT 4400</td>
<td>Analysis of Algorithms</td>
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<td>Historical Perspectives</td>
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<table>
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<th>Semester VI</th>
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<tbody>
<tr>
<td>CEN 4020</td>
<td>Software Engineering</td>
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<td>CEN 4023</td>
<td>Software System Development</td>
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<td>EGN 3615</td>
<td>Engineering Economics with Social &amp; Global Implications</td>
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<td>Science Elective</td>
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<td>CSE Software Elective</td>
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<th>Semester VII</th>
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<tbody>
<tr>
<td>EGN 4450</td>
<td>Introduction to Linear Systems</td>
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<td>ALAMEA Elective</td>
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<td>CSE Software Elective</td>
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*Please see academic advisor for required special topics course.

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, ENC3246 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 ENC3246 and CIS4250.

### 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

**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 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.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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<tr>
<th>Semester I</th>
<th>Required Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CGS 2100</td>
<td>Computers in Bus.</td>
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<tr>
<td>ENC 1101</td>
<td>Composition I</td>
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<tr>
<td>MAC 1140</td>
<td>Precalculus Algebra</td>
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<td>Gen. Ed.</td>
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<tr>
<th>Semester II</th>
<th>Required Course</th>
<th>Credits</th>
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<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
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<td>ENC 1102</td>
<td>Composition II</td>
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<td>MAD 3100</td>
<td>Discrete Math</td>
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<td>ECO 2013</td>
<td>Economic Principles (Macro.)</td>
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<td>PSY 2012</td>
<td>Psychological Science I</td>
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<thead>
<tr>
<th>Semester II</th>
<th>Natural Science</th>
<th>COP XXXX</th>
<th>Object Programming (e.g., C++)</th>
<th>Electives</th>
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<tbody>
<tr>
<td>Natural Science</td>
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<td>COP XXXX</td>
<td>Object Programming (e.g., C++)</td>
<td>Electives</td>
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**IT Approved Electives**

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<tr>
<th>Semester IV</th>
<th>STA 2023</th>
<th>Introductory Statistics I</th>
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<tr>
<td>PHY 2020</td>
<td>Conceptual Physics</td>
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<td>Fine Arts</td>
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**INFORMATION TECHNOLOGY (IT) MINOR PROGRAMS**

There are two IT Minor options available.

The IT General Minor (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective topics encompass a wide spectrum of topics such as programming, networking, and web design, Human Computer Interface, and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The IT Technical Minor (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

**IT GENERAL MINOR**

- **Required Course:**
  - CGS 3303 IT Concepts | 3 |

**Electives (choose four from list):**

- CDA 3101 Computer Organization for IT | 3 |
- CEN 3722 Human Computer Interfaces for IT | 3 |
- CIS 4361 IT Security Management | 3 |
- CIS 4412 IT Resource Management | 3 |
- COP 3515 Program Design for IT | 3 |
**Electives (choose four from list):**

- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CIS 4033 Software Engineering Concepts for IT 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- COP 4610 Operating Systems for IT 3
- COP 4703 Database Systems for IT 3
- EEL 4782 Computer Information Networks for IT 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

**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. STA 2023 Intro. To Statistics 3 hrs.
2. COP 2xxx Computer Programming 3 hrs.
3. COP 2xxx OO Programming 3 hrs.
4. COP 4610 Operating Systems for IT 3
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxx Discrete Mathematics 3 hrs.

**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. COP xx Computer Programming 3 hrs.
3. COP 4610 Operating Systems for IT 3
4. COP 4610 Operating Systems Laboratory for IT 1
5. MAC xxxxx Pre-Calculus 3 hrs.
6. xxx Discrete Mathematics 3 hrs.

**Electives (18 credit hours):**

- CDA 3101 Computer Organization for IT 3
- COP 3515 IT Program Design 3
- COP 4610 Operating Systems for IT 3
- COP 4610L Operating Systems Laboratory for IT 1
- EEL 4854 Data Structures and Algorithms for IT 3

**Required Courses for the IT Professional Certificate (12 credit hours):**

CEN 4031 Software Engineering Concepts for IT 3
CIS 4361 IT Security Management 3
CIS 4412 IT Resource Management 3
COP 4610 Operating Systems for IT 3
COP 4610L Operating Systems Laboratory for IT 1
EEL 4782 Computer Information Networks for IT 3
ETG 4931 Special Topics in Technology I 1-5
ETG 4932 Special Topics in Technology II 1-5

After admission to the IT Management Certificate program, the student must complete 15 hours selected from the following:

- CEN 3722 Human Computer Interfaces for IT 3
- CIS 3823 IT Web Design 3
- CIS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4935 Senior Project in Information Technology 3
- COP 4930 Information Technology Seminar 1-3
- ENC 4260 Advanced Technical Writing 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5
- IT Current Topics 3
- IT Approved Elective 3

**Total** 30

**Information Technology Faculty**

Chair: A. Karshmer

**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) or AMH 2020 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) or POS 2112 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 (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 Statistics Statistics - 6A QM (3)
2. The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, there are specific 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:

- 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 in 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 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 at STA XXXX. Any level Statistics course (X000 - X099) or BSC XXXX. Any level General Biology course (or BSCX200-X209, or ZOO X010)

To be admitted to the major in Psychology, a student must complete all of the course prerequisites including
1. PSY 2012 Psychological Science I or equivalent
2. Statistics (PSY 3204, Psychological Statistics is preferred) with grades of C (not C-) or higher
Continuation in the major requires successful completion of those two courses plus PSY 3213. Research Methods in Psychology, with at least a grade of C (not C-) and have a grade point average for those three courses of 2.5 or higher. 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 3204 (or other qualifying statistics course) 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 3204 Psychological Statistics
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 404C Physiological Psychology
   - EXP 4304 Motivation
   - EXP 4680C Cognitive Psychology

   **Group II**
   - CLP 4143 Abnormal Psychology
   - INP 4004 Industrial Psychology
   - SOP 4004 Social Psychology
   - DEP 4053 Developmental Psychology
   - PSY 4000 Personality
   - and any 3 additional courses numbered at the upper-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 3204 (or other qualifying statistics course) 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 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.

### 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 the application form.

**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 resource 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.

Before 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 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 during enrollment in either SOW 3302 or SOW 3203. 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 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 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 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 formal 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 prerequisites and provisional core 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.
7. 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)
- State and Local Government and Politics
  - POS 2112 State and Local Government and Politics (3)
- Florida Politics and Government
  - 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)
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)
- AMS 3700 Racism in American Society (3)
- AFA 4333 Black Women in America (3)
- AFA 4333 African Diaspora: Blacks in the Construction of the Americas (3)

Sociology:
- SYD 3000 Gender and Society (3)
- SYO 3530 Poverty, Inequality, and Stratification (3)
- SYP 3000 Social Psychology (3)
- SYP 4510 Sociological Aspects of Deviance (3)

2. Both of the following Social Work courses, earning a "B" or better:
- SOW 3302 Introduction to Social Work (3)
- SOW 3203 American Social Welfare System (3)

Social Work Core Courses
1. Human Behavior and Social Environment Courses
   - SOW 3101 (4)
   - SOW 3102 (4)
   - SOW 4522 (3)
2. Social Welfare: Policy & Program Course
   - SOW 4233 (4)
3. Social Research Course
   - SOW 3401 (4)
4. Social Work Practice Courses
   - SOW 4341 (5)
5. Field Experience
   - SOW 4510 (3)

Summary:
- Core Courses: 29 hours
- Field Experience: 9 hours
- TOTAL: 38 hours

- **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 10 days; 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
- EDF 2011 Introduction to Educational Technology
- EDF 3604 Social Foundations of Education (Exit) (3)
- EDF 3303 Developmental Psychology (3)
- EDF 4430 Measurement for Teachers (3)
- EDG 2701 Teaching Diverse Populations (3)
- EME 2040 Introduction to Educational Technology
- EEX 4054 Perspectives on Learning and Language (3)
- EEX 4941 Practicum in ESE (3)
- EEX 4936 Senior Seminar in Exceptional Student Education 1
- EEX 4940 Internship: Exceptional Student Education 1-10

**Professional Education Core (31-32 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 3214 Human Development and Learning 3
  - EDF 3604 Social Foundations of Education (Exit) 3
  - EDF 4430 Measurement for Teachers 3
  - FLE 4317 Teaching LEP Students K-12 3
  - EEX 4940 Internship: Exceptional Student Education 1-10

**Area of Specialization**

**Exceptional Student Education**

Students seeking the B.S. degree with certification in Exceptional Student Education 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
### 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.

#### Required Courses (6 hours):
- SLS 2260 Leadership Fundamentals 3
- SLS 4272 Survey of Leadership Readings 3

#### Elective Courses (12 hours):
- SLS 3930 Selected Topics in Leadership 1-4
- 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
USF Sarasota-Manatee

A Source of Economic Development and Community Pride

USF’s Sarasota-Manatee campus is currently 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. Scheduled for opening in fall 2006 is USF Sarasota-Manatee’s new campus location. The 100,000 square feet facility will offer 24 classrooms; a 190-seat lecture/exhibition hall; seminar and video-conferencing rooms; computer labs; daycare center; faculty and staff offices; technology and learning center; dining facilities; and a training facility for the School of Hotel and Restaurant Management. USF Sarasota-Manatee offers upper division (junior and senior) undergraduate, graduate, and certification programs including the School of Hotel and Restaurant Management. Full-time 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 educating 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 3,400 students annually to an expanded and growing schedule of offerings that includes 39 degree programs and 4 certificate 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 campus, thus more effectively serving the needs of the community.

New programs include the School of Hotel and Restaurant Management, and 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 offers classes at Manatee Community College (MCC) Venice. The first class started in 2004 thanks to a grant given by the Gulf Coast Community Foundation of Venice. USF Sarasota-Manatee offers classes in business, elementary education and interdisciplinary social sciences 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
- Interdisciplinary Social Sciences
- Professional and Technical Writing (English)
- Psychology
- Social Work

College of Business
- Accounting
- Finance
- General Business Administration
- Information Systems and Decision Sciences
- Management
  - Marketing

College of Education
- Early Childhood Education
- Elementary Education
- Secondary English Education
- Secondary Social Science
  - Special Education

College of Nursing
- RN to BSN Nursing

College of Undergraduate Studies
- School of Hotel and Restaurant Management
- Hospitality Management
- Information Technology
- Bachelor of Applied Science with concentrations in:
  - Business
  - Criminal Justice
  - Early Childhood Development
- Hospitality Management
- Public Administration

Certificate Programs:

Hotel Management
- Restaurant Management
- Applied Information Technology Management

Graduate Programs

College of Arts and Sciences
- Criminal Justice Administration
- Library and Information Science
- Rehabilitation Counseling
- Social Work

College of Business
- Masters of Business Administration

College of Education
- Adult Education
- Educational Leadership
- Elementary Education
- MAT Elementary Education
- Reading Education
- Special Education

College of Nursing
- MA Nurse Practitioner
Points of Pride:
- USF Sarasota-Manatee is producing a trained workforce of teachers, principals, accountants, nurses, and community leaders.
- Partnerships with local business and economic development councils to remain attuned to community needs.
- Partnership with local community colleges to offer 2+2 degree programs.

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, juvenile justice 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.

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. 24 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. A student may take an unlimited amount of CCJ 4933 or 4934 as long as they vary in topics.

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
   - CJE 4114
   - CJC 4010
   - CCJ 3621
   - CJL 4410
   - 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 minorin 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.

**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 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
   - ENL 3332 Late Shakespeare
   - ENL 4303 Selected British Authors
   - LIN 4671 Traditional English Grammar
   - LIN 4680 Structure of American English
   - LIT 3102 Literature of the Western World Since the Renaissance
   - LIT 3101 Literature of the Western World Through the Renaissance
   - LIN 4680 Structure of American English
   - ENL 4331 Selected British Authors
   - ENL 4260 Advanced Technical Writing
   - ENC 4210 Technical Writing
   - ENC 4311 Advanced Composition
   - ENC 4931 Selected Topics in Professional and Technical Writing

3. Five of the following, at least two of which must be from Group A:
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945
   - AML 3031 American Literature to 1860
   - AML 3032 American Literature 1860-1912
   - AML 3051 American Literature 1912-1945

**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 courses (15 hours) as follows:
   - CRW 2100 Narration and Description
   - ENC 2210 Technical Writing
   - ENC 3250 Professional Writing
   - ENC 3310 Expository Writing
   - ENC 4260 Advanced Technical Writing
   - ENC 4311 Advanced Composition
   - ENC 4931 Selected Topics in Professional and Technical Writing

2. **Literature requirements**: Seven courses (21 hours) as follows:
   - 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
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 of 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 before his/her graduation from the university.

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.

• 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 36 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 36-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 met 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 24 hours of course work from the 3000-4000 level is required to fulfill the 36-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 16 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 18-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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience</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>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>
</tr>
<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 (3)
   - ISS 4935 Seminar in the Social Sciences (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
- Interpreter Training
- Latin American Studies
- Library and Information Science
- Multidisciplinary Behavioral Sciences
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Social Work
- Sociology
- 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 Indus-
trial Psychology, Education, Gerontology, Counseling, Management, 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 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 X010)

To be admitted to the major in Psychology, a student must complete all of the course prerequisites including:

1. PSY 2012 Psychological Science I or equivalent
2. Statistics (PSY 3204, Psychological Statistics is preferred) with grades of C (not C-) or higher

Continuation in the major requires successful completion of those two courses plus PSY 3213, Research Methods in Psychology, with at least a grade of C (not C-) and have a grade point average of three courses of 2.5 or higher.

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 3204 (or other qualifying statistics course) and PSY 3213, where a grade of “C” or better in any college-level statistics course will substitute for 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, and any four upper-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 4204, 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 4332, Honors Seminar (6) and PSY 4970, Honors Thesis (6). See the Psychology Department Undergraduate Advisor for details of the program and an application form.

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 Joint Committee 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.

Admission to the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3302 or SOW 3203. 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 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 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 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 prerequisites 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 provision courses (F*) 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 African 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)
  - WST 2600 Human Sexual Behavior (3)
- Economics:
  - ECO 1000 Basic Economics (3)
- Psychology:
  - PSY 2012 Psychological Science I (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)
- 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 4292 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) SOW 4522 (3)

2. Social Welfare: Policy & Program Course

- SOW 4233 (4)

3. Social Research Course

- SOW 3401 (4)

4. Social Work Practice Courses

- SOW 4341 (5)

5. Field Experience

- SOW 4510 (3) SOW 4510L (6)

Summary:

- Core Courses 29 hours
- Field Experience 9 hours
- TOTAL 38 hours

COLLEGE OF BUSINESS ADMINISTRATION

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 Admission to 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 of 2.0 on all attempts 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 in each course and an overall 2.0 GPA:

      A. ACG X021 Financial Accounting
         (or ACG X001 & ACG X011)
      B. ACG X071 Managerial Accounting
      C. CGS X100 Computers in Business
         (or acceptable substitute)
      D. ECO X013 Principles of Macroeconomics

   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)
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 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 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)

<table>
<thead>
<tr>
<th>Requirement</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>36</td>
</tr>
</tbody>
</table>

*See Liberal Arts Requirements for more details

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<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>9</td>
</tr>
</tbody>
</table>

### BUSINESSES (60-69 hrs. minimum)

<table>
<thead>
<tr>
<th>Requirement</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>3</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 3403 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>
</tbody>
</table>

**Total non-business credit hours** 54
**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, and 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:

**Academic Dismissal**

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

**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 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 the faculty of the School of Accountancy.

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 24 hours of upper-level accounting courses, of which 18
credit hours must be taken in residence at USF. In addition to the State Mandated Common Prerequisites for admission to the College of Business Administration (or equivalents) with a grade of C or higher, students admitted to the School of Accounting must successfully complete (with a grade of C, 2.0 or better) ACG 3103 and ACG 3341 before enrolling in other upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate. A grade of "C" or higher (not C-) is required in upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate. A grade of "C" or higher (not C-) is required in upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate. A grade of "C" or higher (not C-) is required in upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate.

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.

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
   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

2. 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.

3. 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 take courses in the following areas 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

**Required Finance Courses:**

- FIN 3103 Intermediate Financial Accounting I 3
- FIN 3341 Cost Accounting and Control I 3
- FIN 3401 Accounting Information Systems 3
- FIN 4632 Auditing I 3
- TAX 4001 Concepts of Federal Income Taxation 3

**Electives (6 hours selected from):**

- FIN 4213 Intermediate Financial Accounting II 3
- FIN 4351 Cost Accounting and Control II 3
- FIN 4642 Auditing II 3
- FIN 4931 Selected Topics 3
- ACG 5201 Advanced Financial Accounting 3
- ACG 5501 Governmental/Not-for-Profit Accounting 3
- ACG 5675 Internal and Operational Auditing 3
- TAX 5015 Federal Taxation of Business Entities 3

Total 24

**Requirements for a Minor in Finance (for Business Majors Only):** Students majoring in Business Administration can minor in other business disciplines. The requirements are:

1. FIN 4504 Principles of Investments 3
2. FIN 4503 Financial Institutions and Markets 3
3. FIN 4461 Financial Statements Analysis 3
4. FIN 4303 Financial Institutions and Markets 3
5. FIN 4443 Financial Policies and Strategies 3
6. 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, 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 minor 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 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
- 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 can minor in Finance. The requirements are:

1. FIN 4504 Principles of Investments 3
2. FIN 4503 Financial Institutions and Markets 3
### 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.
- **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 4500 Managing Information Resources 3

#### Requirements for a Minor in Management (for Business Majors Only):
- Students majoring in Business Administration may minor in Management.
- **Required Management Courses:**
  - MAN 3240 Organizational Behavior Analysis 3
  - Total 15-21
- **Requirements for a Minor in Management (for Business Majors Only):**
  - 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
  - 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 market 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. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):
- Students majoring in Business Administration may minor in Management.
- **Required Management Courses:**
  - MAN 3240 Organizational Behavior Analysis 3
  - Additional upper-level management courses 3-9
  - **Total** 18-24

#### 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. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):
- Students majoring in Business Administration may minor in Management.
- **Required Management Courses:**
  - MAN 3240 Organizational Behavior Analysis 3
  - Additional upper-level management courses 3-9
  - **Total** 18-24

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### Requirements for the B.A./B.S. Degree:

#### FIN 4414 Advanced Corporation Finance 3

Another upper-level Finance Elective with an
FIN, REE, or RMI 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 hours of the required 12 credit hours must be taken in residence at USF.

#### 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.

#### 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 3023. At least 12 hours must be taken in residence at USF. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):

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

#### 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. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):

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

#### 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 3023. At least 12 hours must be taken in residence at USF. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):

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

#### 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. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

#### Requirements for a Minor in Management (for Business Majors Only):

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

#### 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. A grade of "C" or higher (not C-) is required in all Marketing Classes plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.
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.

COLLEGE OF EDUCATION

Admission 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. (See “Liberal Arts Requirements” section of the catalog.) Note: Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test 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. Students should consult their intended majors (listed under “Departments and Programs,” below) for a list of other specific course prerequisites and requirements beyond those listed below:
   • Twelve (12) semester hours in social sciences to include American history and/or diversity courses
   • 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 in EDU 106 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.)
   • Three (3) semester hours in Philosophy
   • Three (3) semester hours in Fine Arts

   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 2310</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>EGR 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 2731</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>MHH 2015</td>
<td>Folk and Traditional Music of World</td>
<td>3</td>
</tr>
<tr>
<td>MUS 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: Professional Education Core, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. 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.

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 admission 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 pursuits of students in the College. The department’s major areas of responsibility include: Pre-Education Advising, 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 in EDU 106 each semester. For additional contact information, please call the SAS office or visit the web site at http://www.coedu.usf.edu/sas/.

Advising Offices

Tampa Campus: For admitted College of Education students, EDU 106, (813) 974-1804. For pre-education students, DAC 107, (813) 974-2979.
Sarasota Campus: USS 805D, (941) 359-4331 or 4330.
Lakeland Campus: LLC 2100, (800) USF-5636 (in state only), or (863) 667-7023
USF - St. Petersburg: DAY 134, (727) 553-1511
Office Hours: 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Wednesdays until 10:00 a.m. Generally offices are open 9:00 a.m. – 5:00 p.m. Monday through Friday. 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:
(Admitted USF students are eligible.) For general information, call (813) 974-1804. The admission process to the College of Education (COE) is separate and in addition to admission to USF. The deadlines to submit an application are as follows: Fall Semester (July 15th), Spring Semester (November 15th), and Summer Semester (April 15th). 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 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 in Teacher Education Programs

The initial 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 General Knowledge Test).
3. Completion of an application for the final internship by the deadline noted. Applications for final internship are made through the Student Academic Services website (www.coedu.usf.edu/sas/). Application deadline for Fall Semester is January 15th. Application deadline for Spring semester is June 15th.
4. Completion of fingerprinting and background check as required by the school district in which the student is placed.
5. Elementary, Early Childhood and Physical Education programs require completion of all professional education and specialization course work except for EEX 4070 and Senior Seminar. Special Education programs require completion of all professional education and specialization coursework. Secondary 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.
6. Elementary, Early Childhood, and Physical Education programs require a combined grade point average of 2.50 in professional education and specialization coursework as well as an overall USF GPA of 2.50. Special Education programs require an overall USF GPA of 2.50. Secondary Education programs require a minimum USF GPA of 2.50 in professional education and specialization coursework or an overall USF GPA of 2.50.
7. Students must earn a minimum "C-" grade or "S" in their required major courses.

College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.
2. Successful completion of all program requirements for ESOL endorsement.
3. A minimum overall USF grade-point average of 2.50 or a minimum GPA of 2.50 in teaching specialization courses and a minimum GPA of 2.50 in the Professional Education sequence is required for Secondary Education Programs. The Physical Education, Elementary and Early Childhood programs require a combined grade point average of 2.50 in professional education and specialization as well as an overall USF GPA of 2.50.
4. Satisfactory completion of the internship is also required. Must pass the General Knowledge Test prior to the completion of internship.
5. Passing scores on the appropriate FTCE Subject Area and Professional Education subtests.
6. All documents due for graduation (i.e., test scores, final grades, final transcripts) must be submitted to the Director of Undergraduate Programs and Internship (in EDU 106) no later than 5:00 pm on the Friday after the graduation ceremony. If that date is a university holiday, then the said information must be submitted no later than 5:00 pm on the Thursday after the graduation ceremony.
7. Completed the major requirements in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation).
8. A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF.
9. A minimum of 30 hours after admittance to an upper-level program.

Note: Normally, the college will recommend the granting of a Bachelor of Science (BS) degree which 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.

**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 with 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-Kinder-garten/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, associated internships, and a professional portfolio demonstrating the program outcomes and the Florida Educator Accomplished Practices. 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) FLE 4362, FLE 4363, and FLE 4364, 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 FLE 4362; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from FLE 4362, FLE 4363, and FLE 4364, 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. All elementary education students are required to demonstrate the Accomplished Practices (APs) through core assignments in courses and internships that are submitted to the Chalk and Wire electronic portfolio system.

**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) FLE 4362, FLE 4363, and FLE 4364, 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 FLE 4362; (3) a late ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over 10 days; and (4) an ESOL folder, containing all assignments and test results from FLE 4362, FLE 4363, and FLE 4364, and all ESOL performance check-off sheets from other ESOL-infused courses that a student has taken.

**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.

- **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 (39 cr. hrs.):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 4111</td>
<td>Child Growth and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4940</td>
<td>Senior Internship and Seminar</td>
<td>10</td>
</tr>
<tr>
<td>EEC 4936</td>
<td>Senior Seminar</td>
<td>2</td>
</tr>
<tr>
<td>EEC 4941</td>
<td>Field Experience I</td>
<td>3</td>
</tr>
</tbody>
</table>
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 (32-33 credit hours):**

- EDF 3122 Learning and the Developing Child 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 2-3
- FLE 4362 Curriculum and Pedagogy of ESOL 3
- FLE 4363 Literacy Development in English Language Learners 3
- FLE 4364 Applying Linguistics to ESOL Teaching and Testing 3
- EDE 4940 Internship 10-12

**Specialization (41 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 in the Elementary School 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
- EDE 4223 Creative Experiences for the Child 3

**Department of Secondary Education**

The following programs are housed in the Department of Secondary Education:

- English Education with ESOL Endorsement
- Foreign Language Education with ESOL Endorsement
- 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.

**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.”

**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
- EDG 2701 Teaching Diverse Populations 3
- EME 2040 Introduction to Educational Technology 3

- 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.
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.

- 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 (23 credit hours):
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 3214 Human Development and Learning 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
- ESE 4322 Classroom Management 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

Additional Specialization (24 credit hours):
- LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
  (Must be taken with LAE 4323)
- LAE 4323 Methods of Teaching English: Middle School 3
  (Must be taken with LAE 4464)
- LAE 4530 Methods of Teaching English: Practicum 3
  (Must be taken with LAE 4335)
- LAE 4335 Methods of Teaching English: High School 3
  (Must be taken with LAE 4530)
- LAE 4936 Senior Seminar in English Education 2
- LAE 4940 Internship: English Education 10

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 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.

- 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)
- Three (3) hours American Government¹
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 majors. 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 10 days; 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.

- 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 (31-32 credit hours):
The required courses in the professional education core are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4941</td>
<td>Practicum in ESE</td>
<td>6</td>
</tr>
<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>or EDF 3214</td>
<td>Human Development and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</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>EEX 4940</td>
<td>Internship: Exceptional Student Education</td>
<td>1-10</td>
</tr>
<tr>
<td>EEX 4936</td>
<td>Senior Seminar in Exceptional Student Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Area of Specialization

Exceptional Student Education

Students seeking the B. S. degree with certification in Exceptional Student Education are required to take the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 4011</td>
<td>Foundations of Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4054</td>
<td>Perspectives on Learning and Behavioral Disorders</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4221</td>
<td>Educational Assessment of Exceptional Students</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4243</td>
<td>Education of the Exceptional Adolescent and Adult</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4604</td>
<td>Behavior Management for Special Needs and at Risk Students</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4742</td>
<td>Narrative Perspectives on Exceptionality: Cultural and Ethical Issues (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4846</td>
<td>Clinical Teaching in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EMR 4011</td>
<td>Mental Retardation and Developmental Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4314</td>
<td>Teaching Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310</td>
<td>Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310</td>
<td>Early Literacy Learning</td>
<td>3</td>
</tr>
<tr>
<td>RED 4511</td>
<td>Linking Language Assessment to Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

COLLEGE OF NURSING

The College of Nursing is committed to the advancement of nursing and the promotion of health care though its education, research and service endeavors. To fulfill its commitment to nursing education, the college offers an upper division program of study that leads to a Bachelor of Science degree with a major in nursing.

Mission

The mission of the College of Nursing is to advance the science and practice of the profession by creating environments conducive to learning, scholarly inquiry, and the development of innovative community partnerships. The College of Nursing is dedicated to achieving national recognition for its contributions to improving health care outcomes.

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 Baccalaureate Program 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.

Continuing Education Programs support lifelong learning needs of graduates of educational programs in nursing through offerings that enhance and expand their existing knowledge and skill base.

Undergraduate Nursing Program

General Information

The RN Completion Program is for qualified registered nurses who are graduates of 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 upper division 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.

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 by the appropriate deadline.
3. Provide evidence of health insurance prior to enrollment.
4. Complete, prior to enrollment, the College of Nursing health form.
5. 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 university and community-based services and career-related opportunities. However, the student must remember that he or she is ultimately responsible for meeting all graduation requirements.

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 1032, (813) 974-2191.
Advising Offices: 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, 12901 Bruce B. Downs Blvd., Tampa, Florida 33612-4766 and at the College of Nursing website: http://www.hsc.usf.edu/nursing.

NURSING PROGRAM

• REGISTERED NURSE - COURSE OF STUDY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3066</td>
<td>Physical Examination and Assessment</td>
<td>2</td>
</tr>
<tr>
<td>NUR 3066L</td>
<td>Clinical Experience in Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3125</td>
<td>Pathophysiology for Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NUR 3145</td>
<td>Pharmacology in Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4636</td>
<td>Community/Public Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4636L</td>
<td>Comm/Public Health Nursing Clinical - RN</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4838</td>
<td>Leadership &amp; Management in Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3826</td>
<td>Ethical Legal Aspects in Nursing and Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4165</td>
<td>Nursing Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3806</td>
<td>Educational Transitions for RN</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>3T</td>
</tr>
</tbody>
</table>

In addition to requirements listed, the RN student must also meet all university graduate 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.

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 maybe obtained from the Office of Student Affairs, College of Nursing.

UNDERGRADUATE STUDIES

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/bsas.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 very efficiently into four-year Bachelor's degree programs. 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 academic 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
Only available at Lakeland or Sarasota campus

BSA – Criminal Justice Concentration (ACJ) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 3024</td>
<td>Survey of Criminal Justice</td>
<td>(3)</td>
</tr>
<tr>
<td>CG 3510</td>
<td>Theories of Criminal Behavior</td>
<td>(3)</td>
</tr>
<tr>
<td>CJ 3110</td>
<td>Substantive Criminal Law</td>
<td>(3)</td>
</tr>
<tr>
<td>CJC 4010</td>
<td>American Correctional Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>CJC 4934</td>
<td>Seminar in Criminology</td>
<td>(3)</td>
</tr>
<tr>
<td>CJE 4144</td>
<td>American Law Enforcement</td>
<td>(3)</td>
</tr>
</tbody>
</table>

BSA – Hospitality Management Concentration (APU) consists of 18 credit hours:

Only available through Sarasota campus

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4303</td>
<td>Creative &amp; Affective Experiences</td>
<td>(3)</td>
</tr>
<tr>
<td>EEC 4408</td>
<td>Child, Family &amp; Teacher Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>PAD 4419</td>
<td>Personnel &amp; Supervision</td>
<td>(3)</td>
</tr>
</tbody>
</table>

BSA – General Business Concentration (ABU) consists of 18 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2071</td>
<td>Managerial Accounting</td>
<td>(3)</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>Principles of Management</td>
<td>(3)</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

BSA – Early Child Development Concentration (AEC) consists of 18 credit hours:

Only available at Lakeland or Sarasota campus

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 4419</td>
<td>Personnel &amp; Supervision</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Notes:**
- *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 complete:
  - a minimum of 48 credit hours of upper-level (3000-4999) 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)

**Requirements for Areas of Concentration**

- **BSA – Criminal Justice Concentration (ACJ)** consists of 18 credit hours:
  - Only available at Lakeland or Sarasota campus

- **BSA – Hospitality Management Concentration (APU)** consists of 18 credit hours:
  - Only available through Sarasota campus

- **BSA – General Business Concentration (ABU)** consists of 18 credit hours:
  - Only available at Lakeland or Sarasota campus

**Bachelor of Science in Hospitality Management**

Program Email: hospitality@sar.usf.edu

Location: USF Sarasota-Manatee, CPP 101

Academic Advising: Office of Student Services, USS 805D, (941) 359-4330

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 educates students to succeed at entry-level management and supervisory level positions in the hospitality industry. A general business foundation 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 in the review of the curriculum, school development/programming and prepares students for future career challenges.
Students should have 60 transferable hours and an overall GPA of 2.0 prior to admission to the University of South Florida.

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.

(no grade lower than a C-)

- ACG X021 Principles of Financial Accounting
- ACG X001 and ACG X011
- ACG X071 Principles of Managerial Accounting
- ECO X013 Macroeconomics
- ECO X023 Microeconomics

Admission to the School of Hotel and Restaurant Management
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 Hospitality Management. Students should contact the Office of Student Services, USS 805D (941) 359-4330 for assistance. Students who have credits from other institutions may need to provide copies of course descriptions from the catalog for purposes of determining credit towards the Hospitality Management major requirements at USF.

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 the 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 and Restaurant Management.
4. Students must satisfactorily meet the College Level Academic Skills Test (CLAST) along with the writing and computation course requirements of 6A-10.30 (Gordon Rule).
5. Students must complete the Foreign Language Entrance Requirement as mandated by the university catalog.
6. Nine hours of exit courses must be taken at USF as defined in the university catalog.
7. Students must earn at least a 2.0 overall GPA, USF GPA, and in the major to be certified for graduation.
8. 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 of the university.
9. Students must comply with all university academic policies and procedures in order to meet all requirements set forth by the University of South Florida.

Major requirements for the B. S. Degree In Hospitality Management are as follows:

Business Courses (12 Credits) with no grade lower than C-:
- FIN 3403 Principles of Finance
- ISM 3011 Information Systems in Organizations

Hospitality Courses (36 Credits) with no grade lower than C- and 2.0 GPA:
- 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 4323 Facilities Mgmt 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
- HFT 4945 Advanced Internship (300 hours)
(Fin final academic semester with departmental approval)

Communications Courses (6 Credits)
- COM 3110 Communication for Business and the Professions
- SPC 2600 Public Speaking
- ENC 3110 Expository Writing
- ENC 3250 Professional Writing

Non-Credit Major Requirement
In addition to completion of HFT 4945, students must complete an additional 700 documented working hours in the hospitality industry before graduation.

*FSS 3231 and HFT 3263 require a lab fee.

Other Hospitality Programs Available
Certificate Programs
The Certificate Programs are designed for industry professionals currently working in hotels and restaurants to enhance their professional knowledge. The student must be currently employed in the hospitality field and satisfactorily complete the five required courses (15 credit hours in residence at USF) in hotel management or restaurant management. The certificate will be issued when a student has earned at least a 2.0 GPA and receive no less than a grade of C- in any of the five classes in their concentrated certificate program. Contact the department for further information.

Bachelor of Science in Applied Science with concentration in Hospitality
Students who have earned an A.S. degree from a Florida public community college should refer to the “Undergraduate Studies, Bachelor of Science in Applied Science” section of this catalog.

Exchange Programs
Students who are interested in an International educational experience should contact the School of Hotel and Restaurant Management for updated information.

School of Hotel and Restaurant Management Faculty
Director: Jay R. Schrock; McKibben Chair: John R. Walker; Assistant Professor: Katerina D. Annaraud; Coordinator: Amanda M. Kulaw
Program Email: hospitality@sar.usf.edu Location: Sarasota/Manatee Campus, CPP Bldg., Suite 101.
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 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.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

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 |
| Semester I | ENC 1101 Composition I | 3 |
| Semester I | MAC 1140 Precalculus Algebra | 3 |
| Semester I | Gen. Ed. | 6 |
| Semester I | Total | 15 |
| Semester II | COP 2510 Programming Concepts | 3 |
| Semester II | ENC 1102 Composition II | 3 |
| Semester II | MAD 3100 Discrete Math | 3 |
| Semester II | ECO 2013 Economic Principles (Macro.) | 3 |
| Semester II | PSY 2012 Psychological Science I | 3 |
| Semester II | Total | 15 |
| Semester II | Natural Science | 3 |
| Semester II | COP XXXX OO Programming (e.g., C++) | 3 |
| Semester II | Electives | 9 |
| Semester II | Total | 15 |
| Semester IV | STA 2023 Introductory Statistics I | 3 |
| Semester IV | PHY 2020 Conceptual Physics | 3 |
| Semester IV | Fine Arts | 3 |
| Semester IV | Electives | 6 |
| Semester IV | Total | 15 |
| Semester V | COP 3515 Program Design for Information Technology | 3 |
| Semester V | CDA 3101 Computer Organization for Information Technology | 3 |
| Semester V | ENC 3246 Communication for Engineers | 3 |
| Semester V | INR 3033 International Political Cultures | 3 |
| Semester V | CEN 3722 Human Computer Interfaces for IT | 3 |
| Semester V | Total | 15 |
### Information Technology (IT) Minor Programs

There are two IT Minor options available. The **IT General Minor** (15 semester hours) is aimed at providing a good understanding of the concepts underlying Information Technology while enabling the student to choose four elective topics in which to specialize. These elective topics encompass a wide spectrum of topics such as programming, networking and web design, Human Computer Interface and Security Management. The outcome of this program is to build a solid culture of IT technologies and disciplines from scratch.

The **IT Technical Minor** (24 semester hours) enforces basic scientific pre-requisites and requires interested students to attend three core IT courses meant to provide them with the conceptual and technical basis necessary to successfully dwell in more advanced topics. The elective part of the IT Technical Minor is composed of two electives to be chosen from a larger set of courses including Data Base Systems and Operating System. Successful students are expected to develop a conceptual understanding of the IT field while developing programming skills they may apply to strengthen their major.

#### IT General Minor

**Required Course:**
- CGS 3303 IT Concepts 3

**Electives (choose four from list):**
- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- COP 3515 Program Design for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

**Total 3 hrs.**

#### IT Technical Minor

**Prerequisite Courses:**
- COP 2510 Programming Concepts 3
- COT 3100 Introduction to Discrete Structures 3
- PHY XXXX Physics 3

**Required Courses:**
- CGS 3303 IT Concepts 3
- COP 3515 Program Design for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3

**Electives (choose four from list):**
- CDA 3101 Computer Organization for IT 3
- CEN 3722 Human Computer Interfaces for IT 3
- CIS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4935 Senior Project in Information Technology 3
- COP 4930 Information Technology Seminar 1-3
- ENC 4260 Advanced Technical Writing 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

**Total 13-15 hrs.**

### Post-Baccalaureate Certificate 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.

**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.

**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:

- CEN 3722 Human Computer Interfaces for IT 3
- CGS 3823 IT Web Design 3
- CGS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4935 Senior Project in Information Technology 3
- COP 4930 Information Technology Seminar 1-3
- ENC 4260 Advanced Technical Writing 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

#### IT Professional Certificate

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

- CEN 3722 Human Computer Interfaces for IT 3
- CGS 3823 IT Web Design 3
- CGS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4935 Senior Project in Information Technology 3
- COP 4930 Information Technology Seminar 1-3
- ENC 4260 Advanced Technical Writing 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

**IT Approved Elective** 3

**IT Current Topics** 3
<table>
<thead>
<tr>
<th></th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>STA 2023</td>
<td>Intro. To Statistics</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>2.</td>
<td>CGS xxxxx</td>
<td>Any Data Base</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>3.</td>
<td>COP 2xxx</td>
<td>Computer Programming</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>4.</td>
<td>COP 2xxx</td>
<td>OO Programming</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>5.</td>
<td>MAC xxxxx</td>
<td>Pre-Calculus</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>6.</td>
<td>xxxx</td>
<td>Discrete Mathematics</td>
<td>3 hrs.</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.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

**Required courses for the IT Professional Certificate (12 credit hours):**
- CDA 3101 Computer Organization for IT 3
- COP 3515 IT Program Design 3
- COP 4610 Operating Systems for IT 3
- COP 4610L Operating Systems Laboratory for IT 1
- EEL 4854 Data Structures and Algorithms for IT 3

**Electives (18 credit hours):**
- CEN 3722 Human Computer Interfaces for IT 3
- CEN 4031 Software Engineering Concepts for IT 3
- CGS 3823 IT Web Design 3
- CGS 3845 Electronic Commerce 3
- CIS 4361 IT Security Management 3
- CIS 4412 IT Resource Management 3
- CIS 4703 Database Systems for IT 3
- CIS 4935 Senior Project in IT 3-5
- COP 4930 IT Seminar 1-3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks Laboratory for IT 1
- ENC 4260 Advanced Technical Writing 3
- ETG 4931 Special Topics in Technology I 1-5
- IT Current Topics 3
- IT Approved Elective 3

**Total Information Technology Faculty**
- Chair: A. Karshmer; Faculty: W.D. Armitage, P. Bao, A. Ejnioui, F. Fleschute, A. Gaspar, B. Harding, R. Hawat.
Visiting USF St. Petersburg

We invite prospective students, their families, and other interested persons to visit the beautiful campus on Bayboro Harbor in downtown St. Petersburg. The Office of Prospective Student Outreach offers visits and tours of the University of South Florida St. Petersburg on an appointment-only basis right now. We host two open houses each 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) 553-4002 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.
**Information about USF St. Petersburg**

Academic Advising Center (Undergraduate)  
DAV 134 – 873-4511  
http://www.stpt.usf.edu/advising

Admissions and Records  
BAY 102 – 873-4142  
http://www.stpt.usf.edu/admissions

Applications and Admissions  
BAY 102 – 873-4142  
http://www.stpt.usf.edu/admissions/application.htm

Bookstore  
COQ 101 – 873-1173

Campus Activities Center  
601 Second Street South – CAC 124 – 873-4596  
http://www.stpt.usf.edu/studentlife/

Campus Computing  
BAY 230  
Lab & Student Help Line – 873-4551  
Computer Store – 873-4184  
http://www.stpt.usf.edu/computing

Career Development  
Counseling & Career Center - BAY 119 – 873-4422  
http://www.stpt.usf.edu/studentdev/ccc

Colleges  
Arts and Sciences – DAV 100 – 873-4156 / 3-4157  
http://www.stpt.usf.edu/coas  
Business – COB 348 – 873-4154  
http://www.stpt.usf.edu/cob  
Education – COQ 201 – 873-4155  
http://www.stpt.usf.edu/coe

Counseling Center  
http://www.stpt.usf.edu/studentdev/ccc  
BAY 119 – 873-4422

Financial Aid  
BAY 105 – 873-4128  
http://www.stpt.usf.edu/finaid

Fitness Center  
CAC 109 – 873-4589  
http://www.stpt.usf.edu/studentlife/fitness

Graduate Studies  
BAY 204 – 873-4450

Honors Program  
Director – SNL 100 – 873-4555  
http://www.stpt.usf.edu/coas/honors

International Affairs  
Coordinator – BAY 204C – 873-4156

Journalism Studies Program  
FCT 204 – 873-4850

Library (Nelson Poynter Memorial Library)  
General Information – 873-4123  
http://www.nelson.usf.edu

New Student Orientation  
CAC 137 – 873-4181  
http://www.stpt.usf.edu/studentlife/orientation

Parking Services  
BAY 132 – 873-4480  
http://www.stpt.usf.edu/parking-services

Traffic Services  
873-4510

Prospective and New Students  
DAV 134A – 873-4002  
http://www.stpt.usf.edu/prospectives.html

Public Safety  
873-4140

Student Disability Services  
Coordinator, BAY 111 – 873-4413  
http://www.stpt.usf.edu/saffairs/sds

Student Government  
CAC 127 – 873-4147  
http://www.stpt.usf.edu/studentlife

Student Life  
873-4569  
http://www.stpt.usf.edu/studentlife

Swimming Pool  
COQ 108 – 873-4597  
http://www.stpt.usf.edu/studentlife

Transcripts  
Registrar’s Office – BAY 104 – 873-4142

Tutoring  
http://www.stpt.usf.edu/ccc/tutoring.htm

Transfer (Undergraduate) Student Issues  
Recruiting – DAV 134 – 873-4511

University Police  
873-4140  
http://www.stpt.usf.edu/police

Veterans Services  
BAY 105 – 873-4128

Waterfront  
COQ 108 – 873-4597  
http://www.stpt.usf.edu/studentlife
UNIVERSITY OF SOUTH FLORIDA - 2006/2007 UNDERGRADUATE CATALOG

ACRÉDITATION

The University of South Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the baccalaureate, master's, specialist, and doctoral levels, including the Doctor of Medicine.

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 deliberate 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 culture 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 allow students of all ages to accommodate family, work, and school in a balanced fashion.

- USF St. Petersburg values each and every individual it serves, creating 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 pediatrics and marine science.
- USF St. Petersburg’s honors program challenges and enhances the quality education normally generated by the campus. Through the Science Journalism Center, USF St. Petersburg offers exciting programs that merge both disciplines to convey the latest scientific breakthroughs to the public.
The campus is known also 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 illustrations, and significant archives in local and regional history.

As a research university, USF is a catalyst for economic development and for the application of 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 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, and 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 students with documented disabilities. Services may include advocacy, reader services, interpreters, alternate exam administration, and note takers. Adaptive equipment, such as FM systems, large print computer access, and Visualtek, is available for student use in Poynter Library. Students are encouraged to contact the Office of Student Disability Services (TER 200 – Phone (727) 553-4990) as early as possible prior to enrollment to make arrangements for appropriate services.

**Admissions:** Students with disabilities apply under the same guidelines as other students. If a student believes that his/her disability has had an impact on grades, course choice, or standardized test scores for admission, he/she may request consideration of this in the admissions process.

**Course Substitution:** Students with disabilities requesting substitution of course work for General Education, foreign language, or CLAST should contact the Coordinator of Student Disability Services. Students who are approved for 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 requests for exceptions.

**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.

Information on whom to contact to request accommodation or assistance should be listed on program information and advertisements. Anyone who is unable to secure the requested assistance or need additional help with accessibility, should 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: TER 200 (727) 553-4990
  - 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 gymnasium are available as well. The campus atmosphere is informal. On occasion 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 academic ability, creative thinking skills, and strong motivation. The minimum admission requirements are designed to help
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 and private and public universities and is described as "Florida's online gateway for college information."

Online application instructions:
- Click the Apply Online link 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 admission. All requests for changes of entry term must specify any...
accredited work attempted that was not reflected on the original application that 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 original 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 the 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 at 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 RUBELOA (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 the program in Graphic Design. 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 Assessment Test (SAT) or the American College Test (ACT). Applicants graduating from high school after January 1, 2006 will be required to submit an SAT score that includes the Essay component or an ACT score that includes the Writing component. Receipt of an SAT without Essay or ACT without Writing will not fulfill the test score requirement.

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.

3. Freshman applicants who have at least a 3.6 (B+) average as recalculated by USF using all attempted academic courses are considered competitive. However, admission to the University is selective. Therefore, simply meeting requirements does not guarantee admission.

4. Criteria for admission based on a GED diploma: An overall score of at least 300 for all five tests – at least 40 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.

5. In the absence of the above, the University will also consider appropriate alternative evidence of academic achievement, ability, motivation, and responsibility that indicates potential for successful academic work at USF St. Petersburg.

6. 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.

7. 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.

USF Admissions Deposit

Freshmen admitted to the University of South Florida are required to submit a $200 nonrefundable admission deposit according to the schedule below:

- **Term Admitted**: Fall - May 1, Spring - December 1, Summer B - May 1
- **Deposit Due Date**: Fall - May 1, Spring - December 1, Summer B - May 1

The admission deposit will be credited to the student’s account and applied toward their first semester tuition. The admission deposit will be credited to the student’s account and applied toward their first semester tuition. Requests for waivers of the admissions deposit will be considered on a case-by-case basis by the Director.

Admitted freshmen are entitled to the University’s preferred payment method. Checks and money orders submitted to the Office of Undergraduate Admissions are also acceptable forms of payment.

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 Admissions & Records in consultation with the Director of the Honors Programs. Students enrolled in an early admission program must take courses that are creditable 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 490 on SAT I Q (Quantitative); or a 27 on the ACT with no less than a score of 17 on ACT English and ACT Reading and a score of 21 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 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 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 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 transcript from each previous college attended as a degree-seeking student; 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 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 transfer applicants with fewer than 90 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 the post-secondary level (as required by Florida Statute);
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 individual basis when alternative evidence of English proficiency is presented in writing.

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 indicates 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 minimally meet the following requirements to be considered for admission; 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 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. Students who entered a Florida public community/junior college prior to August 1, 1989, 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 of transferable credits;
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 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

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 St. Petersburg Undergraduate Catalog. This catalog explicitly describes the undergraduate program requirements and Florida’s common prerequisites that should be followed to ensure maximum ease of transfer to the student's transfer programs on a pair with their native USF St. Petersburg 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 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 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/committees 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 transfer 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, practica, and performing arts courses.
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 his/her intended major. This policy does not affect approved articulated programs based on the A.S. degree. For information regarding specific articulated A.S. degree programs, consult the USFSP Office of Prospective Student Outreach.
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. Students 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 St. Petersburg 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 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; 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

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.
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 desiring 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 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 an equivalent 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 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 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 they wish to re-enter. 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 rubella to the Student Health Service. Students born after December 31, 1956, must also submit 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 as of registration day, and must have lived in Florida for the last 12 months, are eligible for enrollment at USF St. Petersburg as Dual Enrollment students at the University of South Florida at the 100% tuition rate under the Florida Resident Access Program. This program allows residents to register for classes that are not confined to the traditional academic calendar as long as credit is earned toward a specific degree program.

Dual Enrollment

The University of South Florida St. Petersburg offers a Dual Enrollment Program with St. Petersburg High School effective fall of 2004. Dual enrollment classes are open to academically qualified high school students in the 11th and 12th grade levels. Prospective students must be identified as Honors Graduates at Commencement as well as on their diplomas and transcripts. Upon completion of the program, students earn 6 semester hours toward their high school diplomas.

Additional information about Dual Enrollment can be obtained from the University Office of Prospective Student Outreach at 1-800-553-1002.

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 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.

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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.

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 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.

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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. The Cross Enrollment contract is available on the Forms page of the Financial Aid website.

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. One semester must have been completed at USF prior to becoming a transient student. The Consortium Agreement for Transient Study form is available on the forms page of the Financial Aid website.

FINANCIAL INFORMATION

Florida Residency For Tuition Purposes

This notice summarizes the provisions of Florida Statutes and University Policy/Procedure concerning Florida residency for tuition purposes.

In determining residency classification, students fall into one of two categories. They are either (1) 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 (2) 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 payable 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 metered, or 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 Service 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 effected.

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 for certain courses. Please consult your Schedule of Classes to locate the courses that require the fee and the amount of the 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.

Cashier’s Office Hours - Regular Registration – See regular registration dates and times in “Schedule of Classes.” Regular Cashier’s Office hours are Monday through Thursday from 8:00 a.m. – 6:00 p.m. and Friday from 8:00 a.m. – 5:00 p.m.
Tuition fee payment should be mailed to:
Cashier's Office
University of South Florida St. Petersburg
140 7th Avenue South, BAY 132
St. Petersburg, Florida 33701

* Fees do not include books, on-campus seminars, housing, or food service and may change without notice.

b. Off-Campus College of Education Courses
Students enrolling for off-campus (Continuing Education) courses will be assessed fees according to the Tuition 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
Financial Aid Policy on Refunds and Repayments: Students receiving VA benefits who have applied in writing no later than the date specified in the Schedule of Classes for the term by presenting their Intern Participation Certificate. Prior to July 1, 1997, states that certificate holders are entitled to a waiver of matriculation fees for a maximum of six (6) credit hours instruction during a term. Certificates are valid for five years from the date of issuance.

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 Participation Certificate
Individuals who have supervised interns may register for courses during a term by presenting their Intern Participation Certificate. 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.

7. Staff Employee Waivers
The University has developed 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 2005/2006 credit hour fees please check with the cashiers office.

This fee must be paid or postmarked by the fifth day of the term to avoid cancellation of registration or a $100.00 late payment fee. A copy of the Prepaid card should be submitted to the Cashier's Office, BAY 132.

10. Mailed Payment
To avoid cancellation of registration or a $100.00 late payment fee, all fee payments must be postmarked, by the US 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

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 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.

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 fifth 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 approved 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 control of the student. Requests for fee adjustments must meet one of the conditions below to be considered.

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 completion of the course(s).
2. Death of the student or death in the immediate family (parent, spouse, child or sibling) as confirmed by documentation indicating the student’s relationship to the deceased.
3. Involuntary call to active military duty.
4. A situation in which the University 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 appropriate documentation.

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, 8 a.m. to 6 p.m. and Friday, 8 a.m. to 5 p.m.
Web Address: http://www.spt.usf.edu/finaid

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://www.spt.usf.edu/finaid and via OASIS: http://usfonline.admin.usf.edu/.

First, apply for a Federal Pin number at http://www.pin.edu.gov, then complete and submit the FAFSA online at http://www.fafsa.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. Since financial aid is disbursed after drop/add, check OASIS to see if you have a tuition deferment 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 for 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 the Office of Financial Aid.

For non-financial aid students, 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.

Scholarships

Scholarships are administered by a number of different offices within the University. The Office of Admissions in Tampa administers a variety of different scholarships for first-time-in-college students as well as for transfer students. All students interested in applying for these scholarships should contact the Tampa Admissions office directly at (813) 974-7085. All financial aid applicants are automatically considered for grants 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 USF (the College of Arts & Sciences, the College of Business, and the College 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.

USF St. Petersburg also offers scholarships to St. Petersburg campus students. The deadline usually is the first business day in March each year. Contact the Office of Financial Aid at USF St. Petersburg or go to the website at http://www.spt.usf.edu/finaid.

Veterans Services

Department of Veterans Affairs (VA) Benefits

USF St. Petersburg 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 St. Petersburg are approved by the state approving agency. Students who may be eligible for benefits are urged to contact Veteran Services, which is co-located in the Financial Aid Office in BAY 105.

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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 “9-1-1” and the non-emergency number is (727) 553-4140.

Victims’ Advocacy Program
Location: BAY 119
Hours: 8 am – 6 pm Monday - Thursday; 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
South County: CASA (727) 530-3671
North County: The Haven (727) 442-4128
Emergency Mental Health (727) 791-3131

ACADEMIC SERVICES

Undergraduate Academic Advising Center
Location/phone: DAV 134, (727) 873-4511
Web site: http://www.c.unf.edu/advising

The Undergraduate 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 undergraduate students: assistance regarding academic policies and procedures, completion of requirements for graduation, selection of a major, course registration, preparation for limited access programs, and special programs for at-risk students.

Academic Success Center
The mission of the Academic Success Center (ASC) is to encourage academic excellence by providing support services to all students who wish to improve their academic skills and attain their educational goals. The Center helps students to develop personally and educationally by increasing their learning effectiveness, understanding themselves in relation to the university environment, and taking responsibility for their learning experience. The Center helps students to become confident, efficient and effective learners by providing individual and small group tutoring, academic counseling, workshops and seminars.

Tutoring and Instruction
The Academic Success Center offers free individual tutoring for students who want to improve their knowledge of course content. Peer tutors are chosen based on personal interview, faculty recommendations, and grades. They also complete an educational program to learn effective tutoring approaches.

Subject areas:

Writing: Our consultants work one-on-one with writers during all stages of the writing process, providing assistance at all levels and in all academic disciplines. They help the writer identify strengths and areas for improving the clarity of the writing. The focus of consultation is on creating a document that is entirely the student’s rather than on proofreading or editing.

Math and Statistics: Individual tutors can help with all math and statistics as well as with quantitative subjects in the social and behavioral sciences.

Chemistry: Tutoring is available for General Chemistry I and II.

Business courses: Business tutors can help with financial and managerial accounting, micro and macroeconomics, business calculus, and business and economic statistics I and II.

Spanish: One-on-one and small group tutoring sessions are available. The Center’s computers are also used for language review.

Workshops and Seminars
Workshop schedules are developed each semester and include the following topics:

Time Management Overcoming Procrastination
Strategies for Achievement Motivation and Personal Power
Learning from Lectures Learning from Textbooks
Understanding Your Learning Style Preparing for Exams
Test Anxiety Math Anxiety

Academic Counseling
A professional counselor works with students one-on-one to achieve their academic goals. All students who want to improve their academic performance can benefit from confidential counseling and the opportunity to discuss specific concerns about college. During counseling sessions, the counselor and the student explore specific strategies to improve learning and course performance.

Academic Resources
The Academic Success Center houses a variety of resources designed to fit student’s needs:

Open Computer Lab with 10 Internet-ready computer stations.
Course syllabi, test-item banks and supplemental texts
Book, computer, and video resources to improve your study strategies and approaches to learning
Free printing for academic assignments

Course Credit for Achieving Academic Success
Each semester the Academic Success Center offers a three-credit course called Strategies for Success in College. Students learn achievement strategies that successful people use when they face challenging situations. The course focuses on
developing and practicing "study skills" in the context of setting goals, taking personal responsibility, seeking information and using feedback. For registration information, view the College of Arts and Sciences course listings or speak to your academic advisor.

Preparation for Standardized Tests and Graduate School Admission
The Center offers tutoring assistance to prepare graduate application statements and for preparing for standardized tests including:

- CLAST Mathematics, English Language Skills, Reading, and Essay
- Graduate Record Examination
- Graduate Management Admission Test
- Law School Admission Test

Become a Campus Tutor
Students who like to help others in an academic setting may participate in the Center's Tutor Training Program. Prospective tutors learn about the skills involved in effective tutoring and practice them in real tutoring sessions. Participation in the program may lead to employment in the Academic Success Center.

SAT Preparation Program
The Center offers local high students an eight-week Saturday program to prepare for the SAT. The program includes diagnostic pre-testing, individual and small group instruction, and free access to the SAT Online Course. Participants will also receive assistance with the college admissions process, including completing college applications and financial aid assistance.

Academic Success Center Hours of Operation
Monday - Thursday 8 a.m. - 9 p.m.
Friday 8 a.m. - 5 p.m.
Saturday 9 a.m. - 2 p.m.

Academic Success Center
TER 301
USF St. Petersburg
140 Seventh Avenue South
St. Petersburg, FL 33701
Phone (727) 553-4632
http://www.stpt.usf.edu/success

Parking and 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 vary based on parking lot location. If you don't have a permit, you must park at a metered parking space. For additional permit information, call 553-4480.

Do visitors need a parking permit?
Yes. Effective August 1, 1999 a daily parking fee of $3.00 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 pur-
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 St. Petersburg 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, 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 university 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 Net ID 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 policy requires 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 226, 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://mailbox.acomp.usf.edu/

The Office of Campus Computing at USF St. Petersburg is responsible for all functions that involve voice, computing, and data communications. The St. Petersburg Regional Data Center (SPRADC) 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.

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, online 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 (SPRADC) 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:

- Sixteen (16) Window servers and three (3) Sun UNIX servers
- Casi-Rusco keyless entry service
- Video surveillance service
- Network Operations Center
- Cisco IP telephone service

- The energy management to the campus community.

SPRADC 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 departments, 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. Semoes 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 freshman/sophomore advisors in the Advising Center. 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/department 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 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’s 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 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 internet or in person (regional campuses only). Appointment times and instructions for all registration periods may be viewed on USF's OASIS on-line 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 information by calling (727) 553-4181, advising information by calling (727) 553-4511, and registration information by calling (727) 553-4142.

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

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:
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 Student Health Services; you can call USF Student Health Services at (813) 974-4056.

**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 at (813) 974-4056.
- For off-campus term exemptions, contact the Office of Admissions and Records at (727) 553-4142.

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 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.

**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.

It is necessary that all students meet with their academic advisors 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 24 undergraduate majors at USFSP allow students considerable flexibility to choose a major based on their personal abilities, interests, and career plans. Students are usually admitted to the University as undecided majors and are encouraged to establish an advising relationship with the Academic Advising Center and periodically visit their advisors to keep abreast of any changes, policies, 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 advisors 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 24 undergraduate majors at USFSP allow students considerable options in their early course choices. Conversely, many other majors, and often the most popular majors, require completion of particular courses within the first two years. In fields, such as education, business, and graphic design, students must satisfy state mandated course prerequisites and complete specific general education courses during the first two years to be admitted to those major as juniors and to allow graduation on a timely basis.

It is clearly advantageous for students to make early decisions about their majors to be on track and to remain on track toward their degrees and to graduate in a timely manner. Students are urged to declare a major upon entry to the university. If they are unable to formally choose or declare a major or a pre-major they should follow the multi-semester inquiry-based (for undecided) curriculums that best matches their interests.

All students must be officially declared in a major or a pre-major before they register for more than 36 credits. Beginning Fall Semester 2005, FTIC students who will have completed 36 or more credits at the end of the term in which they are enrolled 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 at a community college, 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 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 required to follow one of the multi-semester inquiry-based (for undecided) curricula offered by the university and enroll in the University Experience or Career Development Process course.

Advising for Limited Access Programs

Students are cautioned that admission to the University does not guarantee admission to all the programs and courses offered by the individual colleges; this is especially true with respect to colleges and programs with limited-access programs. Colleges such as Business, Education, and the program in Graphic Design 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 or programs. 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.

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. 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 undeclared 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 or study, individual research, thesis, dissertation, internship, practicum). Students are 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.stpt.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 processed 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 certain repeats of undergraduate courses. 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, 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.

The University 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 University 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.

To order transcripts by mail, send payment ($8.00 per copy, check or money order only) and Request Form or letter to:

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 must complete the request process in one stop at the cashier's office. Note: Transcript fees are subject to change.

**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 by writing to the Office of the Registrar. By law, requests must include the student's identification number, the date and the student's signature or must be affected online via the student's 6-digit self-assigned personal identification number (PIN), which is essentially the student's electronic signature. 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 Transcript Request forms are available in the following offices:

- Tampa Campus Registrar's Office, regional campuses' Records & Registration offices, and all campuses' Cashier's offices.

Letter requests must include: (1) date of request and student's current address; (2) student's 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 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:

University of South Florida
Transcript Clerk, Registrar's Office
4202 E. Fowler Avenue, SVC 1034
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 must complete the request process in one stop at the cashier's office. Note: Transcript fees are subject to change.

**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 the alternative 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.

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 the CLAST requirement has not been satisfied by the time a student completes 70 semester hours, the student may not register for classes until he/she has met with his/her academic 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 the CLAST requirement has not been satisfied after completing 60 hours of coursework, a student may enroll in up to 36 hours of additional 3000-4000 level coursework. At this point, course registration will be restricted to 1000 and 2000 level courses. Meet with your academic advisor to obtain information regarding appropriate CLAST preparatory options. Further registration at USF will be denied for failure to complete the required preparatory coursework.

Students may receive exemptions for the CLAST examination 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 1105 or higher, MGF 1106 or higher and STA 1022 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 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
CIS 4253 IT Ethics 3  
CIS 4250 Ethical Issues And Professional Conduct 3  
CCJ 4934 Seminar in Criminology 3  
ARH 4800 Critical Studies In Art History 4  
CCJ 4934 Seminar in Criminology 3  
CHM 4070 Historical Perspectives in Chemistry 3  
CIS 4250 IT Ethics 3  
CLA 3501 Women in Antiquity 3  
CLT 3101 Greek Literature In Translation 3  
CLT 3102 Roman Literature In Translation 3  
COM 4020 Communicating Illness, Grief, and Loss 3  
COM 4030 Women and Communication 3  
COM 4710 Writing Lives 3  
CRW 2100 Narration and Description 3  
CRW 3112 Fiction I 3  
CRW 3121 Fiction II 3  
DAN 2100 Introduction To Dance 3  
DAN 4134 Dance History Though the 19th Century 3  
EDF 3228 Human Behavior and Environmental Selection 3  
ECC 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 1113 Composition I: Honors 3  
ENC 1122 Composition II: Honors 3  
ENC 2210 Technical Writing 3  
ENC 3246 Communication for Engineers 3  
ENC 3250 Professional Writing 3  
ENC 3310 Expository Writing 3  
EVT 4651 Equity in Schools and the Workplace 3  
FIL 2000 Film: The Language Of Vision 4  
FIL 3845 World Cinema 4  
FRT 3140 French Literary Masterpieces in English Translation 3  
GEO 4372 Global Conservation 4  
GEOG 4073 Global Conservation 4  
HIS 4936 Pro-Seminar in History 4  
HUM 4931 Seminar in Humanities 3  
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 3451 Literature and the Occult 3  
LIT 4386 British and American Literature by Women 3  
MUL 2111 Introduction To Music Literature 3  
NGR 6121 Theoretical Foundations and Professional Role Development 3  
NGR 6135 Ethical, Legal, and Policy Issues in Advanced Nursing Practice 3  
NUR 4194 An Interdisciplinary Perspective in HIV Disease 3  
NUR 4645 Substance Abuse Across the Lifespan 3  
PAD 4144 Nonprofit Organizations and Public Policy 3  
PET 4933 Seminar in Sports Medicine 3  
PHH 2000 Introduction to Philosophy 3  
PHH 4600 Contemporary Philosophy 3  

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 receipt of an Associate of Arts degree from a public community college or university or prior to entry into the upper division of a public university or college, a student shall complete successfully the following:

a. Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments. Each institution shall designate the courses that fulfill the writing requirements of this section. These course designations shall be submitted to the Statewide Course Numbering System. An institution to which a student transfers shall accept courses so designed by the sending institution as meeting the writing requirements outlined in this section.

b. Six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes 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 three (3) hours of the six (6) hours required by this section.

c. Students awarded college credit in English based on their demonstration of writing skills through dual enrollment, advanced placement, or international baccalaureate instruction pursuant to Rule 6A-10.024, F.A.C., and students awarded college credit based on their demonstration of mathematics skills at the level of college algebra or higher through one (1) or more of the acceleration mechanisms in Rule 6A-10.024, F.A.C., shall be considered to have satisfied the requirements in subsection 6A-10.030(2), F.A.C., to the extent of the college credit awarded.

Communication (12 semester hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</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>
</tr>
<tr>
<td>AFA 4335</td>
<td>Black Women in America</td>
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<tr>
<td>AFS 230</td>
<td>Culture and Society in Africa</td>
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<tr>
<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>
<td>African American Literature</td>
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<tr>
<td>AML 4303</td>
<td>Zora Neale Hurston: Major Works</td>
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<tr>
<td>AML 4624</td>
<td>Black Women Writers</td>
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<tr>
<td>AMS 3001</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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<tr>
<td>AMS 3370</td>
<td>Southern Women: Myth and Reality</td>
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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>
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</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>
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<tr>
<td>ARH 4710</td>
<td>History of Photography</td>
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<tr>
<td>ARH 4721C</td>
<td>History of Printmaking</td>
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</tr>
<tr>
<td>ARH 4724</td>
<td>History of Graphic Design</td>
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<tr>
<td>ARH 4800</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>
</tr>
<tr>
<td>CIS 4253</td>
<td>IT Ethics</td>
<td>3</td>
</tr>
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PHI 4700 American Philosophy 3
PHI 4001 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 4311 Modern Political Philosophy 3
PHM 4340 Contemporary Political Philosophy 3
PHP 3786 Existentialism 3
PHP 4000 Plato 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 4233 Women and Politics 3
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 3308 World Religions 3
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 3602 Classics of Judaism 3
REL 3607 Introduction to Judaism 3
REL 3613 Modern Judaism 3
REL 4113 The Hero and Religion 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 4217 Who Wrote the Bible (Genesis-Kings) 4
REL 4218 Women and the Bible 3
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
SYG 3235 Latin Lives 3
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 American Drama 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

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.

<table>
<thead>
<tr>
<th>Course Number and Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 2060 SC Introduction to Computers and Programming in Basic</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2101 Introduction to Formal Logic</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3204 Psychological Statistics</td>
<td>3</td>
</tr>
<tr>
<td>QMB 2100 Business And Economic Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>STA 1022 Basic Statistics</td>
<td>3</td>
</tr>
<tr>
<td>STA 2122 Social Science Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

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

Academic Dismissal may have additional implications for a student receiving financial aid. If required, a student may need to complete the Satisfactory Progress for Financial Aid Recipients Petition. For more information, see [http://usfweb2.usf.edu/finaid/nonyear/satisfactory_progress.htm](http://usfweb2.usf.edu/finaid/nonyear/satisfactory_progress.htm).

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:

**Plus/Minus Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>Excellent performance</td>
<td>3.67</td>
</tr>
<tr>
<td>A+</td>
<td>Excellent performance</td>
<td>3.33</td>
</tr>
<tr>
<td>B+</td>
<td>Good performance</td>
<td>3.00</td>
</tr>
<tr>
<td>B</td>
<td>Good performance</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>Average performance</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>Average performance</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>Average performance</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>Poor performance</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>Poor performance</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>Poor performance</td>
<td>0.67</td>
</tr>
<tr>
<td>F</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, 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 enrolled, any change to “IF” 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, 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 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. 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 "F" 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 2.00 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 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 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 the 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. 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 A.A. 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 A.A. 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 responsibility of having to overcome the entire 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 a selected portion will not be counted in their GPAs. Academic Renewal will only be applied to a student’s academic record one time at USF.

Academic Renewal I applies to students who were academically dismissed or on formal academic probationary status (institutional cumulative GPA of less than 2.00) with fewer than 60 credits but who otherwise were eligible to return to USF or other institutions of higher education prior to their successful completion of 60 transferable credits. They may be admitted to the University with Academic Renewal I 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 as juniors and their USF grade point
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.

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 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.

Regional Chancellor’s Scholar List
Full-time undergraduate students who demonstrate superior academic achievement during one semester will be honored on a “Regional Chancellor’s Scholar List.” To be eligible for the Regional Chancellor’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 Regional Chancellor’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 St. Petersburg Academic Regulations Committee (SPARC) 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 Thursday. To petition the committee, a student must secure the appropriate form from the Academic Advising Center 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 Friday, 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 an opportunity for objective review of facts and events pertinent to the cause of the academic grievance. Such review 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. These guidelines are meant to govern all Colleges (exclusive of the College of Medicine which maintains its own procedures); however, as individual Colleges or campuses may have different levels of authority or titles, each student must obtain the specific designations used by each college or campus for levels of authority and titles in the process.

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 incorrect. In such circumstances the Dean or Provost/Vice President for Academic Affairs or the Vice President for Health Sciences Center may file an administrative grade change. The term “incorrect” means the assigned grade was based on something other than performance in the course, or that the assignment of the grade was not consistent with the criteria for awarding of grades as described in the course syllabus or other materials distributed to the student. 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. Terms and Guidelines - An “academic grievance” is a claim that a specific academic decision or action that affects that student’s academic record or status has violated published policies and procedures, or has been applied to the grievant in a manner different from that used for other students. Grievances may relate to such decisions as the assignment of a grade seen by the student as incorrect or the dismissal or failure of a student for his or her action(s). Academic grievances will not deal with general student complaints.

“Instructor” shall mean any classroom instructor, thesis/dissertation/directed study supervisor, committee member or chair, or counselor/advisor who interacts with the student in an academic environment.

“Department Chair/Director” shall mean the academic head of a college department or the director of a program—or in all cases a “Department’s designee” appointed to handle...
academic grievances.

“Dean” shall mean a College Dean, the Dean of Undergraduate Studies, or the Dean of Graduate Studies, as indicated—or in all cases a “Dean’s designee” appointed to handle academic grievances for the unit.

“Time” shall mean “academic time,” that is, periods when university classes are in session. The person vested with authority at the appropriate level may extend any of the time periods contained herein for good cause. Any extensions must be communicated in writing to all parties. For the purposes of this policy, each step shall be afforded three (3) weeks as a standard time limit. When a department considers a grievance according to published departmental procedures approved by the College Dean and Provost, the time line specified in this academic unit’s procedures will govern the process and no additional notice of time extension is needed.

“Written communication” shall mean communication by hard copy to the recipient’s address of record.

The “burden of proof” shall be upon the student such that the student challenging the decision, action or grade assigned has the burden of supplying evidence that proves that the instructor’s decision was incorrect. In considering grievances, decisions will be based on the preponderance of the evidence.

Neither party shall be entitled to bring “legal representation” to any actual grievance proceeding as this is an internal review of an academic decision.

As some Colleges may not have departments or some campuses may use different titles, the next level that applies to that College shall be substituted. If the incident giving rise to a grievance occurs on the St. Petersburg campus, the approved policy on that campus shall govern.

III. Resolution at the Department Level

A. The student shall first make a reasonable effort to resolve his or her grievance with the instructor concerned, with the date of the incident triggering the start of the process (i.e., the issuance of a grade; the receipt of an assignment), and the instructor shall accommodate a reasonable request to discuss and attempt to resolve this issue.

B. If the situation cannot be resolved or the instructor is not available, the student shall file a notification letter within three weeks of the incident triggering the department Chairperson/Director. This shall be a concise written statement of particulars and must include information pertaining to how, in the student’s opinion, University policies or procedures were violated. The department Chairperson/Director shall provide a copy of this statement to the instructor.

C. The department Chairperson/Director shall discuss the statement jointly or individually with the student and the instructor to see if the grievance can be resolved. If the department maintains its own grievance procedure, it should be applied at this point. 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 College Dean.

D. If the grievance cannot be resolved, the department Chairperson/Director shall notify both the student and the instructor, informing the student of his/her right to file a written request within three weeks to advance the grievance to the College Level. The instructor may file a written response to the grievance petition. Upon receipt of the student’s request to move to the process to the College Level and the instructor’s response to the grievance (if provided), the Chairperson/Director shall immediately notify the College Dean of the grievance, providing copies of the student’s initiating grievance statement, any instructor’s written response to the grievance, and the written request from the student to have the process advanced to the College Level. Should the student not file a written request to move the grievance to the College Level within the prescribed time, the grievance will end.

IV. Resolution at the College Level

A. Upon receipt of the grievance, the College Dean shall either determine that the matter is not an academic grievance and dismiss it or within three weeks shall establish an Academic Grievance Committee. 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.

2. Wherever practical, the Committee shall include neither 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, if requested by the department, committee, or participants, faculty or students from the department involved with the grievance or from the student's major department may provide expert or other relevant testimony in the proceedings.

B. The Committee will operate in the following manner:

1. The Committee Chairperson will be appointed by the College Dean from among the three faculty members appointed to the Committee.

2. The Committee 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 Committee Chairperson shall vote on committee decisions only when required to break a tie.

3. All deliberations shall be in private and held confidential by all members of the Committee and those involved in the proceedings. The recommendation of the Committee shall be based on the factual evidence presented to it.

4. Within three weeks of the Committee appointment, the Committee Chairperson shall deliver in writing to the student, instructor, department Chairperson/Director or Program Director, and College Dean a report of the findings and a recommended resolution.

5. Within three weeks of receipt of the Committee recommendation, the College Dean shall provide a decision in writing to all parties.

6. The student or the instructor may appeal the decision of the College Dean from the University Level only if the decision of the College Dean is contrary to the recommendation of the Committee or if there is a procedural violation of these Student Academic Grievance Procedures. Such an appeal must be made in writing to the Provost or Vice President for Graduate Studies (as appropriate) within three weeks of receipt of the decision from the College Dean. Otherwise, the College Dean’s decision is final and not subject to further appeal within the University.

V. Resolution at the University Level:

The Provost/Vice President for Academic Affairs or the Vice President for the Health Sciences Center has delegated authority to the Dean of Undergraduate Studies to act in place of the Provost/Vice President in all academic grievance appeals involving undergraduate students unless the grievance occurred in a program within Undergraduate Studies, wherein it will go back to the Provost to redelegate. The Dean of Graduate Studies will act in place of the Provost/Vice President in all academic grievance appeals involving graduate students.

A. The student or the instructor may appeal at the University Level within three weeks of the receipt of a decision made at the College Level, when (1) the decision by a College Dean is contrary to the recommendation of a college Grievance Committee, or (2) there is cause to think a procedural
violation of these University Academic Grievance Procedures has been made. Within three weeks of receipt of the appeal to the decision, the Undergraduate/Graduate Dean in consultation with the Faculty Senate and the Student Senate, shall appoint 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 structure, functions and operating procedures of the Appeals Committee will be the same as those of the College Committee (i.e., chaired by one of the appointed faculty members appointed by the Undergraduate/Graduate Dean who will not vote except in the case of a tie, having no representation from either party’s respective departments, developing a recommendation to the Undergraduate/Graduate Dean, etc.).

C. Within three weeks of the appointment, the Committee Chairperson shall deliver in writing to the Undergraduate/Graduate Dean a report of the findings of the Committee and a recommended resolution.

D. Within three weeks of receipt of the Committee recommendation, the Undergraduate/Graduate Dean shall provide a decision in writing to all parties.

E. If the Undergraduate/Graduate Dean’s decision is that a grade change is merited, the Undergraduate/Graduate Dean shall initiate the grade change on the authority of the Provost and so inform all parties. In all academic grievance appeals, the Undergraduate/Graduate Dean’s decision is final and not subject to further appeal within the University.

These procedures shall take effect commencing Fall Semester, 2005, and shall supercede all other academic grievance procedures currently in effect, with the exception of the procedures of the College of Medicine.

Departments may develop their own formal procedures for considering grievances. Such procedures must be considered and approved by the College Dean and the Provost, and published on the Department’s web site. When such procedures exist, the Department’s examination of the grievance will unfold as specified in the procedures. If the Departmental process upholds the student’s grievance, the Department Chair will work with the College, the student and the instructor to remedy the situation. If the Department does not uphold the grievance, the Chair will report the fact to the Dean. The student may, in such cases, request the College Level review as outlined in these university procedures.

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

Has the student been 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. This 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

Footing/citation styles will depend upon those used by different academic disciplines. Many disciplines in the Natural Science areas, for example, will cite the sources within the body of the text.


2. Examples of proper citation in body of text:


b. Shaw (1972) was correct when he stated that “plagiarism, from a Latin word meaning ‘kidnapping,’ ranges from inept paraphrasing to outright theft.” 1[Quotation; complete information about source will be cited in a section at the close of the text.] 1(McGraw-Hill, 1972), pp. 209-210.

c. Plagiarism.org suggests that a searchable database of papers might assuage what Shaw called a “kidnapping” of intellectual content. 1[Paraphrasing of a Web site; the complete information on the Web site will appear in the works cited section at the close of the text.] 1http://bedfordstmartins.com/technotes/hccworkshop/plagiarism.htm

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 “kidnap-
formal notation: Dismissed for Academic Dishonesty. A student who received 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’s formal record and transcript.

Penalties for Academic Dishonesty:
Penalties 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, laboratory report, etc., an “F” or an “FF” grade (the latter indicating 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 may be reinstated until the issue is resolved. (NOTE: A student who is suspected of cheating may not drop a course to avoid a penalty. If the student drops a course after having cheated, the university may reinstate him or her until the case is adjudicated and, if appropriate, the penalty determined. However, even if the student is not reinstated in the course, disciplinary action may be pursued if cheating is suspected and the “W” grade may be changed to an “F,” “F,” or other grade depending on the ultimate resolution of the disciplinary process. This includes any instance of cheating that is not detected by the instructor until after the student has dropped the course. The ultimate penalty may be an “F” or an “F” in the course, or other action.) Procedures for student notification and the option of appeal 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 him or her of being placed on “Academic Dishonesty Warning” for the remainder of enrollment at USF and of appeal rights for the “FF” grade. 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.

The following penalties are generally assigned in cases when the maximum penalty is not appropriate.

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 and “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 and 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.

e. It is suggested that students who plagiarize or receive or give stolen computer programs receive an “F” with a numerical value of zero on the assignment, 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 and “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 or 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
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*  Sem. Hours
English Composition  6
Quantitative Methods  6
Natural Sciences  6
Social Sciences  6
Historical Perspectives  6
Fine Arts  3
Asian Perspectives  3

Exit Requirements*
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 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.

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, 2005. 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
ENC 1101 Composition I -6A 3
ENC 1102 Composition II -6A 3
ENC 1121 Composition I: Honors -6A 3
ENC 1122 Composition II: Honors -6A 3

QUANTITATIVE METHODS
MAC 1147 Precalculus Algebra and Trigonometry 4
MAC 1140 Precalculus Algebra 4

QUANTITATIVE METHODS
MGF 1107 Mathematics for Liberal Arts -6A 3
MGF 3301 Bridge to Abstract Mathematics -6A 4

PHI 1401 Science and Society -6A 3
PHI 1401 Science and Society -6A 3

SOCIAL SCIENCES
AFR 4150 Africa and the United States -6A 3
AFS 3251 Environmental - Cultural Study in Africa 3

BSC 2086 Anatomy and Physiology II for Nursing and other Healthcare Professionals 3

EVS 3000 Europe 3

SCIENCE AND TECHNOLOGY
GLY 2100 History of the Earth and Life 3
GLY 2160 Geology of the National Parks 3
HSC 3541 Human Structure and Function 3

UNIVERSITY OF SOUTH FLORIDA - 2006/2007 UNDERGRADUATE CATALOG

USF St. Petersburg 275
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**HISTORICAL PERSPECTIVE**

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**FINE ARTS**

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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 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 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 Major 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 as 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 completed with USF courses.

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 credits varies by major.

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. These courses also meet the Gordon Rule Communications requirement. 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)
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<td>NGR 6080</td>
<td>Family and Population-Based Health Promotion</td>
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<td>NGR 6121</td>
<td>Theoretical Foundations and Professional Role Development</td>
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<td>NGR 6135</td>
<td>Ethical, Legal, and Policy Issues in Advanced Nursing Practice</td>
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<td>NUR 3826</td>
<td>Ethical Legal Aspects in Nursing and Health Care</td>
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<td>NUR 4097</td>
<td>Introduction to Nursing Humanities</td>
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<td>NUR 4178</td>
<td>Complimentary and Alternative Therapies</td>
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<td>NUR 4194</td>
<td>An Interdisciplinary Perspective in HIV Disease</td>
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<td>NUR 4195</td>
<td>Issues in Advanced Illness, Dying and Death</td>
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<td>NUR 4330</td>
<td>Classroom Management of Children with Acute and Chronic Conditions</td>
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<td>NUR 4397</td>
<td>Strategies to Reduce Child and Adolescent Health Disparities</td>
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<td>NUR 4636</td>
<td>Community/Public Health: Population- Focused Nursing</td>
<td>3</td>
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NUR 4645 Substance Abuse Across the Lifespan - 6A
NUR 4615 Cultural Diversity in Health and Issues - 6A
PAD 4144 Nonprofit Organizations and Public Policy - 6A
PET 3252 Issues in Sport - 6A
PHH 4600 Contemporary Philosophy - 6A
PHH 4700 American Philosophy - 6A
PHI 4073 African Philosophy - 6A
PHI 4300 Theory of Knowledge - 6A
PHI 4320 Philosophy of Mind - 6A
PHI 4632 Feminist Ethics - 6A
PHI 4800 Aesthetics - 6A
PHM 4120 Major Black Thinkers - 6A
PHI 4000 Plato - 6A
PHP 4010 Aristotle - 6A
PHP 4740 The Rationalists - 6A
PHP 4745 The Empiricists - 6A
PHP 4788 Philosophy of Marxism - 6A
PHY 4031 Great Themes in Physics - 6A
PSY 4594 Women and Law II - 6A
POT 4661 The Politics of Identity, Difference and Inequality - 6A
PUP 4323 Women and Politics - 6A
REL 3114 Comedy, Tragedy, and Religion - 6A
REL 3146 Womanist Vision in Religion - 6A
REL 3191 Life After Death - 6A
REL 3280 Biblical Archaeology - 6A
REL 3303 Comparative Religion: Judaism and Islam - 6A
REL 3375 Issues in Caribbean Religions - 6A
REL 3466 Religion and the Meaning of Life - 6A
REL 3561 Roman Catholicism - 6A
REL 3602 Classics of Judaism - 6A
REL 3613 Modern Judaism - 6A
REL 4113 The Hero and Religion - 6A
REL 4133 Mormonism in America - 6A
REL 4171 Contemporary Christian Ethics - 6A
REL 4177 Comparative Religious Ethics - 6A
REL 4215 Ancient Israel and the Development of the Hebrew Bible - 6A
REL 4217 Who Wrote the Bible (Genesis-Kings) - 6A
REL 4218 Women and the Bible - 6A
REL 4626 Reason in Religion: Talmudic Logic - 6A
REL 4670 Judaism and Christianity After the Holocaust - 6A
RUS 3500 Russian Civilization - 6A
RUT 3110 Russian Classics in English - 6A
RUT 3111 Twentieth-Century Russian Literature in English - 6A
SCE 4236 Science, Technology, Society Interaction - 6A
SPA 4050 Introduction to the Clinical Process - 6A
SPC 4201 Oral Tradition - 6A
SPC 4632 Rhetoric and Social Change - 6A
SPC 4714 Communication, Culture and Community - 6A
SSE 4380 Global And Multicultural Perspectives in Education - 6A
SYA 4935 Senior Seminar - 6A
SYO 4430 Disability and Society - 6A
SYP 4434 Consumer Culture - 6A
THE 3110 Theatre History I - 6A
THE 3111 Theatre History II - 6A
THE 4174 New British Theatre and Drama - 6A
THE 4180 Theatre Origins - 6A
THE 4320 Theatre of Myth and Ritual/Northern European (950-1600) & Oriental (400-1200) - 6A
THE 4330 Shakespeare for The Theatre - 6A
THE 4401 American Drama - 6A
THE 4434 Caribbean Theatre - 6A
THE 4435 Theatre of Pluralism - 6A
THE 4562 Contemporary Performance Theory - 6A
WST 3225 Women, Environment and Gender - 6A
WST 4310 History of Feminism in the U.S. - 6A
WST 4350 Women and Science - 6A
WST 4502 Classics in Feminist Theory - 6A
ZOO 4512 Sociobiology - 6A

LITERATURE AND WRITING

AFS 3153 African Literature Survey - 6A
AML 3604 African American Literature - 6A
AML 4303 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
ECC 4008 Literacy in Early Childhood Education - 6A
EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues - 6A
FRT 3140 French Literary Masterpieces in English Translation - 6A
IDS 3668 Images of Contemporary Urban Culture - 6A
LA E 4414 Teaching Literature in the Elementary School, Grades K-6 - 6A
LA E 4416 Teaching Literature and Writing in the Elementary Grades - 6A
LA E 4464 Adolescent Literature for Middle and Secondary Students - 6A
LIT 3103 Great Literature of the World - 6A
LIT 3155 Modern Literature - 6A
LIT 3301 Cultural Studies and the Popular Arts - 6A
LIT 3383 The Image of Women in Literature - 6A
LIT 3451 Literature and the Occult - 6A
LIT 4386 British and American Literature by Women - 6A
NCR 6121 Theoretical Foundations and Professional Role Development - 6A
NUR 4194 An Interdisciplinary Perspective in HIV Disease - 6A
NUR 4645 Substance Abuse Across the Lifespan - 6A
PET 4933 Seminar in Sports Medicine - 6A
POT 4109 Politics and Literature - 6A
REL 3613 Modern Judaism - 6A
REL 4177 Comparative Religious Ethics - 6A
REL 4215 Ancient Israel and the Development of the Hebrew Bible - 6A
REL 4217 Who Wrote the Bible (Genesis-Kings) - 6A
REL 4218 Women and the Bible - 6A
REL 4670 Judaism and Christianity After the Holocaust - 6A
RUT 3110 Russian Classics in English - 6A
RUT 3111 Twentieth-Century Russian Literature in English - 6A
SYA 3310 Qualitative Inquiry - 6A
SYG 3235 Latina Lives - 6A
SYP 4420 Consumer Culture - 6A
THE 4174 New British Theatre and Drama - 6A
THE 4180 Theatre Origins - 6A
THE 4320 Theatre of Myth and Ritual/Northern European (950-1600) & Oriental (400-1200) - 6A
THE 4330 Shakespeare for The Theatre - 6A
THE 4360 The 19th Century Theatre Revolution - 6A
THE 4401 American Drama - 6A
THE 4434 Caribbean Theatre - 6A
THE 4435 Theatre of Pluralism - 6A
THE 4442 Comedy of The Classic And Neo-Classic Stage - 6A
THE 4562 Contemporary Performance Theory - 6A
WST 4262 Literature by Women of Color in the Diaspora - 6A

“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
- Classics & Classical Languages
- Communication
- English
- French
- German

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 3-8.
- Biology
- Chemistry
- Environmental Science
- Geology

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
- Anthropology
- Communication Sciences and Disorders
- Criminology
- Economics
- Geography
- Gerontology

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
- Economics (Business)
- Finance
- General Business Administration

Disciplinary Cluster 5: Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical 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
- Art History
- Dance

Disciplinary Cluster 7: Education
- Behavior Disorders
- Business and Office Education
- Distributive Education
- Early Childhood Education
- Elementary Education
- English Education
- Foreign Languages 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 pending 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.

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 6A-10.30; 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 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)
Greek (New Testament)
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 also 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:
Anthropology (ANT) (B.A.)
Art (Graphic Design Concentration) (B.F.A.)
Criminology (CCJ) (B.A.)
Economics (ECO) (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.)
Psychology (PSY) (B.A.)

Journalism Sequence:
News Editorial
Magazine Writing
Visual Communications
Political Science (POL) (B.A.)

College of Business (B.A./B.S. option):
Accounting (ACC)
Economics (ECN)
Finance (FIN)
General Business (GBA)
Information Systems Management (ISM)
Management (MAN)
Marketing (MKT)

College of Education (B.A./B.S. option):
Elementary Education (BEE)
English Education (BEN)
Varying Exceptionalities (BVE)
Teacher for All Children Program
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. Courses used in the major may not apply to the minor.
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:
- Anthropology
- Criminology
- Economics
- English
- Environmental Science and Policy
- Geography
- History
- Mass Communications
- Political Science
- Psychology

College of Business:
- Accounting
- Economics
- Finance
- General Business (for non-business majors)
- 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.

Academic Learning Compacts
In accordance with the Board of Governors Policy Guideline #PG 05.02.15 each baccalaureate program develops and implements “Academic Learning Compacts.” The Academic Learning Compacts include concise statements of what program graduates will know and be able to do (i.e. the expected core student learning outcomes). Each Academic Learning Compact includes the following components:
- Identifies the expected core student learning outcomes for program graduates in the areas of:
  - Content/discipline knowledge and skills.
  - Critical thinking skills.

The Academic Learning Compacts are posted on each program’s USFSP website and will be provided to students when they begin their degree programs and are advised in their declared majors.

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 this 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 dean of the college 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...
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.

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:

1. File a separate request for certification for the minor in the department of the minor during the semester of graduation; and
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.

Application for Graduation
In order to graduate, a student must submit an application for the bachelor’s degree or associate of arts certificate to the Academic Advising Center. 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 or for the associate of arts degree is available from the Academic Advising Center. Inquiries concerning approval or denial of graduation should be made to the Academic Advising Center.

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, and doctoral 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 course requirements 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 upper level work at USF and have earned a grade point average of 3.50 or higher for all graded coursework attempted at USF. For those students in programs requiring multiple clinical experiences (such as Nursing and Education), a baccalaureate candidate must have completed at least 30 hours of graded upper level coursework and have earned a grade point average of 3.5 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 transferable 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 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 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. [For purposes of honors recognition at the commencement 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.]

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 and must complete the on-line application for commencement.

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. Phy. Ed. credits and university 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 to apply for a degree/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 institutions, 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) 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) and Rule 6C4-2.001, 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 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):

1. 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 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:

   English Composition with Essay ENC1101 & ENC 1102
   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 Testing (SVC 2060).

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>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>
</tbody>
</table>

* Plus satisfactory portfolio review.
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@extension.ufl.edu. Be sure to check out the home page: http://www.dcoe.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 computing the USF GPA.

International Affairs

Location/Phone: BAY 204 (727) 553-4067
Web site: http://www.spt.usf.edu/international

The Office of International Affairs provides leadership, advocacy, development, and support for all central and college-based international activities. The office works in collaboration with the colleges to promote international education, research, outreach, and service programs. The office 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

USFSP 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 USFSP can be found in partner universities abroad, and so students have a wide range of study options.

USFSP overseas programs are designed to appeal to a wide audience. Students in any discipline can find a program of study to provide the undergraduate or graduate degrees. Courses taken while abroad are awarded USFSP credit, 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 important sites, and opportunities to interact with local people. All include unparalleled opportunities for cultural immersion and in-depth insight into the host country.

USFSP study abroad programs range in length from one week (over winter or spring break) to a semester. A 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 USFSP 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 Admissions

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.

International Affairs has many administrative duties, including the issuance and maintenance of all visa documentation for foreign nationals at the University. International Affairs 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, International Affairs provides letters of enrollment and expenses, orientation, and immigration workshops. International students and scholars may also contact International Affairs to get information regarding St. Petersburg/Tampa Bay area activities, transportation, housing, tourist attractions, and how to obtain a Florida driver license.

DIVISION OF STUDENT AFFAIRS

The University of South Florida Staff 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 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 8 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 guidance for non-academic concerns, 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.

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designs and implements services and programs that challenge, support, and encourage student growth, empowerment, and success. The Division's programs provide 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 Vice Regional Chancellor 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 effect students' academic work: new student orientation, 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 or 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, student government, student organizations, student publications, intramural and recreation sports, and events of special interest.

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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 at the University web site http://www.spt.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: TER 200, Voice: (727) 553-4837
Florida Relay System for Hearing Impaired Dial 711
Office Hours: Monday through Thursday 8 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 insure 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 TER 200, (727) 553-4837, 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 accommodation. 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 8 a.m. – 6 p.m., and Friday 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, 8:00 a.m. - 6:00 p.m. and on Fridays from 8 a.m. - 5 p.m.

USF St. Petersburg will open its first student residential facility in fall, 2006. Residence Hall One will house 95 apartment-style suites within its seven-story footprint. The residence hall will contain four person apartments and two person double bedroom suites. The residence life program was developed to emphasize student learning and development, in a safe, secure, and health living-learning environment.

Volunteer Services
Location/phone: TER 200, (727) 553-4837.
Office Hours: Monday through Thursday 9 a.m. – 6 p.m., and Friday 8 a.m. – 5 p.m.

The University believes that an important ingredient in student learning is engaging in community service either as volunteers or as academic service-learners. The Volunteer Service program in Student Affairs, TER 200, 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.

Multicultural Affairs
Office Hours: Monday through Thursday, 8:00 a.m. – 6 p.m., and Friday 8:00 a.m. – 5:00 p.m.

The Multicultural Center supports and enhances the University’s commitment to providing students with the requisite educational, social and personal skills to live in today’s global society. Its programs and activities focus on developing students into citizens who are culturally aware, tolerant and accepting of others who may be different from themselves.

Student Development

Counseling & Career Center
Location/phone: BAY 119, (727) 553-4129.
Office Hours: Monday through Thursday, 8:00 a.m. – 6:00 p.m., Friday 8:00 a.m. – 5:00 p.m.

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 727-553-4129 or stop by BAY 119.

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, establish 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 substance abuse or dependency issues. 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 university services.

Crisis Counseling Services
Although appointments for counseling sessions 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 and on our website: http://www1.stp.usf.edu/studentdev/CC/index.htm.

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 through 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, 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
Pinellas Hotline
(727) 562-1542
or
(727) 562-1211

Career Development Services
The Center offers a full range of services for students to assist with planning and achieving career goals and with making the transition from college to professional employment. These services include: listing of job opportunities, resume development assistance, co-op program, workshops, and career fairs.

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
Internships are typically one semester long and are supervised work 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 integrates 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 available to students. Both types are intended to give 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 integrates 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 Health Educator provides confidential 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 and other campus locations. The Health Educator also provides fitness assessments and workshops to the campus community. 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. All Health and Wellness Services, except for immunization clinics and health insurance services are free to USFSP students.

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 $40.

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 USF Tampa Health Center (974-2331) 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 textbook 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 (BAY 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 RUBEELLA (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 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 (727) 553-4124.

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 organizations. The Department consists of the Fitness Center, Recreation and Intramurals, Student Activities, the Waterfront, New Student Orientation, Student Publications, and Facility Reservation Services.

Honor Societies

Honor Societies recognize outstanding students for their scholastic or service achievements. Membership in honor organizations is usually by invitation. Honor Societies include Omicron Delta Kappa: Psi Chi.

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.

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, Bayboros Sailing Club, Campus Crusade for Christ, Campus Women’s Collective, Criminology Student Association, Fraternity Association of Chinese Students and Scholars, Gay and Lesbian Awareness (GALA), Geography Club, Harborside Activities Board, Law Society, Lux Mundi: Catholic Student Association, Management Information Systems, Marine Science Advisory Committee, NAACP, National Security & Defense Research Association, Psychology Science Club, Student Business Organization, Student Education Association, Student Environment Awareness Group, Student Government and Young Democrats.

Student Publications

Location/Phone CAC128A, (727) 553-4113

The student newspaper for USF St. Petersburg, The Crow’s Nest, is a 5-column tabloid published weekly. The newspaper provides experience for those students interested in print journalism, advertising sales, graphic design, and marketing.

Xtra Ed. Program

These are programs and activities 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 programs that develop special interests and expand experience.

Campus Activities Center (CAC)
Phone: (727) 553-4596
Hours: Monday – Thursday 6:00 a.m. - 10:00 p.m., Friday, 6:00 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 Activities Board, New Student Orientation, Student Life, Reservation Services, Student Govern-
ment, and student organization workspace. Services within the CAC include: athletic and recreation equipment use, copy services, facility reservations, faxing services, information distribution, laminating services, tickets, typewriter use, and vending machine refunds.

**Campus Fitness Center**
Location/Phone  CAC, (727) 553-4589
Hours: Monday – Thursday 8:00 a.m. – 5:00 p.m., Friday, 8:00 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, aerobics, and other fitness classes.

**New Student Orientation**
Location/Phone  CAC 130B, (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) 553-4589 or 553-4597
Monday – Thursday 8:00 a.m. – 5:00 p.m.
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 Life Office is working to increase participation and organize intramural play. Recreational equipment is available for check-out at the Waterfront Office or CAC.

**Swimming Pool**
Location/Phone  COQ 108, (727) 553-4597
Hours: Sunday – Saturday 11:00 a.m. – 7:00 p.m.
Lap Swim: Monday – Friday 6:00 a.m. – 9:00 a.m.
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 can be set up in the shallow end.

**Waterfront**
Location/Phone  COQ 108, (727) 553-4597
Hours: Monday – Friday 8:00 a.m. – 5:00 p.m.
Saturday – Sunday, 11:00 a.m. – 5:00 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.

**Commencement and Graduation Celebration**
USF St. Petersburg schedules two Commencement Conventions for USF graduates each year (Spring and Fall). USF St. Petersburg graduates may also choose to attend any one of the USF campus ceremonies.

After students have applied for their degree, early in the semester in which they intend to graduate, candidates will receive from the Tampa Office of Public Ceremonies, a postcard directing them to the commencement webpage for specific information about commencement ceremonies on the four USF campuses.

Beginning in Spring of 2002 students may register to participate in the ceremony online.

USF St. Petersburg
http://www1.stp.usf.edu/saffairs/commence

USF Tampa
http://www.usf.edu/commencement

USF Sarasota http://www.sarasota.usf.edu

USF Lakeland http://www.lklnmd.usf.edu/newsletter/springcommencement

Each of the websites will answer many of your questions with respect to your participation in the ceremony including cap and gown ordering, getting your diploma, honors and international sashes, deadlines, senior week, what to wear and more! Please read this information carefully and completely. Details and deadlines differ from campus to campus.

USF St. Petersburg summer graduates may participate in the summer ceremony at USF Tampa or can participate in the fall ceremony at USF St. Petersburg.

For further explanation or information, please contact: imaczis@spadmin.usf.edu

Ceremony registrants will also receive an invitation to the Graduation Celebration. The celebration is open to all Graduates, their family and friends and is at the Campus Activities Center immediately following the commencement ceremony. Hope to see you there!

This is an exciting time for all our graduates and our goal is to make your graduation from the University of South Florida a wonderful memory.

**OTHER CAMPUS SERVICES**

**Student Assessment and Research**
In an effort to collect data on students' perceptions of campus life and programs and services, the Division of Student Affairs has implemented a student assessment and research program. The goal of the program is to develop a comprehensive longitudinal database on student interests, needs, aspirations, attitudes and engagement in university life. This information will be a valuable resource for learning more about our students, for identifying emerging issues on campus, and for informing the development and modification of our strategic plan in the areas of teaching and learning in and outside the classroom. The program will use both in-house surveys and participation in two national assessment programs, the National Survey of Student Engagement (NSSE) and the Cooperative Institutional Research Program (CIRP).

**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 presen-
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 vending 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

The USFCard is the official I.D. card of the University of South Florida. Articulate 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.

University Bookstores
The on-campus bookstore is operated by the Barnes and Noble. 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. Peters-
burg, (727) 553-1141

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 cloth-
ing, 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. Peters-
burg 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 sales representatives come on campus at various times throughout the year.

Campus Dining Services
Bayboro Café
Location/Phone: Coquina Hall 102, (727) 897-9190

The Bayboro Café 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 Café 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 vending 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 bases 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 frameworks 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.stpt.usf.edu/coas/index.htm. Information regarding advising, admission to the College, graduation requirements, special programs, and depart-
ments 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 undergraduate student-related acad-
emica 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 a.m. - 6 p.m. Monday – Thursday and 8 a.m. - 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 “Depart-
ments 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 an Environmental Science degree must plan their courses carefully because of the sequential nature of the science curricula.

Information on admission criteria, departments, majors, pro-
grams, 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.stpt.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 two undergraduate degrees: Bachelor of Arts or Bachelor of Science.

IT IS EACH STUDENT’S RESPONSIBILITY TO MEET GRADUATION REQUIREMENTS:

1. Complete at least 120 accepted semester hours, 124 for GRADUATION REQUIREMENTS:

2. Maintain major gpa of 2.000. Note: In English and Mass Communications students must have a 2.50 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

Exit Requirements (9) hours credit

- Six (6) hours credit in Major Works and Major Issues
- Three (3) hours credit in Major Issues

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 courses 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.)

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. 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 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 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.)

Anthropology (ANT)
Art - Graphic Design
Criminology (CCJ)
Economics (ECN)
English
English and American Literature (LIT)
Professional and Technical Writing (CWT)
Geography (GPY)
Government and International Affairs
Political Science (POL)
History (HTY)
Interdisciplinary Social Sciences (ISS)
Mass Communications
Journalism/Magazine Concentration (MAG)
News Editorial Concentration (JOU)
Visual Communications Concentration (VIC)
Psychology (PSY)

BACHELOR OF FINE ARTS (B.F.A.)
Art – Graphic Design Concentration

BACHELOR OF SCIENCE (B.S.)
Environmental Science and Policy (ESP)
II. Additions to the Art Foundation requirements:

**Concepts and Practices I or II must be used to satisfy the General Education Fine Arts Perspectives requirement if the student is to remain within 120 hours for the degree.**

Students must meet all art prerequisites above with a minimum grade point average of 3.25 or above.

The following courses are necessary for completing a B.F.A. degree in Studio Art with a Concentration in Graphic Design:

I. Art Foundations (Prerequisites)

ARH 2050 History of Visual Arts I* (3)
ARH 2051 History of Visual Arts II* (3)
ART 2201C Concepts and Practices I** (3)
ART 2203C Concepts and Practices II** (3)
ART 2300C Beginning Drawing (3)
ART 3301C Intermediate Drawing (3)
2000 level Studio Elective (3)

Total 21 hours

Students must meet all art prerequisites above with a minimum grade point average of 3.25 or above.

*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.

**Concepts and Practices 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 courses the areas of Computer Language and/or Media (3)

III. Fall Semester

GRA 2206C Typography (3)
VIC 3001 Intro to Visual Communications (3)
GRA 3110 Graphic Design I (3)
GRA 3735 Multimedia Systems I (3)
ARH 4430 19th Century Art (4)

Total 16 hours

IV. Spring Semester

GRA 3104 Computer Graphics (3)
PGY 3801C Digital Media I (3)
ART 4925 Media Workshop: Design Production (3)
ARH 4724 History of Graphic Design (4)
Support Course (XMW) (3)

Total 16 hours

V. Fall Semester

PGY 4802C Digital Media II (3)
ART 4684C Visual Designs for the Internet (3)
ART 4930C Graphic Design: Senior Studio (3)
ARH 4450 20th Century Art (4)
Support Course (XMW) (3)

Total 16 hours

VI. Spring Semester

ART 4955C Senior Project: Portfolio (3)
GRA 4945 Professional Practicum (3)
ART 4940 Internship (2)
ARH Art History Course (XMW) (3)

Total 12 hours

Total Total Semester Hours for the B.F.A. degree in Art Studio with a Concentration in Graphic Design:

General Education* (24)
Exit Requirements** (3 cr. included in program) (6)
Art Requirements (87)
Elective Credits (3)

TOTAL 120 HOURS

*Please note that 12 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 3 hours of the Exit requirement must be an art history course which is also used to fulfill the major. This ensures that the required total of 9 exit hours is satisfied within the 120 hours.

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.

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.

Students may also concentrate their studies in anthropology by choosing this as one of the two cognate disciplines required for Interdisciplinary Studies (ISS) Majors. This allows students to take introductory and advanced anthropology courses and combine them with a second cognate discipline and a specific set of ISS courses.

Further information about the major, new courses, and the Anthropology faculty can be found on the web at: http://www.spt.usf.edu/arthurj/STPTANTHRO/sptanthropology.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 transferring 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

Required Core Courses
ANT 2410 Cultural Anthropology (3)
ANT 2511 Biological Anthropology (3)
ANT 3101 Archaeology (3)
ANT 3610 Anthropological Linguistics (3)
ANT 4034 Theories of Culture (3)
ANT 4935 Rethinking Anthropology (3)

In order to graduate, students must maintain an average best attempt 2.5 GPA in all courses counted toward the major. In addition, students must have a minimum C (2.0) grade in all classes that count toward the major, including specifically required classes and electives. A C- grade is not acceptable. ANT 2000, although suggested, is not a prerequisite to intermediate level courses. ANT 2000 may, however, be included in the 36 credit hour major requirement. Students who have not taken ANT 2000 must make up the missing hours with Anthropology elective coursework.

Area Electives

Archaeology
ANT 4142 Old World Archaeology (3)
ANT 4143 European Archaeology (3)
ANT 4147 Environmental Archaeology (3)
ANT 4153 North American Archaeology (3)
ANT 4158 Florida Archaeology (4)

ANT 4165 South American Archaeology (3)
ANT 4163 Mesoamerican Archaeology (3)
ANT 4172 Historical Archaeology (3)
ANT 4180 Laboratory Methods in Archaeology (2-4)
ANT 4181 Museum Methods (4)
ANT 4183C Archaeological Science (4)
ANT 4195 Fantastic Archeology (3)
ANT 4824 Archaeological Field Methods (4-12)

Biological Anthropology
ANT 4520 Forensic Anthropology (4)
ANT 4586 Prehistoric Human Evolution (3)
ANT 4587 Human Variation (3)

Anthropological Linguistics
ANT 4620 Language and Culture (3)
ANT 4750 Language and Social Interaction (3)

Cultural Anthropology
ANT 4231 Folklore (3)
ANT 4241 Magic and Religion (3)
ANT 4285 Oral History (3)
ANT 4302 Gender in Cross-Cultural Perspective (3)
ANT 4312 North American Indians (3)
ANT 4316 Ethnic Diversity in the United States (3)
ANT 4323 Mexico and Central America (3)
ANT 4340 The Caribbean (3)
ANT 4390 Visual Anthropology (3)
ANT 4432 The Individual and Culture (3)
ANT 4442 Urban Life and Culture (3)
ANT 4462 Health, Illness, and Culture (3)
ANT 4495 Methods in Cultural Research (3)
ANT 4701 Applied Anthropology (3)

Methods
ANT 4180 Lab Methods in Archaeology (2-4)
ANT 4181 Museum Methods (4)
ANT 4183C Archaeological Science (4)
ANT 4285 Oral History (3)
ANT 4390 Visual Anthropology (3)
ANT 4495 Methods in Cultural Research (3)
ANT 4520C Forensic Anthropology (4)
ANT 4824 Archaeological Field Methods (4-12)

Special Topics
ANT 4930 Special Topics (3)

Depending upon the specific topic, this may count toward any of the subdivisions and/or the methods requirement.

Anthropology majors are urged to become competent readers and speakers of at least one 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 all 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, 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 an advisor to create the most beneficial set of courses. ANT 2000, although suggested, is not a prerequisite to subsequent courses, although it may be included in the 18 credits required for the minor.
1. Intermediate-level core courses (3-6 credit hours)
   - ANT 2410 Cultural Anthropology
   - ANT 2511 Biological Anthropology
   - ANT 3101 Archaeology
   - ANT 3610 Anthropological Linguistics
2. 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 Interdisciplinary Studies (ISS) Anthropology Cognate

In addition to the required ISS courses and those from another cognate discipline, the Anthropology Cognate is completed by taking either ANT 2000 or ANT 2410 and three additional ANT courses for major credit at the upper level. Students are expected to consult with the Anthropology Program director to select the most appropriate set of Anthropology electives relevant to their broader ISS major. See the ISS major in this catalog for further information.

- **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, juvenile justice 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. 24 semester hours of electives within 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 3621
   - 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

ECO X023 Economic Principles: Microeconomics

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
- ECO 3203 Intermediate Macroeconomics (3)
- QMB 2100 Business and Economic Statistics I (3)
- QMB 3200 Business and Economics 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.

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 I
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 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 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
   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 4300 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 3031 Survey of Poetry
LIT 3043 Modern Drama
LIT 3093 Contemporary Literature
LIT 3144 Modern European Novel
LIT 3374 Bible as Literature
LIT 4110 Religious and Existential Themes
LIT 4930 Selected Topics in English Studies

4. ENG 4013 Literary Criticism (Required for Literature majors)

**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 courses (15 hours) as follows:
   - Five of the following:
     - CRW 2100 Narration and Description
     - ENC 2210 Technical Writing
     - ENC 3250 Professional Writing
     - ENC 3310 Expository Writing
     - ENC 4260 Advanced Technical Writing
     - ENC 4311 Advanced Composition
     - ENC 4931 Selected Topics in Professional and Technical Writing

2. **Literature requirements:** Seven courses (21 hours) as follows:
   - 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 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 1780-1800
   - 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.**

**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 3250 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**

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**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 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.

2. **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.

3. **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.

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 student must meet 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 before his/her graduation from the university.

**The Honors Committee will disqualify any student from the program who does not complete the Honors seminars with at least a 3.3 GPA.**

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**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, one semester of calculus, 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 8-7 courses that allow them to sub-specialize in science or in policy. Students choosing to specialize in science take a second semester of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to 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. The Department Advisor advises ESP majors. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

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.

BSC 2010, 2010L & BSC 2011, 2011L Biology I and II with lab 8
and
CHM 2045 & CHM 2045L General Chemistry & Lab 4
CHM 2046 & CHM 2046L General Chemistry II & Lab 4
plus
STA 2023 Statistics 3
One approved Geology or Physics Course with Lab 4
and either
MAC 2241 Life Sciences Calculus 4
or
MAC 2281 Engineering Calculus 4
or
MAC 2311 Calculus 3
A second semester of calculus is only required of students pursuing the ESP-Science concentration. Students may choose among:
MAC 2241 Life Sciences Calculus 4
or
MAC 2281 Engineering Calculus 4

The Department Advisor advises ESP majors. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Requirements for the Major in Environmental Science and Policy

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
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2111 Biology II
BSC 2111L Biology Lab II
MAC 2241 Life Science Calculus
or
MAC 2281 Engineering Calculus
or
MAC 2311 Calculus
CHM 2045 General Chemistry I
CHM 2045L Chemistry Lab I
CHM 2046 General Chemistry II
CHM 2046L Chemistry Lab II
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics
EVR 4910 ESP Project
or
EVR 4940 ESP Internship

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 2242 Life Sciences Calculus II
or
MAC 2282 Engineering Calculus II
or
MAC 2312 Calculus II
and
CHM 2210 Organic Chemistry
CHM 2210L Organic Chemistry Lab

Policy Track
ECP 3302 Environmental Economics
POS 3697 Environmental Law

Science Track
MAC 2242 OR MAC 2282 OR 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 3902 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
- GEVA 3006 Environmental Law
- Plus four approved policy-related electives.

Please contact the Department office for a current list of electives under this category.

• GEOGRAPHY (GPY)

The degree program in Geography consists of 11 courses (41 hours total), 7 of which are core courses required of all majors, and four of which are electives chosen by the student. Upper level electives offer applied and techniques orientations for students, depending on their interests, to complement the core course structure for the major. Electives in physical geography focus on major environmental systems including the hydrosphere, atmosphere, geosphere, and biosphere. Particular emphasis is placed on the human modification of the natural environment and the global interconnections of the major earth systems. Electives in human and urban geography focus 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. Students are encouraged to seek assistance with the choice of electives through the department undergraduate advisor.

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.

Two introductory courses in Geography with GEO prefix must be completed:

GEO XXXX 3
GEO XXXX 3

Major Course Requirements

A major in Geography consists of 11 courses as follows:

Required core courses (7 courses + lab):

GEO 2200 Intro to Physical Geography (3)

Supporting Courses (4 courses):

- GEO 3602 Urban Geography (4)
- GEO 4414C Geographic Techniques & Methodology (4)
- GEO 4204C Topics in Physical Geography (4)
- GEO 4210 Process Geomorphology (4)
- GEO 4244 Tropical Meteorology (4)
- GEO 4265 Soil Genesis and Classification (4)
- GEO 4280C Hydrology (4)
- GEO 4287 Water Resources Management (4)
- GEO 3400 Biogeography (4)
- GEO 4300 Environmental Ethics (4)
- GEO 4340 Natural Hazards (4)
- GEO 4372 Global Conservation (4)
- GEO 4421 Cultural Geography (4)
- GEO 4471 Political Geography (4)
- GEO 4502 Economic Geography (4)
- GEO 4604 Topics in Urban Geography (4)
- GEO 4700 Transportation Geography (4)
- GIS 4035C Remote Sensing of the Environment (4)
- MET 4002 Climatology (4)
- MET 4010C Meteorology (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)

Minimum Requirements for Major

Students must earn a C- or better in all major course work. Only D and F grades earned in major course work will be used in calculating the major GPA, except where removed by grade forgiveness. Students must maintain a minimum 2.0 major GPA in order to graduate.

Requirements for the Minor in Geography

A minor in Geography consists of 20 credit hours, with a minimum grade-point average of 2.0. The required courses are:

1. GEO 2200 (3)
2. GEO 3013L (1)
3. GEO 3402 (4)

One GEA elective (4) and two upper level (3000-5000 level) GEO, MET or URP electives (8).

Students may not apply upper level Geography electives to the Geography minor if these electives are being used to satisfy their major requirements.

• GOVERNMENT & INTERNATIONAL AFFAIRS (INT/POL/PAD)

The program in Government and International Affairs includes the study of Political Science. Its goal is to provide students the opportunity to study the nature of government, political administration at the local, national, and international 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 International 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 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 must 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)
- 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)

Field II Comparative Government and Politics

- CPO 4034 (3)
- CPO 4930 (3)
- CPO 4934 (3)

Field III International Relations

- INR 3102 (3)
- INR 3370 (3)
- INR 4403 (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)
- POS 3145 (3)
- POS 5155 (3)
- PUP 4534 (3)
- UR 4505 (3)

Field VI Public Policy

- INR 3102 (3)
- INR 4334 (3)
- POS 3145 (3)
- PUP 4002 (3)
- PUP 4007 (3)
- PUP 4203 (3)
- PUP 4323 (3)
- PUP 4534 (3)
- PUP 5607 (3)

UR 4505 (3)

Field VII Law and Politics

- INR 4403 (3)
- POS 3691 (3)
- POS 4624 (3)
- POS 3283 (3)
- POS 4614 (3)
- POS 4693 (3)

The following courses are not included within any of the seven fields, but may still be used as elective hours:

- PAD 3003 (3)
- POS 4936 (3)
- PAD 4204 (3)
- POS 4941 (3)
- POS 4905 (1-3)
- POS 4970 (3)
- POS 4910 (1-3)
- POS 3931 (3)
- POT 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 POS 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 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/she begins writing;

b) students need two thesis 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.
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 Pre-Law Plan is available to students of all majors. The courses making up the field are of particular interest to law-oriented students, but may be taken by others as well. Those following the pre-law plan are recommended 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 undergraduate 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 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)
EHU 1000 World Civilization I (3)
EHU 1101 World Civilization II (3)
POS 2112 State and Local Government (3)
SPC 2600 Public Speaking (3)

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 2002 Introduction to International Relations
CPO 2002 Introduction to Comparative Politics
INR 3310 American Foreign Policy

In addition, Political Science offers the following upper-level courses:
CPO 4034 Politics of Developing Areas
CPO 4930 Comparative Politics of Selected Areas
INR 4334 Foreign Policy
INR 4405 International Political Economy
INR 4403 International Law
INR 4502 International Organizations
CPO 5934 Selected Topics in Comparative Politics
INR 5086 Issues in International Relations

Students desiring careers 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.

• 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 36 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 36-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 24 hours of course work from the 3000-4000 level is required to fulfill the 36-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 16 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 18-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.

One 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)
- **AMH 2020 American History II** (3)
- **ANT 2000 Introduction to Anthropology** (3)
- **ECO 2013 Economic Principles** (3)
- **ECO 2023 Economic Principles** (3)
- **GEA 2000 World Regional Geography** (4)
- **POS 2041 American National Government** (3)

POS 2112 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 (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
- Interpreter Training
- Latin American Studies
- Library and Information Science
- Multidisciplinary Behavioral Sciences
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Social Work
- Sociology
- Women’s Studies

- **MASS COMMUNICATIONS/JOURNALISM (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 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.

 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 a combination of required and selective sequence 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 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 courses may be applied toward the bachelor’s degree within the 124-hour graduation requirement. Mass Communications majors taking more than 44 hours of Mass Communications 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 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.

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, if 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)

English Language Proficiency Test, with a score of at least 70 percent, which is the same score required for the successful completion of MMC 2100 at USF.)

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. **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

   or

   - PGY 3610 Photojournalism I

   Selective Requirements (10 hours required, selected with advisor’s approval)

   **Other Requirements:** The following courses are required outside the School to complete sequence requirements:

   - ECO 1000 Basic Economics
   - PHI 1103 Critical Thinking
   - POS 2041 American National Government
   - POS 2112 State and Local Government and Politics
   - POS 3142 Intro to Urban Politics & Government
   - SYG 2010 Contemporary Social Problems

   Magazine Option

   - JOU 2100 Beginning Reporting
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 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.

1. 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
- PSY 2012 Psychological Science I (if not already taken)
- PSY 3204 Psychological Statistics
- PSY 3213, where a C or better is required. All major course prerequisites must be met. A grade of "D" or "F" will not be counted toward a mass communication minor and a 2.5 grade point average in all minor coursework must be maintained. All minor hours must be completed at USF.

2. Methods Course Requirement (7 semester hours)

   - PSY 2012 Psychological Science I (if not already taken at the community college)
   - PSY 3204 Psychological Statistics
   - PSY 3213 Research Methods

   An advisor-approved 6-hour concentration or
   - ECO 1000 Basic Economics
   - SYG 2010 Contemporary Social Problems

### 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)
- or another methods course approved by the undergraduate advisor in Psychology.

#### Other Requirements: The following courses are required outside the School to complete the sequence requirements:

- ECO 1000 Basic Economics
- CRW 2100 Narration and Description
- PHI 1103 Critical Thinking
- POS 2041 American National Government
- POS 2112 State and Local Government and Politics
- or
- POS 3142 Intro to Urban Politics and Government
- SYG 2010 Contemporary Social Problems

### Visual Communications Option

- JOU 3101 Advanced Reporting
- JOU 3308 Magazine Article and Feature Writing
- JOU 4200 News Editing I
- JOU 4212 Magazine Design and Production

### MMC 4200 Communications Law

- MMC 4203 Media Ethics
- MMC 4420 Research Methods

#### Selective Requirements (7 hours required, selected with advisor's approval)

- PJY 3610 Photojournalism I
- VIC 3001 Introduction to Visual Communications
- VIC 3943 Visual Communications Practicum

### Requirements for the Minor in Mass Communications

1. 2000/3000 Level Requirement (6 semester hours)

2. 4000 Level Requirement (21 semester hours)

3. 5000 Level Requirement (3 semester hours)

#### Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)

2. Methods Course Requirement (7 semester hours)

3. 4000 Level Requirement (21 semester hours)
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 3204 (or other qualifying statistics course) and PSY 3213, not “C-”. For students minorin in Psychology, a grade of “C” or better in any college-level statistics course will substitute for 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, and any four 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. Admissions 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 Analyst. 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.

STUDENT ORGANIZATIONS IN THE COLLEGE OF ARTS AND SCIENCES

Alpha Phi Sigma - Alpha Phi Sigma is the National Honor Society in Criminal Justice and Criminology, founded in 1942 for the purpose of promoting academic excellence in order to make the criminal justice system and its practitioners more effective and ethical. Membership in the Chi Sigma Mu chapter at USFSP is open to students who display excellence in the study of criminology. Alpha Phi Sigma is a member of the Association of College Honor Societies and is an affiliate of the Academy of Criminal Justice Sciences.

Anthropology Club - The goals of the club are 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/rlewel/index.htm

Arts and Sciences Honor Society - The Honor Society recognizes 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).

Criminology Student Association - This association allows students to gain a better understanding of the criminal justice system and introduces students interested in criminology to potential employers in the area. The association aims to promote professional, academic and public awareness of criminal justice issues.

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.

USFSP Psychological Science Organization - This unique student organization was created to provide a career and postgraduate preparatory network to USFSP psychology majors, and to provide information about relevant on-campus psychology matters to non-majors. Operating as an information clearinghouse, through the media of meetings, social events, and published documents, the Psychological Science Organization strives to facilitate networking and academic involvement. Membership is open to anyone having interest and involvement in the activities of the organization, and our faculty strongly encourages all USFSP students majoring or planning to major in psychology to become active members.

ARTS AND SCIENCES FACULTY

Anthropology
Professor: J. Sokolovsky, Assistant Professor: J. Arthur; Visiting Assistant Professor: K. Weedman.

Art
Associate Professor: J. Spadaro; Assistant Professors: D. Angello, S. Bundrick.
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.

Criminology
Assistant Professors: D. Cecil, W. Rueffle; Visiting Instructor: J. Davis, L. Holland-Davis.

English

Environmental Science and Policy
Professors: C. D’Elia, J. Gore; Associate Professors: R. Johns, M. Riedinger-Whitmore; Assistant Professors: D. Cassill, K. Carvalho-Knighton, B. Dixon, J. Krest, D. Mustafa, D. Smoak, T. Smucker; Visiting Assistant Professor: E. Steimle.

Florida Studies
Professors: R. Aresault, G. Mormino

Geography
Associate Professor: R. Johns; Assistant Professors: B. Dixon, D. Mustafa, T. Smucker.

Government and International Affairs
Professors: A. Njoh, D. Paulson; Associate Professor: T. Smith; Assistant Professor: J. Scoutfield-McLauchlan; Visiting Assistant Professor: P. Wesselink.

History
Professor: R. Aresault, D. Carr, G. Mormino; Associate Professor: S. Fernandez; Assistant Professor: J. Kessenides.

Interdisciplinary Social Sciences
Assistant Professors: C. Meindl, E. Schmidt; Instructor: V. Hilliard.

Mass Communications
Director: A. Silvia; Professors: D. Elliott, G. M. Killenberg, A. Silvia; Associate Professors: R. Dardenne, M. Walters; Assistant Professor: C. Koski; Visiting Assistant Professor: M. Fields.

Mathematics
Assistant Professor: TBA; Visiting Assistant Professor: R. Shumbusho.

Philosophy
Professor: H. LaFollette, Jr.

Psychology
Professor: V. M. Durand; Associate Professor: J. McHale; Assistant Professors: E. Ogdgaard, S. Partan, M. Pezzo, S. Toler.

Social Work
Assistant Professors: S. Allen, J. Cabness.

World Language Education
Assistant Professors: Y. Angulo-Cano, M. Fernandes.

COLLEGE 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, 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 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 Admission to 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 of 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 in each course and an overall 2.0 GPA:
      - 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 completion of all other state mandated common prerequisites for 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 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.
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.

Requirements for Admission to 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 of 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 in each course and an overall 2.0 GPA:
      - 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 completion of all other state mandated common prerequisites for 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 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.
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 USFSP Office of Admissions, BAY 102, (727) 553-4142 for information regarding course transferability and degree articulation.

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**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 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** 6

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
   - 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

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**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 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** 6

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
   - 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
Student Advising and Records
The Academic Advising Center (located in Davis Hall, DAV 134) 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 Office
St. Petersburg Campus: DAV 134, (727) 553-4511

Office Hours
St. Petersburg 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 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 taken 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.

*AGC 2021 & ACG 2071 can be substituted for ACG 3074.
**ECO 2013 & ECO 2023 can be substituted for ECO 1000.

- ACCOUNTING (ACC)
The objective of the baccalaureate degree in accounting is to develop responsible employees, professionals, and leaders through accounting education and multidisciplinary learning, research, and service in a global environment. Graduating accounting majors should demonstrate basic competencies in financial accounting and reporting, cost accounting, accounting information systems, taxation and auditing.

Students learn the knowledge and skills necessary to pursue careers in public accounting, auditing, taxation, corporate, government and non-profit organizations. The baccalaureate program also prepares students for continuing study in the USF St. Petersburg MBA Program or other venues designed to meet the Florida "5th year" education requirements necessary to sit for the CPA examination, as well as other professional certifications. For further information, please check the Program of Accountancy web site or contact any accounting faculty member.

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 24 hours of upper-level accounting courses, of which 18 credit hours must be taken in residence at USF. In addition to the State Mandated Common Prerequisites for admission to the College of Business Administration (or equivalents) with a grade of C or higher, students admitted to the School of Accountancy must successfully complete (with a grade of C, 2.0 or better) ACG 3103 and ACG 3341 before enrolling in other upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts will be considered continuation in the major. Those students who fail to meet the requirements to continue in this program will be counseled into other programs either in COBA or other colleges as appropriate. A grade of "C" or higher (not C-) is required in the 24 hour major courses plus a 2.0 GPA in all major course work at USF and an overall 2.0 GPA including transfer work.

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

Electives (9 hours selected from):
   - ACG 4123 Intermediate Financial Accounting III 3
   - ACG 4351 Cost Accounting and Control II 3
   - ACG 4642 Auditing II 3
   - ACG 4931 Selected Topics 3
   - ACG 5201 Advanced Financial Accounting 3
   - ACG 5501 Governmental/Not-for-Profit Accounting 3
   - ACG 5675 Internal and Operational Auditing 3
   - TAX 5015 Federal Taxation of Business Entities 3
   - 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 accepted as credit 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.

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 3401 Accounting Information Systems 3
4. TAX 4001 Concepts of Federal Income Taxation 3

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.

3. All 12 credit hours must be taken in residence at USF.

- ECONOMICS (ECN)

Wants are unlimited while resources are not. Individuals and firms in a variety of circumstances across the world face versions of this basic dilemma. The study of Economics provides students with logic and applications combine well with topics in other disciplines. Economics training enhances logical reasoning and analytical skills, skills that are useful in a wide variety of occupational fields in business and government. A degree in Economics is also excellent preparation for further study, especially in law or business. See an Economics faculty member or a campus advisor for more information.

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:

ECO 3101 Intermediate Price Theory or ECO 3100 Managerial Economics 3
ECO 3203 Intermediate Microeconomics 3

Total 6

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 4915. At least 12 hours must be taken in residence at USF. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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. Upper-level economics electives (may include QMB 3200) 12

Total Economics Hours 21

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 4915 may not be counted toward the minor.

4. At least 9 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 take courses in the following areas 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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, 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 4412 Working Capital Management
FIN 4443 Financial Policies and Strategies
FIN 4411 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 can minor in Finance. The requirements are
1. FIN 4504 Principles of Investments 3
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)

Information Systems (IS)
Success in today's fast paced business environment requires a solid understanding of information systems and the ability to use information technology to solve business problems. The Information Systems major provides students with an in-depth understanding of the many business applications of information and communication technologies, preparing them for careers in:
- programming
- business analysis
- systems development
- database or network administration
- systems support
- website development

Unlike many information technology programs, which are designed to develop only technical skills, the IS major focuses on the intersection of business and technology, developing graduates who are well-versed in the language of business, have strong communication skills, and know how to select, develop, implement, and manage new and emerging information technologies. Additionally, the IS major provides students seeking more general business careers with a set of highly marketable skills they can apply in any facet of business.

Management core courses in the IS degree program are designed to develop students' information technology skills as well as their understanding of how technology is used to support managerial decision making and transform business operations. A variety of electives enable students to choose an area of specialization, learn about global information systems, or further develop their technical 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 set of 5 required MIS courses and 2 approved MIS electives. MIS majors must earn a "C" or higher (not C-) in the five 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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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

Plus Approved MIS Electives** 9
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. 15-21
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 AND ORGANIZATION (MAN)

The undergraduate degree in Management prepares students for entry-level positions in general business and management, as well as human resources/organizational development positions and small business management. It also prepares students for graduate study in Business such as the MBA program. Management is a dynamic field that focuses on planning, organizing, and leading in business, non-profit and governmental organizations. Managing people in organizations involves behavioral concepts such as motivation, personality, teamwork, communication and leadership skills. Management is responsible for the triple bottom-line: financial profits, environmental good and social good. With a focus on people in organizations, managers develop the human capital of organizations. Motivating and developing an organization's workforce today requires attention to relationships with people inside and outside the organization, locally and across the world. The curriculum in management covers all aspects of management including: human resources development, organizational behavior theory, leadership, organizational development, negotiation, social issues in management, and strategic planning. Students leave this program knowing how to apply the latest ideas and concepts in management to organizational issues. Analytical skills, communication skills and leadership skills are developed in both classroom and assignment activities throughout the curriculum.

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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

Required Management Courses:
MAN 3240 Organizational Behavior Analysis 3
Additional upper-level management courses 15-21
Total 18-24
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. A grade point average of 2.0 or higher must be achieved in all major course work at USF and an overall 2.0 GPA including transfer work.

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
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 (IB)

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.

Business Minor/Concentration (12)

Students will choose a minor from the following disciplines:

Economics Marketing Information Systems
Finance Management

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 Minor 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.

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 4430: 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

Professors: J. A. Fellows; G. H. Lander; Assistant Professor: L. Mulig; Associate Professor: R. Brody; Instructors: S. P. Danese, J. F. Jewell; Visiting Instructor: N. Stowell, J. Stachan; Director of SRCR: D. Walker

Economics


Finance

Associate Professors: G. Patterson, T. Shank; Assistant Professor: W. Guan; Instructor: M. Schmidt; Visiting Instructor: L. Oddo.

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.

Management

Associate Professor: J. Gaines; Assistant Professors: C. Bean, D. Martin, M. Street; Associate Professor: S. Geiger; Instructor: B. Teague; Visiting Instructors: K. Boubot, J.A. Terry.

Marketing

Bank of America Professor of Corporate Social Responsibility: R. Hill; Associate Professor: K. Braunsberger; Assistant Professor: T. Ainscough, M. Luckett, P. Trocchia; Visiting Instructor: R. Langan.

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.spt.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.

Admission 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. (See “Liberal Arts Requirements” section of the catalog.) Note: Students should contact an academic advisor in EDU 106 to make certain they are enrolled in courses appropriate to their intended major.
3. Completion of all portions of the CLAST, PRAXIS I, or General Knowledge Test 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. 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:
Three (3) semester hours in Fine Arts

Three (3) semester hours in Philosophy

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 in EDU 106 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.)

Three (3) semester hours in 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.

**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</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>EDG 2031</td>
<td>History of Technology</td>
<td>3</td>
</tr>
<tr>
<td>EHI 2031</td>
<td>Ancient History I</td>
<td>3</td>
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<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>
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<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>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 2211</td>
<td>The Enjoyment of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2051</td>
<td>Folk and Traditional Music of World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2362</td>
<td>Music in the United States</td>
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<tr>
<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
<td>3</td>
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<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>

**Additional Criteria**

Additional criteria as may be established by each program. Credit requirements in each major include courses in the following categories: Professional Education Core, Teaching Specialization Preparation, and Liberal Arts Exit Requirements. 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.

**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, internships include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar, 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 General Knowledge Test) prior to final internship. This is strongly recommended and will be mandatory August 2007.
3. Documentation of passing scores on all portions of the Florida Teacher Certification Examinations (General Knowledge Test, Subject Area Exam and Professional Education).
4. 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.

5. The Elementary program requires completion of all professional education and specialization course work. The Special Education program requires completion of all profes-
College Requirements for Graduation from Teacher Education Programs

1. To be certified by the College of Education for graduation, a student must have earned a minimum of 120-semester hours credit.

2. Successful completion of all program requirements for ESOL endorsement.

3. A minimum overall USF grade-point average of 2.50 or a minimum USF GPA of 2.50 in teaching specialization courses.

4. Passing scores on the appropriate FTCE Subject Area and Professional Educator subtests prior to final internship.

5. Completing the required courses in a state-approved teacher education program (which includes general preparation, teaching specialization, and professional preparation).

6. A minimum of 8 credits in professional courses in addition to internship and 12 credits in specialization courses must have been earned at USF.

7. A minimum of 30 hours after admittance to an upper-level program.

Note: Normally, the college will recommend the granting of a Bachelor of Science (BS) degree which 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.

USF St. Petersburg students who are interested in SCATT should contact Dr. Margaret Hewitt, SCATT Advisor (727) 553-4531, or visit our website at www.stpt.usf.edu/coe/.

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>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Education</td>
<td>(BEE)</td>
</tr>
<tr>
<td>English Education</td>
<td>(BEN)</td>
</tr>
<tr>
<td>Varying Exceptionalities</td>
<td>(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.

Elementary Education with ESOL Endorsement

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.

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 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 the 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.

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) the three designated ESOL courses, with a minimum grade of 70% or better on all
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.
- EDF 2005 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
- Twelve (12) semester hours in mathematics to include college algebra or above and geometry
- 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 in DAV 134 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.)
- A minimum of 6 sh in the humanities, including 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.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

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 (30-32 credit hours):
- EDF 3122 Learning and the Developing Child 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- FLE 4316 Language Principles and Acquisition 3
- FLE 4317 Teaching Students with Limited English Proficiency 3
- EGD 4909 Directed Studies* 1

*Please see academic advisor for required directed studies courses.

Specialization (41 credit hours):
- EDE 4301 Classroom Management, School Safety, Ethics, Law, and Elementary Methods 3
- EDE 4941 Childhood Education Internship Level I 3
- EDE 4942 Childhood Education Internship Level II 6
- MAE 4310 Teaching Elementary School Mathematics II 3
- MAE 4326 Teaching Elementary School Mathematics I 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
- EDE 4223 Creative Experiences for the Child 3

**ENGLISH EDUCATION with ESOL Endorsement**

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.

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 Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) the three designated ESOL courses, 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 the first ESOL course; (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 portfolio, containing all assignments and test results from the three ESOL courses, 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 3
- EDE 4900 Internship 10-12

**Specialization (41 credit hours):**
- EDE 4301 Classroom Management, School Safety, Ethics, Law, and Elementary Methods 3
- EDE 4941 Childhood Education Internship Level I 3
- EDE 4942 Childhood Education Internship Level II 6
- LAE 4414 Teaching Writing in the Elementary School 3
- LAE 4417 Reading in the Elementary School 3
- EDF 4909 Directed Studies* 1

*Please see academic advisor for required directed studies courses.

Specialization (41 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 in the Elementary School 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
- EDE 4223 Creative Experiences for the Child 3

**ENGLISH EDUCATION with ESOL Endorsement**

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.

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 Elementary Education major graduates. The special requirements for ESOL endorsement through infusion are as follows: Successful completion of (1) the three designated ESOL courses, 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 the first ESOL course; (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 portfolio, containing all assignments and test results from the three ESOL courses, 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 3
- EDE 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
- Twelve (12) semester hours in mathematics to include college algebra or above and geometry
- 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 in DAV 134 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.)
- A minimum of 6 sh in the humanities, including 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.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

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 (30-32 credit hours):
- EDF 3122 Learning and the Developing Child 3
- EDF 3604 Social Foundations of Education (Exit) 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- FLE 4316 Language Principles and Acquisition 3
- FLE 4317 Teaching Students with Limited English Proficiency 3
- EGD 4909 Directed Studies* 1

*Please see academic advisor for required directed studies courses.
Specialization (21 credit hours):

- *Please see academic advisor for required directed studies

Professional Education (25 credit hours):

- **EDF 3604** Social Foundations of Education (Exit) 3
- **EDF 3122** Learning and the Developing Child 3
- **EDF 4450** Measurement for Teachers 3
- **EEX 4070** Integrating Exceptional Students in the Regular Classroom 3
- **FLE 4316** Language Principles and Acquisition 3
- **FLE 4317** Teaching LEP Students K-12 3
- **EDG 2701** Teaching Diverse Populations 3

Literacy Course

- **EDG 4909** Directed Studies* 3

Additional Specialization (24 credit hours):

- **LAE 4464** Adolescent Literature for Middle and Secondary Students (Exit) 3
  *(Must be taken with LAE 4335)*
- **LAE 4323** Methods of Teaching English: Middle School 3
  *(Must be taken with LAE 4344)*
- **LAE 4530** Methods of Teaching English: Practicum 3
  *(Must be taken with LAE 4335)*
- **LAE 4335** Methods of Teaching English: High School 3
  *(Must be taken with LAE 4530)*
- **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.

- **SPECIAL EDUCATION with ESOL Endorsement**

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.

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:

1. Successful completion of (1) the three designated ESOL courses, 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 the first ESOL course; (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 portfolio, containing all assignments and test results from the three ESOL courses, 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 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 in DAV 134 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.)**
- **A minimum of 6 sh in the humanities, including 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.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

**Professional Education Core (32-33 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
- 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 3
- FLE 4317 Teaching LEP Students K-12 3
- EEX 4940 Internship: Exceptional Student Education 9-10
- EEX 4936 Senior Seminar in Exceptional Student Education 1
- EDG 4909 Directed Studies* 1

*Please see academic advisor for required directed studies course.

**Area of Specialization**

**Exceptional Student Education**

Students seeking the B. S. degree with certification in Exceptional Student Education 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 Linking Literature Assessment to Instruction 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**

**Childhood Education**

Professor: V. Fuego; Associate Professors: G. Gayle-Evans, M. Hewitt, S. Micklo; Assistant Professor: C. Leung; Instructors: J. Fountain, G. Lightsey; Visiting Instructor: Z. Unal.

**Educational Measurement and Research**

Associate Professor: W. S. Lang.

**Psychological and Social Foundations**

Assistant Professors: L. Johnson, B. Jones, D. Michael.

**Secondary Education**

Associate Professor: J. Nutta; Instructor: J. Khattabi; Lecturer: C. A. Reeves.

**Special Education**

Professors: W. H. Heller, T. Rose; Associate Professors: M. Koorland, K. Stoddard; Assistant Professor: L. Dukes; Lecturer: B. Braun
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:

- **PR** Prerequisite
- **CI** With the consent of the instructor
- **CC** With the consent of the chairperson of the department or program
- **CR** Corequisite
- **Lec.** Lecture
- **Lab.** Laboratory
- **Dem.** Demonstration
- **Pro.** Problem
- **Dis.** Discussion

**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:

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Physical Education - Professional HLP, HSC, PEP, PEQ, PET
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Reading Education RED
Science Education SCE
Social Science Education SSE
Special Education EDG, EED, EEX, EGI, ELD, EMR, EPH

College of Engineering
Basic and Interdisciplinary Engineering EGN
Chemical Engineering ECH
Civil and Environmental Engineering CEG, CES, CGN, CWR, EMA, ENV, TTE
Computer Science & Engineering CAP, CDA, CEN, CIS, COP, CTI, EEL, ETI
Electrical Engineering EEL, ELR
Industrial and Management Systems EIN, ESI
Mechanical Engineering EAS, EML
Honors College Honors College IDH
College of Nursing Nursing HUN, NUR

College of Public Health
Public Health HSC

Undergraduate Studies
Aerospace Studies (Air Force ROTC) AFR
Cooperative Education IDS
Hospitality and Restaurant Management FSS, HFT
Information Technology CDA, CEN, CIS, COP, EEL
Military Science (Army ROTC) MIS
Naval Science (Navy ROTC) NSC

College of Visual and Performing Arts
Art ARH, ART, FIL, GRA, PGY
Art Education ARE, EDG
Dance DAA, DAE, DAN
Fine Arts Interdisciplinary IDS
Music MUC, MUE, MUG, MUH, MUL, MUN, MUO, MUS, MUT, MVB, MVI, MVK, MVP, MVS, MVV, MVW
Music Education MUE
Theatre THE, TPA, TPP

Listing Departments/Programs Alphabetically by Prefix

Course Prefix Department/Programs
ACG Accounting
ADE Adult Education
ADV Mass Communications
AFA Africana Studies, International Studies, Women's Studies
AFH Africana Studies, History
AFR Aerospace Studies (Air Force ROTC)
AFS Africana Studies
AMH Africana Studies, History, Women's Studies
AML Africana Studies, English
AMS Africana Studies, American Studies, Women's Studies
ANG Anthropology
ANT Africana Studies, Anthropology, Women's Studies
ARA Arabic (Language)
<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Code</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>EED</td>
<td>Special Education</td>
<td>ISM</td>
<td>Information Systems &amp; Decision Sciences</td>
</tr>
<tr>
<td>EEX</td>
<td>Special Education</td>
<td>ITA</td>
<td>Italian (Language)</td>
</tr>
<tr>
<td>EGI</td>
<td>Special Education</td>
<td>ITW</td>
<td>Italian (Language)</td>
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<tr>
<td>EGM</td>
<td>Civil &amp; Environmental Engineering</td>
<td>JOU</td>
<td>Mass Communications</td>
</tr>
<tr>
<td>EGN</td>
<td>Basic &amp; Interdisciplinary Engineering</td>
<td>JPN</td>
<td>Japanese (Language)</td>
</tr>
<tr>
<td>EGS</td>
<td>Interdisciplinary Engineering</td>
<td>LAE</td>
<td>Elementary Education, English Education</td>
</tr>
<tr>
<td>EIA</td>
<td>Industrial &amp; Technical Education</td>
<td>LAH</td>
<td>History</td>
</tr>
<tr>
<td>EIN</td>
<td>Industrial &amp; Management Systems Engineering</td>
<td>LAS</td>
<td>International Studies</td>
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<tr>
<td>EIT</td>
<td>Information Technology</td>
<td>LAT</td>
<td>Latin (Classics)</td>
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<tr>
<td>EIV</td>
<td>Industrial &amp; Technical Education</td>
<td>LIN</td>
<td>Linguistics</td>
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<tr>
<td>ELD</td>
<td>Special Education</td>
<td>LIS</td>
<td>Library and Information Science</td>
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<td>ELR</td>
<td>Electrical Engineering</td>
<td>LIT</td>
<td>English, Women's Studies</td>
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<td>EMA</td>
<td>Civil &amp; Environmental Engineering</td>
<td>LNW</td>
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<td>EME</td>
<td>Industrial &amp; Technical Education</td>
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<tr>
<td>EML</td>
<td>Mechanical Engineering</td>
<td>MAC</td>
<td>Mathematics</td>
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<td>EMR</td>
<td>Special Education</td>
<td>MAD</td>
<td>Mathematics</td>
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<tr>
<td>ENC</td>
<td>English</td>
<td>MAE</td>
<td>Elementary Education, Mathematics, Mathematics Education</td>
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<td>ENG</td>
<td>English</td>
<td>MAN</td>
<td>General Business Administration, Management</td>
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<td>EML</td>
<td>English</td>
<td>MAP</td>
<td>Mathematics</td>
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<tr>
<td>EOL</td>
<td>Civil Engineering and Mechanics</td>
<td>MAR</td>
<td>Marketing</td>
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<tr>
<td>ENY</td>
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<td>MAS</td>
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<td>Special Education</td>
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<td>Secondary Education</td>
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<td>Computer Service Courses</td>
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<td>Geography</td>
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<td>EUH</td>
<td>History</td>
<td>MHS</td>
<td>Psychological &amp; Social Foundations of Education</td>
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<td>EUS</td>
<td>International Studies Program</td>
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<td>Mathematics</td>
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<tr>
<td>EVR</td>
<td>Environmental Science &amp; Policy</td>
<td>MLC</td>
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<td>EVT</td>
<td>Industrial &amp; Technical Education</td>
<td>MMC</td>
<td>Mass Communications</td>
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<td>EXP</td>
<td>Psychology</td>
<td>MYY</td>
<td>Music</td>
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<td>FIL</td>
<td>Art, Mass Communications</td>
<td>HAB</td>
<td>Music</td>
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<td>FIN</td>
<td>Finance</td>
<td>HAG</td>
<td>Music</td>
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<td>FLE</td>
<td>Foreign Language Education, French (Language)</td>
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<td>Music</td>
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<td>French (Language)</td>
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<td>Music</td>
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<td>FRW</td>
<td>French (Language)</td>
<td>MVC</td>
<td>Music</td>
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<td>FSS</td>
<td>Hospitality and Restaurant Management</td>
<td>NAC</td>
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<td>GE</td>
<td>Geography</td>
<td>NDR</td>
<td>Music</td>
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<td>GEA</td>
<td>Geography</td>
<td>NSC</td>
<td>Naval Science (Navy ROTC)</td>
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<td>GEB</td>
<td>Common Body of Knowledge, General Business Administration</td>
<td>NUR</td>
<td>Nursing</td>
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<td>GEO</td>
<td>Geography</td>
<td>OCB</td>
<td>Marine Science</td>
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<tr>
<td>GET</td>
<td>German (Language)</td>
<td>OCE</td>
<td>Geology, Marine Science</td>
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<tr>
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<td>German (Language)</td>
<td>OCG</td>
<td>Geology, Marine Science</td>
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<tr>
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<td>Medical Sciences, Medicine</td>
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<td>GRA</td>
<td>Art</td>
<td>PCB</td>
<td>Biology</td>
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<td>PEL</td>
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<td>GRK</td>
<td>Greek (Language)</td>
<td>PEM</td>
<td>Physical Education - Elective</td>
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<td>Public Health</td>
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<td>History</td>
<td>PHP</td>
<td>Philosophy</td>
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<tr>
<td>HLP</td>
<td>Elementary Education, Physical Education - Elective</td>
<td>PHI</td>
<td>Africana Studies, Philosophy, Women's Studies</td>
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<td>HSC</td>
<td>Public Health</td>
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<td>Africana Studies, Philosophy, Women's Studies</td>
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<tr>
<td>HUM</td>
<td>Africana Studies, Humanities</td>
<td>PHP</td>
<td>Philosophy</td>
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<td>Nursing</td>
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<td>Philosophy</td>
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<td>HUS</td>
<td>Gerontology</td>
<td>PHI</td>
<td>Africana Studies, Philosophy, Women's Studies</td>
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<tr>
<td>IDH</td>
<td>Honors College</td>
<td>PHM</td>
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<td>IDS</td>
<td>Community Experiential Learning Program, Cooperative Education, Fine Arts Interdisciplinary, Honors Program, Liberal Studies</td>
<td>PIP</td>
<td>Philosophy</td>
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<td>INP</td>
<td>Psychology</td>
<td>PJO</td>
<td>Philosophy</td>
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<tr>
<td>INR</td>
<td>Africana Studies, International Studies, Political Science</td>
<td>PJO</td>
<td>Philosophy</td>
</tr>
<tr>
<td>ISC</td>
<td>Interdisciplinary Sciences</td>
<td>PJO</td>
<td>Philosophy</td>
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</tbody>
</table>
Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This numbering system is used by all public postsecondary institutions in Florida and 33 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 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 “course equivalency profiles.”

### 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 35 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 that meets in the same place at the same time. 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 meets 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. The same course is offered at a state university as SYG 2010. A student who has successfully complete SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses

<table>
<thead>
<tr>
<th>COURSE LEVEL DEFINITION</th>
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<tbody>
<tr>
<td><strong>Lower Level</strong></td>
</tr>
<tr>
<td>0000-2999 Freshman Level</td>
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<tr>
<td><strong>Level</strong></td>
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<tr>
<td>2000-2999 Sophomore Level</td>
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<tr>
<td><strong>Upper Level</strong></td>
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<tr>
<td>3000-3999 Junior Level</td>
</tr>
<tr>
<td>4000-4999 Senior Level</td>
</tr>
<tr>
<td><strong>Graduate Level</strong></td>
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<tr>
<td>5000-5999 Senior/Graduate Level</td>
</tr>
<tr>
<td>6000-Up Graduate Level</td>
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</tbody>
</table>
successfully completed that 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**

Section 1007.24(7), Florida Statutes, states:

Any student who 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 statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions 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 Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection 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., ART 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 financial 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 study of the uses of accounting data internally by managers in planning and controlling the affairs of non-profit organizations.

ACG 3103 Intermediate Financial Accounting I (3) BA ACC
PR: ACG 2071. Theory and methodology underlying financial reporting, including the FASB's conceptual framework, the accounting process, financial statements, accounting changes, present value applications, and current assets.

ACG 3113 Intermediate Financial Accounting II (3) BA ACC
PR: ACG 3103 and ACG 3341 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, trend analysis, and investments.

ACG 3341 Cost Accounting and Control I (3) BA ACC
PR: ACG 2071. Deals with cost accounting systems for different entities, cost behavior patterns, cost-volume-profit analysis, relevant information for decision making, and budgets and standard costing for planning and control.

ACG 3401 Accounting Information Systems (3) BA ACC
PR: ACG 3103 and ACG 3341 with a grade of "C" or better (not C-). 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 3103 and 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 4532 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, legal and ethical responsibilities, and the utilization of technology are addressed.

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 interest.

ACG 5205 Advanced Financial Accounting (3) BA ACC
PR: ACG 4123 Accounting for business combinations, preparation of consolidated financial statements, home office/branch relationships, foreign operations and transactions, partnerships.

ACG 5501 Governmental/Non-For-Profit Accounting (3) BA ACC

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, psychological, physiological, 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 laboratory experience in preparation of advertising copy for newspapers, magazines, radio, television, direct mail, outdoor displays, specialty items, and interactive electronic media.

ADV 3103 Radio-Television Advertising (3) AS COM
PR: ADV 3000. An intensive study and analysis of radio and television for advertising purposes, including copywriting, script and storyboard preparation, time buying and selling techniques, audience research methods, and basic production concepts.

ADV 3200 Advertising Design (3) AS COM
PR: ADV 3000 (for advertising sequence majors) or VIC 3001 (for other Mass Comm majors). Application of graphic design principles to various areas of advertising. Combining visual and verbal elements effectively.

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 ACG 3341. A study of retail advertising, including management decisions, 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: ADV 3000, ADV 3001, ADV 3300. Application of analytical planning concepts to advertising planning and decision-making. Case study method used to explore advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications.

ADV 4800 Advertising Campaigns (3) AS COM
PR: ADV 3001, ADV 3300, ADV 3501, ECO 1000, and MAR 3020. Advanced advertising course requiring planning and production of complete general advertising campaign, including research, production methods, budgeting, and media schedules.

ADV 4940 Advertising Practicum (1) AS COM
PR: CI. 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 4313 Black English (3) AS AFA
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 immigration, 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 MW (3) AS AFA
PR: Junior or Senior standing. This course will examine the historical and geographical distribution of Africans in the diaspora and the political and economic roles they have played in the development of the Western world, with a focus on Africa.
course takes an interdisciplinary approach. The course is not restricted to juniors and is not repeatable for credit.

**AFA 4335 Black Women in America** 6A MW (3) AS AFA
An interdisciplinary survey of the contemporary experience 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 urban communities.

**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 4502 Middle Passage MW AF, HP** (3) AS AFA
The Middle Passage focuses on the trafficking of African peoples 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 4600 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 American Educational Process; the Black Experience in the Americas; European Expansion in Africa to 19th century; Contemporary Economic Problems in Africa.

**AFA 5935 Issues in African 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 pre-colonial 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 is placed 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 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. Emphasis is placed 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 2000 Enhanced Physical Fitness Training** (0) US AFR
Required of all students in AFR 2000-, 3000-, and 4000-level classes. Meets twice 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 air 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 II** (1) US AFR
AMH 3170 The Civil War and Reconstruction (4) AS HTY
An examination of political, social, and economic climate of the 1850’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. Emphasizing 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
A history of the United States from World War II 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, segregation 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 1988 6A (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 study 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 history from colonial days to the present. Attention is given both to tactics and to strategy in the unfolding formulation and development of American armed might.

AMH 3545 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 Vietnam.

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, slavery, 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, World War I, World War II, and the Civil Rights Movement.

AMH 4601 Early American History and Archaeology (6) AS HTY
This course is a five week long summer practicum in early American historical archaeology. The class brings together historical research, material culture studies, and historical archaeology methods within a professional/historical archaeology setting.

AML 3031 American Literature From the Beginnings to 1860 (3) AS ENG
A survey of representative works from the period of early settlement through American Romanticism, with emphasis on 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 3051 American Literature 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, Henry Miller, and others.

AML 3413 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 geographical, 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, John Toomer, Langston Hughes, Richard Wright, Ralph Ellison, LeRoi Jones, and Nikki Giovanni.

AML 4111 Nineteenth-Century American Literature 3 (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 (3) AS ENG
A study of major trends and influences in American prose fiction from 1900 to the present, including 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 Dickey.

AML 4300 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 Lowell, etc. Specific topics will vary. May be taken twice for credit with different topics.

AML 4303 Zora Neale Hurston: Major Works 6A MW LW (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 Florida writer.

AML 4524 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 a specific cultural era.

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 2202 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 2270 Twentieth-century American Culture HP (3) AS AMS
An examination of cultural patterns in America from 1900 to the present with 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 resources, the quality of American society, popular music, American communities, vigilante tradition, jazz music, role of the family, 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 America During the 20s and 30s (3-4) AS AMS
Selected interdisciplinary materials are used to examine the relationships between regionalism, nationalism, and internationalism during the twenties and thirties. Emphasis is placed on the measure 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 3302 Architecture and the American Environment (3) AS AMS
By means of slides, lectures and discussion, this course examines 350 years of American architectural history. Architectural styles, aesthetics and the relation between a building and its social environment are stressed.

AMS 3370 Southern Women: Myth and Reality 6A HP (3) AS AMS
This course will identify the myths surrounding Southern Women, dissect their sources and purposes, and contrast them with history.

AMS 3601 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 subscultures 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, literature, art, the movies, and folklore. Related concepts of stereotypes 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 styles, critical methodologies and theories. Variable topics such as: series on a region, director, performer, subject, or period of time.

AMS 4504 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, American Military Experience, and Labor 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 5395 Visual Anthropology (3) AS AN
PR: Graduate standing. This class will examine the major dimensions of visual anthropology with an emphasis on the visual means of presenting anthropology to the discipline and general public. The course will focus on visual documentation and study of visual images.

ANG 5466 Quantitative Methods in Anthropology (3) AS AN
PR: Standing. This course is an introduction to quantitative methods for anthropologists covering both classical statistical approaches and exploratory data analysis, using computers with statistical software.
through the development of aboriginal culture to the period of European colonization. Emphasis on 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 or DPR. Culture history and culture process over 10,000 years 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 concomitant European conquests. Overview 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. 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 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 environmental setting and the relationship between cultural ecology and the growth of civilization.

ANT 4172 Historical Archaeology 6A MW (3) AS ANT
PR: ANT 3101 or DPR. A survey and analysis of archaeology focused on the historic period. Laboratory; includes artifact cleaning, cataloguing, identification, and analysis; soil flotation; reconstruction and conservation of artifacts, mapmaking, etc. May be offered as part of a summer (or other semester) field session. 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 isotope analysis. Laboratory sections provide hands-on experience with a variety of archaeological materials and analytical methods.

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 through an overview of 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 fieldwork.

ANT 4302 Gender in Cross-Cultural Perspective MW (3) AS ANT
PR: ANT 2410 or DPR. Focuses on various 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 variation of the 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 ethnicity 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 4336 Latin America (3) AS ANT
PR: ANT 2410. Restricted to Anthropology majors. LACS certificate students, juniors and seniors only. 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. Restricted to junior and senior CAS majors. Main themes include: the demography 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 and 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 photographer’s “visual literacies” and evokes 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 our 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 practical applications 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; 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. Restricted to juniors and seniors. The stages in the development and execution of ethnographic 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 4520C Forensic Anthropology (4) AS ANT
This course is designed to familiarize students with forensic anthropology and lab work. Students will learn human skeletal biology for personal identification and cause of death. This course is restricted to majors and is not repeatable.

ANT 4586 Prehistoric Human Evolution NS (3) AS ANT
PR: ANT 2511 or DPR. A discussion of the fossil record from the early primates through the ascent of Homo sapiens sapiens, focusing on the human lineage. Bio-social patterns and cultures of the past are also covered.

ANT 4587 Human Variation (3) AS ANT
PR: ANT 2511 or DPR. An overview of evolution and biological variations of human races. Anatomical, morphological, and physiological patterns are surveyed geographically. Cultural influences on racial biology are explored.
RAW 4905 Directed Study (1-5) AS WLE
Departmental approval required. Course permits classes in Arabic not available in the regularly scheduled curriculum at departmental discretion.

ARC 2151 Introduction to Architectural Design and Graphics FA (4) AR ARC
An introduction to fundamental “critical thinking” and graphic communication skills in architecture.

ARC 2211 Introduction to Architecture HP FA (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.

ARC 2701 Architectural History I HP FA (3) AR ARC
Overview of the built environment from the Middle Ages to the present. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context.

ARC 2702 Architectural History II HP FA (3) AR ARC
Overview of the built environment from the Middle Ages to the present. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context.

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 for 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 figure-ground relationships. Development of craftsmanship, drawing as a means to design, and perceptual acuity are 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 examine the work of significant architects and use it as a basis for design exploration. Graphic documentation, diagramming, and model studies are stressed.

ARC 5363 Core Design III (6) AR ARC
PR: ARC 5362, ARC 5467, ARC 5587, ARC 5731. CC: ARC 5469. Study of the various phases of the building delivery and design process, and of different approaches to ordering that process in a systematic fashion. The student will use one such systematic approach in the investigation and development of design solutions for a proposal of a moderate scale and complexity. Studies of built form ordering principles, mass/void relationships, scale and proportion, color, texture, contextual relationships, meaning/imagery, and building technology (awareness of structural organization, services networks, construction processes...
and materials). Aspects of human behavior as design determinants. ARC 5364 Advanced Design A (6) AR ARC
PR: ARC 5363. CP: ARC 5588, ARC 5467. Application of orderly design processes to building projects of moderate complexity and scale. Continued investigation of the relationship between human behavior and the environment. Analysis and integration of site relationships into the development of design solutions. Legal aspects of zoning, building codes, and regulations regarding accessibility, fire escape, etc.

ARC 5365 Advanced Design B (6) AR ARC
PR: ARC 5363. CP: ARC 5588, ARC 5467. Investigation of the interaction between user requirements, environmental determinants, site and urban context conditions, technological factors, and design intentions in the development of design solutions for projects of medium scale and complexity. The analysis, design, and coordination of the various resulting systems, including structural, circulation, service networks, space zoning and use, environmental control systems at the interface between interior and exterior of a building. Representation of these relationships and systems in diagrams and models, and their manifestation in design and construction details.

ARC 5366 Advanced Design C (6) AR ARC
PR: ARC 5363. CP: ARC 5588, ARC 5467. Design of multi-purpose buildings of medium to large scale and complexity. Issues of community and neighborhood design as they relate to the design of buildings. Restoration and adaptive re-use of existing historic buildings. Focus on thinking through as well as documenting the complete building system and process.

ARC 5467 Materials and Methods of Construction (4) AR ARC
PR: ARC 5470, CC. Overview of properties of primary materials and construction systems which comprise building structure and enclosure. Emphasis on interface and connection of elements and assemblies, relative to climate, assembly processes, costs, codes, and craftsmanship. Lab sessions include field trips to manufacturing facilities, construction sites, and preparation of drawings and models of assemblies.

ARC 5470 Introduction to Technology (3) AR ARC
Introduction to architectural technology, including structures, materials and methods of construction, and environmental controls. Overview of building systems and components and their integration into architectural design projects.

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, cost.

ARC 5588 Structures II (3) AR ARC

ARC 5689 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, topographical, political, aesthetic, social, technological, and economic context. Study of various methodological approaches to the analysis of historical architecture, and development of student’s own approach. Emphasis will be on the built environment of Europe and America.

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 historians in their attempt to design the appropriate physical environment for a new social order. The course will investigate the writings and works of the proponents of the modern style of architecture and study the “New Architecture” as defined by those who broke tradition and expressed the new era using modern construction materials and techniques.

ARC 5793 History Abroad (3) AR ARC
PR: CC. Summer study abroad. Location and description varies from year to year.

ARC 5794 Florida Architectural History (3) AR ARC
An examination of the environmental, sociological, technological, political, economic, cultural, and other factors that influenced the discovery, growth, and urbanization of Florida as manifested by its architecture.

ARC 5920 Architectural Design Studio Abroad (5) AR ARC
PR: CC. Summer study abroad. Location and description varies from year to year.

ARC 5931 Special Studies in Architecture (1-5) AR ARC
PR: CC. Variable titles offered on topics of special interest.

ARE 3044 Experiential Basis of Artistic Mind (3) VP ART
Designed to awaken the language of image and metaphor, with emphasis on the internal and expressive aspects of art as well as their application in the schools and the community.

ARE 3354 Art Teaching Strategies I (3) VP ART
PR: ARE 3044. A combination of theory, philosophy and practice in both public and private learning centers to provide the student with a variety of teaching concepts and media exploration in art education and to further enable the student to understand stages of young people, three to eighteen.

ARE 4310 Art For the Child You (2) VP ART
Art and the intellectual, creative, emotional, and aesthetic growth of children.

ARE 4341 Art Teaching Strategies II (3) VP ART
Media and the learning process will be explored through photographic arts, cinematography and video systems. Teaching strategies and media criticism for application at elementary and secondary levels.

ARE 4443 Crafts Workshop in Art Education (3) VP ART
PR: ARE 3044. The study and practice of processes and media involved with the exploration and expression of cultural traditions and individual ideas through crafts.

ARE 4642 Community Arts (3) VP ART
PR: ARE 3044. Explores the arts as infrastructure through identification, Exploration and experimentation of/with unique community spaces, populations and new environments for and learning in the arts.

ARE 4909 Directed Study: Art Education (1-3) VP ART
PR: Senior standing. Directed study contract required. Designed to extend teaching competencies in the candidate’s courses in complete college program.

ARE 4936 Senior Seminar in Art Education (2) VP ART

ARE 4940 Internship: Art Education (1-12) AR ARC
CR: ARE 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 to 12 semester hours.

ARH 2050 History of Visual Arts I HP FA (3) VP ART
PR: DPR. A survey of World Art to AD 1300. Students are introduced to problems of analyzing and interpreting the art of various cultures without making the Western perspective a privileged one. Open to non-majors.

ARH 2051 History of Visual Arts II HP FA (3) VP ART
PR: DPR. A survey of World Art since 1300. Students are introduced to problems of analyzing and interpreting the art of various cultures without making the Western perspective a privileged one. Open to non-majors.

ARH 3001 Introduction To Art HP FA (4) VP ART
An expanded introductory treatment of basic concepts. For non-art majors.

ARH 3475C Contemporary Issues in Art HP FA MW (4) VP ART
PR: DPR. Focuses upon the productions, themes and processes of artists working in the present time. This course will investigate the relationship of materials and media used by contemporary artists to the subject and content of artists’ productions/products in their historical context.

ARH 4115 Ancient Egyptian and Near Eastern Art (4) VP ART
PR: ARH 2050 recommended but not required. A study of the art and cultures of ancient Egypt and the Near East, from the prehistoric period through the conquests of Alexander the Great.
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<tr>
<td>ARH 4130</td>
<td>Greek Art (4) VP ART</td>
<td>PR: ARH 2050 or EUH 2011 recommended but not required. A comprehensive study of ancient Greek sculpture, painting, architecture, and other artistic media from the Bronze Age through the Hellenistic period.</td>
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<tr>
<td>ARH 4140</td>
<td>Roman Art (4) VP ART</td>
<td>PR: ARH 2050 or EUH 2011 recommended but not required. A comprehensive study of ancient Roman sculpture, painting, architecture, and other artistic media from the founding of Rome through the reign of Constantine.</td>
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<tr>
<td>ARH 4170</td>
<td>Greek and Roman Art (4) VP ART</td>
<td>A comprehensive study of Aegean, Mycenaean, Etruscan, Greek, and Roman painting, sculpture, and architecture.</td>
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<tr>
<td>ARH 4200</td>
<td>Medieval Art (4) VP ART</td>
<td>PR: DPR. A comprehensive study of early Christian, Byzantine, and Medieval painting, sculpture, architecture, and manuscript illumination.</td>
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<tr>
<td>ARH 4301</td>
<td>Renaissance Art (4) VP ART</td>
<td>PR: DPR. A comprehensive study of Renaissance and Mannerist painting, sculpture and architecture in Italy and Northern Europe.</td>
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<tr>
<td>ARH 4318</td>
<td>Venetian Art (4) 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>
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<tr>
<td>ARH 4319</td>
<td>Baroque and Rococo Art (4) 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 eighteenth centuries.</td>
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<tr>
<td>ARH 4430</td>
<td>Nineteenth Century Art (4) VP ART</td>
<td>PR: ARH 2051. 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>
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<tr>
<td>ARH 4450</td>
<td>Twentieth Century Art (4) VP ART</td>
<td>PR: ARH 2051. A comprehensive study of painting, sculpture, and architecture from Cézanne to the present in Europe and the United States. Required of all art majors.</td>
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<tr>
<td>ARH 4455</td>
<td>Modern Political Iconography MW (4) 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>
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<tr>
<td>ARH 4520</td>
<td>African Art (4) 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, and symbolism and meanings.</td>
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<tr>
<td>ARH 4530</td>
<td>Asian Art (4) VP ART</td>
<td>PR: Departmental Approval. An introduction to concepts of the arts of China, Japan and other Far Eastern countries.</td>
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<tr>
<td>ARH 4575</td>
<td>Buddhist Art (4) 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>
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<tr>
<td>ARH 4557</td>
<td>Chinese Art (4) VP ART</td>
<td>PR, DPR. Chinese Art proceeds chronologically, from the Neolithic era up to the contemporary art world. The course considers cultural, linguistic, technical, philosophic, political and religious influences on the art works produced by this ancient society.</td>
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<tr>
<td>ARH 4710</td>
<td>History of Photography MW (4) VP ART</td>
<td>PR: ARH 2051. Comprehensive overview of the history of photography from the invention to the present day with an emphasis on the relationship of photography to the visual arts and popular culture.</td>
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<tr>
<td>ARH 4721C</td>
<td>History of Printmaking 64 (3) VP ART</td>
<td>The history of Western printmaking from the Middle Ages to contemporary times, with an emphasis on printmaking technology and research. The course is designed for designers, registrars, and fundraisers.</td>
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<tr>
<td>ARH 4724</td>
<td>History of Graphic Design 64 (4) VP ART</td>
<td>This course surveys the design profession 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>
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<tr>
<td>ARH 4744</td>
<td>Selected Topics in The History of Film (4) VP ART</td>
<td>PR: ARH 2050 or EUH 2011 recommended but not required. A comprehensive study of the history of film. The course will consider the history of printmaking and other forms of collaborative art production through the prism of the atelier and its management.</td>
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<tr>
<td>ARH 4800</td>
<td>Critical Studies in Art History 6A (4) VP ART</td>
<td>PR: Two advanced Art Histories. Specialized intensive studies in art history. Specific subject matter varies. To be announced at each course offering.</td>
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<tr>
<td>ARH 4890</td>
<td>Paris Art History (4) VP ART</td>
<td>PR: Minimum 8 hours of art history at the undergraduate level or equivalent. This course will explore issues central to the history and criticism of art through the rich visual culture of Paris. Themes will include art and national identity, orientalism, the avant-garde and the role of the museum in the evolution of modern art.</td>
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<tr>
<td>ARH 4930</td>
<td>Art History: Selected Topics (2-4) VP ART</td>
<td>Lecture/discussion course designed to offer areas of expertise in various fields throughout the art history curriculum.</td>
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<tr>
<td>ARH 4937</td>
<td>Seminar in The History of Art History (4) 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 changing nature of Art History from Vasari to the present.</td>
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<tr>
<td>ARH 5451</td>
<td>Cultural and Intellectual History of Modern Art (4) VP ART</td>
<td>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 trends.</td>
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<tr>
<td>ARH 5797</td>
<td>Gallery and Museum Internship (2-6) VP ART</td>
<td>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 at hand in particular museums, but possible areas of work include registration, installation, conservation, writing of grants, or museum education.</td>
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<tr>
<td>ARH 5813</td>
<td>Methods of Art History (4) VP ART</td>
<td>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.</td>
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<tr>
<td>ARH 5833</td>
<td>The Atelier, Its Management and History (3) VP ART</td>
<td>PR: ARH 2050 and 2051. This class will consider the history of printmaking and other forms of collaborative art production through the prism of the atelier and its management.</td>
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<tr>
<td>ARH 5836</td>
<td>Collection and Exhibition Management (3) VP ART</td>
<td>PR: Art Advisor's Approval. This class 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 recording, preparing works of art for transit, environmental standards for collections storage and exhibition, and the professional responsibilities of the curator.</td>
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<tr>
<td>ARH 5839</td>
<td>Problems in Museum Studies (4) VP ART</td>
<td>PR: Art Advisor's Approval. This class 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.</td>
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<tr>
<td>ART 220C</td>
<td>Concepts and Practices I FA (3-4) VP ART</td>
<td>An introduction to basic visual art studio concepts. Topics include the nature of art, the visual language of its form, modes of representation, and visual art theory. Studio problems supplemented by lecture and discussion. Emphasis on images of implied time and space.</td>
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<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II FA (3-4) VP ART</td>
<td>PR: ART 2201C (for majors only). Projects exploring the methods, media, and concepts of drawing.</td>
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<tr>
<td>ART 2301C</td>
<td>Beginning Drawing (3) VP ART</td>
<td>PR: Majors Only. Projects exploring the methods, media, and concepts of drawing.</td>
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</tbody>
</table>
| ART 2400C   | Beginning Printmaking (3) VP ART                 | PR: Majors Only. 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: Majors Only. Projects in painting with emphasis on the exploration of methods and media and the development of personal concepts and the exploration of technical processes. Repeatable up to 15 hours.

ART 2701C Beginning Sculpture (3) VP ART
PR: Majors Only. Projects in sculpture with emphasis on contemporary theory and issues, the development of individual concepts and the exploration of technical processes and tools. Repeatable up to 15 hours.

ART 2750C Beginning Ceramics (3) VP ART
PR: Majors Only. An introduction to the use of ceramic materials as a means of self expression and critical exploration.

ART 2930 Selected Topics in Art (2-4) VP ART
PR: Majors Only. The content of this course will be determined by student demand and instructor interest. Open University offerings under this number may not be counted for degree credit for art majors.

ART 3310C Intermediate Drawing (3) VP ART
PR: ART 2301C. Permit required. Majors Only. 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 3380C Selected Topics in Drawing (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C. Majors Only. 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. Repeatable up to 15 hours.

ART 3401C Intermediate Printmaking (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ART 2400C, ART 3310C, ARH 2050, ARH 2051. 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 3465 Digital Printmaking (4) VP ART
PR: ART 3612C or ART 2400C. Majors Only. An investigation of printmaking using the computer as a design interface between electronic and traditional printmaking processes. Repeatable up to 9 hours.

ART 3512C Selected Topics in Painting (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2500C, ART 3530C. Majors Only. 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 3530C Intermediate Painting (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ART 2500C, ART 3310C, ARH 2050, ARH 2051. 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 3612C Beginning Electronic Media (3) VP ART
PR: Majors Only. An introductory exploration of the issues and practices involved in the creation of computer art. The course focuses on an interdisciplinary approach to electronic media.

ART 3613C Intermediate Electronic Media (3) VP ART
PR: ART 3612C, ART 2203C, ART 2301C, ART 3310C, ART 3612C, ARH 2050, ARH 2051. An intermediate exploration of the issues and practices involved in the creation of experimental computer art. The course focuses on an interdisciplinary approach to electronic media while developing individual creative growth. Repeatable up to 15 hours.

ART 3635 Selected Topics in Electronic Media (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 3612C, ART 3613C. Majors Only. 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: ART 2201C, ART 2203C, ART 2301C, ART 2701C, ART 3310C, ARH 2050, ARH 2051. This course expands upon the principles and processes introduced in Beginning Sculpture, developing a higher level of technical competence and critical sophistication. Repeatable up to 15 hours.

ART 3712C Multiples, Molds, and Bronzecasting (3) VP ART
PR: ART 2701C and ART 3704C. Majors Only. Continued studies and projects in sculpture with an emphasis on the nature of multiples explored 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 3735 Selected Topics in Sculpture (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2701C, ART 3704C. Majors Only. Selected Topics in Sculpture 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. Repeatable up to 15 hours.

ART 3760 Intermediate Ceramics (3) VP ART

ART 3781C Selected Topics in Ceramics (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2750C, ART 3761C. Selected Topics in Ceramics 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 3843C Site, Installation, and Performance (3) VP ART
PR: ART 2701C and ART 3704C. Majors Only. Continued projects in drawing. The course satisfies the requirement for a specific sculpture, installation and performance. A critical and cultural awareness of contemporary issues and media in sculpture will be developed through studio projects assigned readings, discussions, critiques and demonstrations. The course may not be repeated for credit.

ART 3883C Studio Techniques: Selected Projects (2) VP ART
PR: DPR. Concentration in specialized technical data and process.

ART 3939 The Real World (3) VP ART
PR: 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.

ART 4320C Advanced Drawing (3) VP ART
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued projects in drawing. Repeatable.

ART 4402C Advanced Printmaking (3) VP ART
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Advanced exploration of issues and practices involved in the creation of experimental computer art. The course continues as interdisciplinary approach to electronic media with a focus on individual and group projects. Repeatable.

ART 4520C Advanced Painting (3) VP ART
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued projects in painting. Repeatable.

ART 4614C Advanced Electronic Media (3) VP ART
PR: 9 hours of Intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Advanced exploration of issues and practices involved in the creation of experimental computer art. The course continues as interdisciplinary approach to electronic media with a focus on individual and group projects.

ART 4616 Computer Animation (4) VP ART
PR: Exploration of issues and practices involved in the creation of computer animation. The course builds upon web content creation and animation techniques.

ART 4634C Visual Design for the Internet (3) VP ART
PR: Restricted to majors. This upper level course builds upon the concepts students encountered in the introductory level graphic design courses and focuses upon web content creation and animation techniques.

ART 4710C Advanced Sculpture (4) VP ART
ART 4782C Advanced Ceramics (3) VP ART
PR: 9 hours of intermediate courses in the discipline and a 3.25 major GPA or DPR. Majors Only. Continued problems in ceramics. Repeatable.

ART 4806 Theme Studio (3) VP ART
PR: Majors Only. All preparation courses plus course in Studio Workshop I.

ART 4814 Paris Art Studio (3) VP ART
PR: ART 2201C or equivalent. This course will explore contemporary and historic Paris as a subject and source for artmaking, drawing upon a range of concepts and strategies that emphasize imaginative encounters with its space, streets, museums, architecture and people.

ART 4900 Directed Reading (4) VP ART
PR: CI. Registration by contract only. A course of reading and study in an area of special concern governed by student demand, instructor interest and/or department requirements. Registration is by contract only. Repeatable.

ART 4905 Directed Study (1-4) VP ART
PR: CI. DPR. Registration by contract only. Independent studies in the various areas of Visual Arts. Course of study and credits must be approved prior to registration. Repeatable.

ART 4925 Media Workshop: Design Production (3) VP ART
PR: Graphic design majors only. This upper level technology course will develop in-depth understanding of graphic software and production techniques. Students will review software programs, file preparation requirements, and print production standards.

ART 4930 Selected Topics In Art (2-4) VP ART
PR: DPR. The content of this course will be determined by student demand and instructor interest. Open University offerings under this number may not be counted for degree credit for art majors. Repeatable.

ART 4940 Extended Studies (1-4) VP ART
Extended Studies requires students to engage in art-related activities that expand upon their traditional academic experience. It is by contract and may involve internship and/or foreign studies. The course is restricted to majors. Not repeatable.

ART 4970C Senior Thesis (4) VP ART
PR: DPR, CI. The creation of a coherent body of advanced level artwork that is supported by a written document describing processes working procedures, research, context and content of the artwork itself. The course is restricted to majors and is required of all B.F.A. candidates.

ART 5300C Drawing (4) VP ART

ART 5400C Lettering (4) VP ART

ART 5410C Intaglio (4) VP ART
PR: CI. Registration by contract only. Investigations into more complex intaglio processes including photogravering and color printing procedures. Emphasis on personal conceptual development in graphic media.

ART 5580C Painting (4) VP ART
PR: CI. Registration by contract only. Research in painting

ART 5740C Sculpture (4) VP ART

ART 5790C Ceramics (4) VP ART
PR: ART 2705C, DPR. Advanced problems in the various ceramic techniques, including throwing and glaze calculation. Repeatable.

ART 5910 Research (1-4) VP ART
PR: CI. DPR. Registration by contract only. Repeatable.

ASH 2270 Southeast Asian History HP AF (3) AS HTY
This course examines the origins and development of the major Southeast Asian cultures over the past two millennia, focusing particularly on the transformation of small communities into modern states and the factors that facilitated this process.

ASH 3404 Modern China SS HP AF (4)
Political, economic, and social history of China from the time of the first major Western contacts (17th-18th Centuries) through the consolidation of socialism in the late 1950’s, and the Great Leap Forward.

ASN 3012 Japan Today 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.

ASN 3014 China Today 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.

ASN 3030 The Middle East 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.

AST 2003 Astronomy of the Solar System NS (4) AS AST
Introduction to the Astronomy of the Solar System. No Physics background assumed. Topics covered include properties of light, stellar coordinates, timekeeping, eclipses, formation and dynamics of the solar system, properties of the sun and planets, space exploration of planets and the moon, life on other worlds. This course is complementary to but independent of AST 2004.

AST 2004 Stellar Astronomy and Cosmology NS (4) AS AST
An introduction to Astrophysics and the structure of the universe. No Physics background assumed. Topics covered include properties of light, stellar coordinates, measurement of the physical properties of stars, formation, structure and evolution of stars, normal and peculiar galaxies, cosmology. This course is complementary to but independent of AST 2003. Either may be taken before the other or taken by itself.

AST 2032C Illustrative Astronomy (3) AS AST
Constellations, use of small telescopes, etc., apparent motions of celestial objects, comets and meteors, seasons, weather. Current events in the space program. Planetarium and open sky demonstrations.

AST 3033 Contemporary Thinking in Astronomy NS (3) AS AST
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-ray 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 observational 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. Lec.-Lab.

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 AST
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 the interests of advanced students.

BCH 3023L Basic Biochemistry Laboratory (2) AS CHM
CR: BCH 3023. Practical work in determination and characterization of important biomolecules. Lec.-lab.

BCH 3023 Introductory Biochemistry (3) AS CHM
PR: CHM 2200 or CHM 2211 and BSC 210. Introduction to the chemistry and intermediary metabolism of biologically important substances. Lec.

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 fields and for particularly well-qualified undergraduate students.

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 4406 Engineering of Biological Systems (3) EN ECH
PR: CHM 2210 (majors) or Consent of Instructor (non-majors). The course is designed to convey the basics of biological systems and the roles that engineers play in industrial biology to engineering students (primarily) and to students that are majoring in other sciences. Not repeatable for credit. For majors and non-majors.

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 biosystems.

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, topical forms, and aerosols), excipients, regulatory issues, clinical studies, and good manufacturing practices.

BME 5748 Selected Topics in Biomedical Engineering (1-3) EN ECH
Selected topics in biomedical engineering, including biomedical engineering, biomedical materials, biodynamics of circulation, separation processes in biomedical systems, and artificial organ systems.

BME 5910 Directed Research in Bioengineering (1-3) EN ECH
PR: CI. Directed research in an area of biomedical engineering by non-engineering students with CI. Repeatable as subjects vary.

BMS 4402 Principles of Human Pharmacology NS (3) ME MSG
Not available on S/U basis. Pharmacokinetics (absorption, distribution, metabolism, excretion), and side effects/toxicity of drugs. Designed to provide basic understanding of mechanism of drug action resulting from pharmacological processes.

BMS 5005 Professions of Medicine: Foundations of Doctoring (19) ME MSG
This three-week course placed at the beginning of the medical school curriculum will introduce the students to principles that will be used through the entire medical school education and beyond. Basic scientists and clinicians present information in an integrated approach. Topical areas include: use of information resources (library/computer), the medical article, intro to evidence based medicine, effective study techniques, intro to the physical exam, critical thinking, history and physical, intro to evidence based medicine, functional and phylogenetic aspects of plant communities. Conducted largely in the field.

BOT 4223C Plant Anatomy (3) AS BIO
PR: BOT 3373C and CHM 2210 or MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 & CHM 2211. Comparative studies of tissue and organ systems of plants in the subtropical marine environment of Florida. Fieldwork required. Lecture and Laboratory.

BOT 4343C Mycology (3) AS BIO
PR: BOT 3373C or MCB 3020C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 & CHM 2211. A survey of the fungi with emphasis on their taxonomy, morphology, physiology and economic importance. Lecture. -lab.

BOT 4503 Plant Physiology (3) AS BIO
PR: BOT 3373C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 & CHM 2211. Fundamental activities of plants; absorption, translocation, transpiration, metabolism, growth and related phenomena. Lecture only.

BSC 2023C Evolution of Flowering Plants (3) AS BIO
PR: BOT 3373C and BOT 4152C or CI. A study of the evolution and phylogeny of the Angiosperms; the origin and nature of early angiosperms, "primitive" angiosperms today; evolutionary trends leading to the origin of genera, families, and orders; cladistics, traditional approaches, new approaches; readings from the current and historical literature.

BSC 2010 Biology I - Cellular Processes NS (3) AS BIO
CR: BSC 2010L. CP: CHM 2045. An analysis of biological systems at the cellular and subcellular levels: cell structure and function, respiration, photosynthesis, mitosis and meiosis, and genetics. April 18, May 17

BSC 2011 Biology II - Diversity NS (3) AS BIO

BSC 2011L Biology II Diversity Laboratory (1) AS BIO
CR: BSC 2011. Laboratory portion of Biology II Diversity relating to organismal structure and function. Microscopy, as well as general student topics, will be stressed.

BSC 2010L Biology I Cellular Processes Laboratory (1) AS BIO

BSC 2011L Biology II Diversity Laboratory (1) AS BIO
CR: BSC 2011. Laboratory portion of Biology II Diversity relating to organismal structure and function. Microscopy, as well as general student topics, will be stressed.

BSC 2022 Biology of Aging NS (3) AS BIO
An introduction to the basic biology of aging. Emphasis will be placed on understanding basic principles of biology relevant to the aging process which begins at birth. May be taken by majors for free elective credit.

BSC 2025 Food: Personal and Global Perspectives NS (3) AS BIO
May be taken by biology majors for free elective credit. The application of basic biological principles to human nutritional problems; to learn how various cultures achieve adequate nutrition
and how environmental changes impact both personal and global nutrition.

**BSC 2030 Save The Planet: Environmental Sciences**  
(3) AS BIO  
Credit will be given for BSC 2030 or BSC 2050, but not both. An introduction to environmental sciences using mass communications and independent study. Emphasis will be placed on understanding basic principles of ecology relevant to problems and topics of the earth's environment. May be taken by majors for free elective credit.

**BSC 2050 Environment**  
(3) AS BIO  
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 2085 Anatomy and Physiology I for Nursing and other Healthcare Professionals**  
(3) NU NUR  
CR: BSC 2085L. Introduction to the normal structure, function and selected pathological conditions for physiologic systems. Focus on understanding how the body functions in preparing for careers in nursing or health-related professions.

**BSC 2086 Anatomy and Physiology II for Nursing and other Healthcare Professionals**  
(3) NU NUR  
PR: BSC 2085 and BSC 2085L. CR: BSC 2086. Introduction of normal structure, function and selected pathological conditions for physiologic systems. Focus on understanding how the body functions in preparing for careers in nursing or health-related professions.

**BSC 2094 Human Anatomy and Physiology I (4) AS BIO**  
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L and CHM 2045. May be taken by majors for free elective credit only. Basic biochemistry, cell structure and function, tissues, anatomical terminology, anatomy and physiology of the integumentary, skeletal, muscular, and nervous systems. Lecture and Laboratory.

**BSC 2109 Human Anatomy and Physiology II (4) AS BIO**  
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, BSC 2093C, and CHM 2045. May be taken by majors for free elective credit only. Anatomy and physiology of the autonomic nervous, endocrine, circulatory, lymphatic, immune, respiratory, digestive, excretory, and reproductive systems. Lecture and Laboratory.

**BSC 2120 Selected Topics in Biology (1-4) AS BIO**  
The course content will depend on student demand and instructor's interest.

**BSC 2140 Human Anatomy and Ethics of Science (3) AS BIO**  
PR: BSC 2011, BSC 2011L, BSC 2932, & CHM 2045 & CI. Enrollment is limited to Department of Biology Honors Students. Introduction to the nature of science. Historical perspectives, modes of reasoning, science vs. pseudoscience, science as an intellectual process, ethics, and resolving dilemmas.

**BSC 2150 Honors Seminar I (1) AS BIO**  
PR: BSC 2010, BSC 2010L & CHM 2045. CR: BSC 2011, BSC 2011L. Enrollment is limited to Department of Biology Honors Students. The course will begin to familiarize students with process of conducting scientific research.

**BSC 2160 Honors Seminar II (1) AS BIO**  
PR: BSC 2010, BSC 2010L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712. 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. Lecture only.

**BSC 4057 Environmental Issues**  
(3) AS BIO  
Not for major's credit. Study of biological, economic, ethical, legal, political and social issues relating to current environmental problems.

**BSC 4313 Advanced Marine Biology**  
(4) AS BIO  
PR: BSC 3312A. A detailed analysis of marine environment in the Tampa Bay or surrounding area. Field and laboratory work will provide direct experiences with the system.

**BSC 4905 Independent Study**  
(1-3) AS BIO  
PR: CI. S/U only. May be taken by majors for free elective credit. Specialized independent study determined by the student's needs and interests. The written contract required by the Department of Biology specifies the regulations governing independent study.

**BSC 4932 Honors Seminar IV**  
(1) AS BIO  
PR: BSC 2934 and BSC 4910 or MCB 4910; CI: CHM 2211. The course serves as a formal introduction to the presentation of scientific research. It is taken in the semester prior to completion of a student's own research project and the writing of the Biology Honors Thesis.

**BSC 4933 Selected Topics In Biology**  
(1-4) AS BIO  
PR: CI. The course content will depend on student demand and instructor's interest.

**BSC 4937 Seminar in Marine Biology (2) AS BIO**  
PR: BSC 3312C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHM 2211. S/U only. Junior standing and 3.0 GPA required. Individual investigation with faculty supervision. Written contract by Department is necessary prior to registration.

**BSC 4970 Biology Honors Thesis**  
(1-3) AS BIO  
PR: BSC 2934 and either BSC 4931 or BSC 4932. Enrollment is limited to Biology Department Honors students. S/U only. A thesis based on independent research carried out by the student.

**BSC 5931 Selected Topics in Biology**  
(1-4) AS BIO  
PR: CI.

**BTE 4401 Special Teaching Methods: Business Education**  
(4) ED EDV  
PR: Successful completion of BE competencies. Methods, techniques, and materials for skill development.

**BTE 4909 Directed Study: Business Education**  
(1-3) ED EDV  
PR: Senior standing. To extend competencies in teaching field.

**BTE 4936 Senior Seminar in Business and Office Education**  
(2) ED EDV  

**BTE 4940 Internship: Business Education**  
(1-12) ED EDV  
CR: BTE 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 to 12 semester hours.

**BTE 4948 Field-Based Seminar in Business Education**  
(3) ED EDV  
S/U only. Supervised field experience and orientation to broad field business education. Specifically designed to be preparatory to the internship.

**BTE 5171 Curriculum Construction: Business Education**  
(3) ED EDV  
Curriculum scope, the process of planning and organizing instructional programs with emphasis on task analysis and process evaluation.

**BUL 3320 Law And Business I**  
(3) BA GBA  
This course covers the nature of legal and societal institutions and the major aspects of public, private, UCC and related business law.

**BUL 3321 Law And Business II**  
(3) BA GBA  
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**  
(3) BA GBA  
PR: BUL 3320 or CI. A comprehensive study of commercial law as it affects the practice of accounting.
The three-hour block of credit will require a minimum of ten hours of criminal justice data collection. This course will enable the students to examine criminal career data. (organized) crimes, consensual crimes, female crime, political crimes, violent crimes, economic/white collar offenses, syndicated crime problem. The course will concentrate on major patterns of explanation of crime.

PR: Junior standing, CCJ 3024 or CJJ 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 prosecution, the courts, and corrections. Also includes brief coverage of environmental adjustment for behavioral organization among important types of living beings.

CCJ 3701 Research Methods in Criminal Justice I (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. This course is specifically designed to provide students with a research experience in which they will work closely with faculty on the development and implementation of research projects in the area of criminal justice.

CCJ 4900 Directed Readings (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 4 CCJ courses must have been completed satisfactorily prior to enrollment. (c) First consideration will be given to Criminology majors. (d) Individual faculty members may add additional requirements at their discretion. 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.

CAP 5400 Artificial Intelligence (3) EN ESB
PR: EEL 4851C or GS. Basic concepts, techniques and tools for the design and implementation of expert and intelligent systems. Knowledge representation, inference methods, knowledge acquisition methods, and some advanced concepts. Tools to facilitate construction of expert and intelligent systems.

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 4 CCJ courses must have been completed satisfactorily prior to enrollment. (c) First consideration will be given to Criminal Justice majors. (d) Individual faculty members may add additional requirements at their discretion. 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 designed to provide students with a research experience in which they will work closely with faculty on the development and implementation of research projects in the area of criminal justice.

CCJ 4930 Critical Issues in Policing (3) AS CJP
PR: Junior standing, CCJ 3024 or CJ 4104 or CI. Focuses on some of the most critical issues in law enforcement today including; understanding and controlling police use of deadly force; police deviance; police prejudice and discrimination; violence-prone 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: Junior standing, CCJ 3024, CCJ 3621, CCJ 3610 and CI. These variable topic seminars are used 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: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. 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. The course will enable 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. See requirements for the B.A. degree for the number of hours required.

**CDA 3101 Computer Organization for Information Technology (3) US EIT**
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.

**CDA 3201 Computer Logic and Design (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, addressing, storage, and memory.

**CDA 4011L Computer System Design Lab (1) EN ESB**
PR: CDA 3201. 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 design.

**CDA 4020 Computer Organization and Architecture (3) EN ESB**
PR: EGN 3353, EGN 3331. Fundamental and experimental requirements for field programmable systems; testing of circuitry, programmable logic gates and gate arrays. Introduces the systems using VHDL simulation. Provides experience with field programmable hardware, logic elements and Boolean algebra, computer applications to geotechnical engineering.

**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. The control unit. Memory and I/O. Hardware support of operation system functions.

**CDA 4213 CMOS-VLSI Design (3) EN ESB**
PR: CDA 3201, CDA 3201L. Covers analysis and design of CMOS processing technology, CMOS logic circuit and design, layout timing and delay, and power and thermal issues. CMOS transistor theory. VLSI system design, case studies and rapid prototyping.

**CDA 4253 Field Programmable Gate Array System Design and Analysis (3) EN ESB**
PR: CDA 3201, CDA 3201L. Covers analysis and design of digital systems using VHDL simulation. Projects experience with field programmable gate logic and gate arrays. Introduces the requirements for field programmable systems; testing of circuitry, and analysis of system design.

**CES 4101 Geotechnical Engineering I (3) EN EGX**
PR: EGN 3353, EGN 3331. Fundamental and experimental concepts in soil mechanics with emphasis on soil properties, soil moisture, soil structure, and shear strength.

**CES 4101L Geotechnical Laboratory (1) EN EGX**
CR: CES 4011. Demonstrates and experiments verifying theoretical bases of Geotechnical Engineering. One hour lecture and two laboratory hours per week.

**CES 4102 Geotechnical Engineering II (3) EN EGX**
PR: CES 4011. Design of retaining walls, earth slopes, foundations to control settlement, soil stabilization and foundations subjected to dynamic loads. Computer applications to soil mechanics will be demonstrated.

**CES 4850 Capstone Geotechnical/Transportation Design MW (3) EN EGX**
PR: CES 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, final design, quantity summation, bid tab planning and specification preparation.

**CES 5115 Foundation Engineering (3) EN EGX**
PR: CES 4011 or CI. Design of shallow foundations, cantilevered and anchored retaining walls, piling, drilled piers and special foundations. Computer applications to geotechnical engineering will be demonstrated.

**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**
PR: EEL 4851C. An overview of software engineering techniques for producing high quality software. Student will participate in a software development team.

**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 4023 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 4031 Software Engineering Concepts for Information Technology (3) US EIT**
PR: EEL 4854 or CI. Concepts associated with production of high quality software and 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 4851C. 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.

**CSES 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.

**CSES 4720 Capstone Structural/Materials Design (3) EN EGX**
PR: EGN 3365, CES 4605, CES 4702. A Capstone Materials design experience for seniors in Civil and Environmental Engineering. This course will provide students with a focused design experience aimed to design for durability and reliability.

**CSES 4740 Capstone Structural/Geotechnical/ Material Design MW (3) EN EGX**

**CSES 4742 Concepts of Structural 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.

**CSES 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.
first semester. When organizations are interrupted by disasters, the organization's health depends on its ability to deal with these disruptions. The extent to which the loss affects the organization’s health depends on its ability to deal with these disruptions.

CGS 5765 Introduction to Unix and C (3) EN ESB

CHI 1120 Modern Chinese I (4) AS WLE
CR: CHI 1120L. Mandarin. An intensive study of basic skills: pronunciation, listening, comprehension, speaking, and some composition.

CHI 1120L Modern Chinese I Laboratory (1) AS WLE
CR: CHI 1120. 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.

CHI 1121 Modern Chinese II (4) AS WLE
CR: CHI 1121L. Mandarin. PR: CHI 1120 or equivalent. A continuation of CHI 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

CHI 1121L Modern Chinese II Laboratory (1) AS WLE
CR: CHI 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 instructional technologies and media.

CHI 2220 Modern Chinese IV (4) AS WLE
PR: CHI 2220 or the equivalent. Continuation of CHI 2220. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

CHI 2221 Modern Chinese IV (4) AS WLE
PR: CHI 2220 or the equivalent. Continuation of CHI 2220. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

CHI 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Modern Chinese not available in the regularly scheduled curriculum at departmental discretion.

CHM 2023 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 view of matter and reactions, quantitative relations in chemical reactions, technological aspects and societal impact.

CHM 2032 Introduction to General, Organic and Biochemistry I (4) AS CHM
No credit for science majors. Fundamental concepts of general, organic, and biological chemistry.

CHM 2045 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 2023 with grade of C or better. Principles and applications of chemistry including properties of substances and reactions, thermodynamics, atomic-molecular structure and bonding, periodic properties of elements and compounds.

CHM 2045L 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 2046 General Chemistry II NS (3) AS CHM
PR: CHM 2045 or CHM 2045L or equivalent. Continuation of General Chemistry I.

CHM 2046L General Chemistry II Laboratory (1) AS CHM
CP: CHM 2046L. Laboratory portion of General Chemistry II. Continuation of chemistry laboratory.

CHM 2230 Organic Chemistry (4) AS CHM

CHM 2210 Organic Chemistry I (3) AS CHM
PR: CHM 2046, CHM 2046L. Fundamental principles of organic chemistry. Lecture.

CHM 2210L Organic Chemistry Laboratory I (2) AS CHM
CP: CHM 2210 or CHM 2210L. Laboratory portion of Organic Chemistry I. Introduction of organic laboratory principles and techniques.
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<tr>
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### Course Descriptions

- **CHM 2211 Organic Chemistry I** (3) CHM
  
  Prerequisite: CHM 2210 or equivalent. Continuation of organic chemistry. Lecture.

- **CHM 2211L Organic Chemistry Laboratory II** (2) CHM
  
  Prerequisite: CHM 2210L. CR: CHM 2211L. Continuation of organic chemistry laboratory.

- **CHM 2932 Selected Topics in Chemistry** (3) CHM
  
  Topics of interest to students relating to chemistry and other sciences.

- **CHM 3120C Elementary Analytical Chemistry** (4) CHM
  
  Prerequisite: CHM 2046, CHM 2046L. Fundamentals of gravimetric, volumetric, spectrophotometric analysis, Lec.-Lab.

- **CHM 3400 Elementary Physical Chemistry I** (3) CHM
  
  Prerequisite: CHM 2046, CHM 2046L, MAC 2281 or MAC 2311, PHY 2054, PHY 2054L. Introduction to thermodynamics. Properties of solutions with emphasis on biological applications.

- **CHM 3610 Intermediate Inorganic Chemistry** (3) CHM
  
  Prerequisite: CHM 2046, CHM 2046L. Fundamental principles of inorganic chemistry including atomic structure, bonding theories and structural consequences, transition metal chemistry and illustrative laboratory work, Lec.-Lab.

- **CHM 3610L Intermediate Inorganic Chemistry Laboratory** (1) CHM
  
  Prerequisite: Two semesters of general chemistry lecture and lab. CR: CHM 3610. Illustrative laboratory work concerning the fundamental principles of inorganic chemistry including structure, bonding, transition metal chemistry, structural consequences and spectroscopic methods.

- **CHM 4060 Use of the Chemical Literature** (1) CHM
  
  Discussion 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.

- **CHM 4070 Historical Perspectives in Chemistry** (6A MW)
  
  Prerequisite: One year of college chemistry; or senior standing and CI. A study in depth of the historical and philosophical aspects of outstanding chemical discoveries and theories. Lec.-Dis.

- **CHM 4130C Methods of Chemical Investigation I** (4) CHM
  
  Prerequisite: 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) CHM
  
  Prerequisite: CHM 4130C. Continuation of CHM 4130C.

- **CHM 4190 Biomolecules I** (3) CHM
  
  Prerequisite: 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** (4) CHM
  
  Prerequisite: CHM 2046, MAC 2242 or MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Thermodynamics, the state of matter and solutions are presented. The course includes a recitation.

- **CHM 4410L Physical Chemistry Laboratory** (1) CHM
  
  Prerequisite: CHM 4410. A physical chemistry laboratory with emphasis on modern techniques and instruments. Lab.

- **CHM 4411 Physical Chemistry II** (4) CHM
  
  Prerequisite: CHM 2046, MAC 2242 or MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. Introduction to quantum mechanics and molecular spectroscopy. Chemical Kinetics and statistical mechanics are also presented.

- **CHM 4412 Physical Chemistry III** (3) CHM
  
  Prerequisite: CHM 4410. Electrochemistry, kinetic theory of gases, chemical kinetics, surface and nuclear chemistry. Lec.

- **CHM 4413 Biological Chemistry I** (3) CHM
  
  Prerequisite: CHM 2046, MAC 2242 or MAC 2282 or MAC 2312, and PHY 2054 or PHY 2049. This course will cover spectroscopy, bonding and kinetics with emphasis placed on biological molecules and biochemical reactions.

- **CHM 4611 Advanced Inorganic Chemistry** (3) CHM
  
  Prerequisite: CHM 3610C and CHM 4410 or CI. An advanced descriptive and theoretical treatment of inorganic compounds. Lec.

- **CHM 4905 Independent Study** (1-3) CHM
  
  Prerequisite: 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.
system development process, and the fundamentals of EDP auditing.

CIS 4510 IT Project Management (3) US EIT
PR: CI. This course covers the general aspects of project management and emphasizes the important, special considerations which apply to information technology projects. Supporting software is used extensively.

CIS 4900 Independent Study in Computer Science (1-5) EN ESB
PR: EEL 4851C or CDA 3201 and CI. 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 (1-4) EN ESB
PR: EEL 4851C or CDA 3201 and CI.

CIS 4935 Senior Project in Information Technology (3-5) 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 programming, to implementations associated with IT.

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 CI. Analysis of the different treatment philosophies and techniques currently in use in the field, with special attention to experimental and demonstration programs.

CJC 4410 Intervention Techniques and Strategies (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. The course provides students with an introduction to issues in correctional administration in both institutional and community corrections.

CJE 4010 Juvenile Justice System (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Provides coverage of the juvenile and family courts, their clientele, and the complex of human services agencies and facilities that contribute to efforts at juvenile correctional intervention.

CJE 4044 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.

CJJ 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. The course focuses on the conditions which are critical in shaping the delinquent's behavior during their formative years.

CJJ 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-use connection, prevention, early intervention and treatment efforts, and drug use policy.

CJJ 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, probation, and community-based non-secure facilities will be discussed.

CJJ 4110 Substanceive Criminal 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 crime, and court procedures.

CJJ 4074 Correctional Law (3) AS CJP
The course provides students with an introduction to legal issues in the area of corrections, with an emphasis on civil and criminal liability for correctional staff and administrators and on convict's rights.

CJJ 4115 Environmental Law and Crime (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Focuses on juvenile delinquency. This course focuses on the conditions at the federal, state, and local levels and an assessment of career opportunities within the community.

CJJ 4160 Criminal Rights and Procedures (3) AS CJP
PR: CCJ 4010 or CI. Emphasizes the Constitutional issues and rules that are applied and enforced by the courts while processing criminal 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 3110 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 life.

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, such as art, literature, philosophy, with multi-cultural populations in mind. 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.

CLP 2001 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.

CLP 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.

CLP 4343 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.

CLP 4433 Psychosocial Tests and Measurement (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Students may not receive credit for both CLP 4433 and EDF 4430. A consideration of the instruments and personality assessment including their applications, development, and potential abuses.

CLT 3040 Scientific and Medical Terminology (3) AS WLE
A course in the Greek and Latin word elements used in science and technology.

CLT 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. 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 3370 Classical Mythology HP (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 2000 Introduction to Communication SS (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). A survey of communication concepts which impact upon organizational effectiveness.

COM 3110 Communication For Business and the Professions (3) AS SPE
PR: EEL 4851C or comparable introductory programming course and DPR. The class extends students’ 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.

COM 3122 Interview Communication Lab (0) AS SPE
PR: EEL 4854 or CI. Fundamentals of database management, asynchronous programming concepts and database design in the JAVA language. Application development using advanced programming techniques.

COP 3257 JAVA for Experienced Programmers (3) EN ESB
PR: COP 3120 or comparable introductory programming course and DPR. 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 4020 Programming Languages (3) EN ESB
PR: COP 2510 or comparable introductory programming course and DPR. 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 4021 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 4029 Programming Concepts (3) EN ESB
PR: MAC 2281 or equivalent. An examination of a modern programming language emphasizing programming concepts and design methodology.

COP 4227 JAVA for Experienced Programmers (3) EN ESB
PR: COP 3514 or equivalent. Program design and development using the JAVA programming language. Comparison of program design in a procedural language (C recommended) versus design in the JAVA language. Application development using advanced programming techniques.

COP 4333 Visual Basic for Experienced Programmers (3) EN ESB
PR: COP 3514. Program design and development using the Visual Basic language and application development tools. Application development using advanced programming techniques where visual presentation is a priority element.

COP 4334 Visual Basic Programming Technology (3) US EIT
PR: COP 2510 or comparable introductory programming course and DPR. 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 4510 Operating Systems for Information Technology (3) US EIT
PR: CR: EEL 4854 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 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 with operating systems.

COP 4610L Operating Systems Laboratory for Information Technology (1) US EIT
PR: EEL 4854 or CI. Implementation and evaluation of models discussed in the lecture part of the course. Students implement operating system algorithms in stand-alone mode, and modify real operating system code. Students implement and test algorithms in a lab environment.

COP 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 implementations of such systems.

COP 4814 Web Services (3) US EIT
PR: CI. The Web services model, based on the Open Standards of SOAP, WSDL, and UDDI, is studied and applied.

COP 4816 XML Applications (3) US EIT
PR: CI. Completion of prerequisites for admission to IT program. This course introduces students to Extensible Markup Language (XML), a technology for exchanging structured information over the Internet, and examines a sampling of its many applications.

COP 4834 Data-Driven Web Sites (3) US EIT
PR: CI. Completion of prerequisites for admission to IT program. Junior standing or above. This course builds on students’ knowledge of Web development and databases by adding server-side scripting using the PHP language to interact with the MySQL database system to build transaction processing and report generating systems over the Internet.
COP 4835 Web Development Tools (3) US EIT
PR: CI. This course builds on web design concepts and extends them to build and maintain complete Web Sites using the current de facto industry-standard integrated web site development environment/applications.

COP 4930 Information Technology Seminar (1-3) US EIT
PR: Senior standing in Information Technology. A survey of current Information Technology topics are covered to keep the IT student abreast of the variety of domains associated with their major. Speakers with a wide variety of IT experience will give seminars to senior IT students.

COT 3100 Introduction to Discrete Structures (3) EN ESB
PR: MAC 2281 or equivalent. Introduction to set algebra, propositional calculus and finite algebraic structures as they apply to computer systems.

COT 4210 Automata Theory and Formal Languages (3) EN ESB
PR: COT 3100, EEL 4851C. Introduction to the theory and application of various types of computing devices and the languages they recognize.

COT 4400 Analysis Of Algorithms (3) EN ESB
PR: COT 3100, EEL 4851C. Design principles and analysis techniques applicable to various classes of computer algorithms frequently used in practice.

CPO 2002 Introduction to Comparative Politics SS (3) AS POL
Comparison and analysis of representative European and non-Western political systems.

CPO 4034 Politics of the Developing Areas SS AF (3) AS POL
An analysis of the ideologies, governmental structures, and political processes of selected nations of the non-Western world.

CPO 4204 Government and Politics of Africa SS AF (3) AS AF
Designed to provide the information and analytical tools necessary to interpret current Sub-Saharan African politics. Survey of political organization in traditional African societies; politics under colonial rule: the struggle for independence, and post-independence politics.

CPO 4930 Comparative Government and Politics of Selected Countries or Areas (3) AS POL
Studies political systems with common elements. Structure, process, domestic and foreign politics, and regional roles are considered.

CPO 5934 Selected Topics in Comparative Politics (3) AS POL Sr./GS. Studies specific substantive areas in Comparative Politics, such as political economy or the politics of specific countries or regions.

CRW 2100 Narration and Description 6A (3) AS ENG
A study of narrative and descriptive techniques in prose. By making the student sensitive to language usage, the course is designed to bridge the gap between expository writing and imaginative writing.

CRW 3111 Form and Technique of Fiction 6A (3) AS ENG
A study of short narrative forms such as the anecdote, tale, character sketch, incident, monologue, epistolary story, and short story as they have been used in the development of fiction and as they exist today.

CRW 3112 Fiction I 6A (3) AS ENG
PR: CRW 2100 or CRW 3111. An introduction to fiction writing, beginning with a practical study of the various elements of fiction and proceeding through the many processes of revision to arrive at a completed work of art.

CRW 3121 Fiction II 6A (3) AS ENG
PR: CRW 2100 or CRW 3111. CRW 3112. A fiction workshop which provides individual and peer guidance for the student’s writing and which encourages the development of critical skills.

CRW 3311 Form and Technique of Poetry (3) AS ENG
An examination of the techniques employed in fixed forms from the couplet through the sonnet to such various forms as the rondeau, ballad, villanelle, sestina, etc. Principles in the narrative, dramatic, and lyric modes are also explored.

CRW 3312 Poetry I (3) AS ENG
PR: CRW 3311. An introduction to poetry writing utilizing writing exercises employing poetic language and devices; the exercises progress to the writing of both rhymed and unrhymed metrical and non-metrical forms.

CRW 3321 Poetry II (3) AS ENG
PR: CRW 3311. CRW 3312. A poetry workshop which provides individual and peer guidance for the student’s writing and which encourages the development of critical skills.

CRW 4120 Fiction III (3) AS ENG
PR: CRW 2100 or CRW 3111, CRW 3112, CRW 3211. 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 3111, CRW 3112, 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.

CRW 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 popular conventions in serious works. May be taken twice for credit with different topics.

CWR 4103 Water Resources Engineering I (3) EN EGX
PR: CWR 4202. A study of the engineering principles involved in selecting 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 EGX
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 EGX
PR: EGN 3353, CWR 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.

CWR 4512 Capstone Water Resources/Environmental Design MW (3) EN EGX
PR: CWR 4103, ENV 4001. A capstone water resources 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 hydraulic systems, including drainage, water supply, and flood control.

DAA 2100 Fundamentals Of Modern Dance (2) VP DAN
A studio class for students with a serious interest in concert modern dance. Emphasis upon correct alignment, development of strength, rhythmic and dynamic activity, as well as spatial and locomotor patterns. May be repeated up to 6 credit hours.

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. May be repeated up to 8 credit hours.

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 2500 Fundamentals Of Jazz Dance (2) VP DAN
A basic movement course in Jazz Dance involving dance vocabulary, alignment, styles and simple rhythmic patterns. May be repeated up to 6 credits.

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 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 will include polka, clogging, waltz, folk, tap dancing, etc. May be repeated up to 6 credits.

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 studies leading to performance. May be repeated up to 6 credits.

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 by dancing and rehearsing in more advanced choreography, leading to performance. May be repeated.

DAA 3208 Ballet II (1) 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 is covered almost totally as practical work in class with a few outside projects. Concert and performance attendance required. 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. Open to all university students proficient in dance techniques and concurrently enrolled in Modern III/IV and Ballet III. Study and execution of basic principles of composition. Preparation of studies in theme and variations, breath phrases and metric phrases. May be repeated.

DAA 3615 Choreography II (2) VP DAN
PR: DAA 3614. Preparation of studies in rhythm, dynamics, form and motivation. May be repeated.

DAA 3624 Dance Improvisation (2) VP DAN
For majors and non-majors. Exploring various methods of spontaneously creating dance movement in individual and group situations. Structured and unstructured approaches will be explored. May be repeated.

DAA 4111 Modern Dance IV (3-4) VP DAN
PR: Admission by placement audition. Intense work on the growth of personal performance styles. Equal emphasis will be given to training the body in the development of technical excellence. May be repeated.

DAA 4211 Ballet IV (3-4) VP DAN
PR: Admission by placement audition or CI. Perfecting the execution of barre work. Intensification of centre work. More stress on aesthetic quality of movement and phrasing. Students expected to be proficient in pointe work. Outside projects, concerts, and performances are required. May be repeated.

DAA 4616Choreography III (2) VP DAN
PR: DAA 3608 CR: DAA 3108 or above. Work directed toward duets and group dances. The students will submit choreographic ideas for instructor’s approval, then proceed with rehearsals. Lec-lab., reading. Rehearsal hours to be arranged.

DAA 4617Choreography IV (2) VP DAN
PR: DAA 4616. The student will prepare studies based on free form, minimal art, and chance techniques. Lec-lab., reading. May be repeated.

DAA 4685 Performance (1-3) VP DAN
PR: Admission by audition. Open to all university students proficient in dance techniques and concurrently enrolled in technique. Involves rehearsal and performance of works presented by the department. May be repeated.

DAA 4687 Performance (1-2) VP DAN
PR: Admission by audition. Open to all university students proficient in dance techniques and concurrently enrolled in technique. Involves rehearsal and performance of works presented by the department. May be repeated.

DAA 4920 Dance Studies (1-4) VP DAN
PR: CI and CC. Dance Major status. Individual study to extended competency in technique and performance of Dance through participation in special workshops.

DAE 3351 Ethnic/Folk Dance (2) VP DAN
An exploration of ethnic and folk dance forms in various cultures of the eastern and western hemispheres. Students will investigate ways of doing, making, and teaching dances through studio work, videos, performances, and readings.

DAE 4300 Dance Pedagogy: Theory and Practice (3) VP DAN
PR: CI, CC. Designed to provide prospective teachers with opportunities to develop 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 Methods.

DAE 4310 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. May be repeated up to 9 credit hours.

DAE 4936 Senior Seminar in Dance Education (2) VP DAN
CR: DAE 4940. This course represents a synthesis of the teacher Candidate’s courses and is required concurrently with the internship.

DAE 4940 Internship in Dance Education (1-12) VP DAN
CR: DAE 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 to 12 semester hours.

DAN 2100 Introduction To Dance 6A FA (3) VP DAN
PR: CI and CC. 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 2160 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 2760 Tai Chi (2) VP DAN
This course is an introduction to the study of Tai Chi focusing on the medicinal, spiritual and mental aspects of this martial art. May be repeated.

DAN 2761 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.

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 4 credits. 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, video, 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 LW (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 MW (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 4162 Research in Dance (2) VP DAN
PR: Dance major with Junior standing, and completion of two courses in secondary area. Course will introduce basic research methodologies for conducting research in the dance genre, and will serve the student in preparing for future research based study in the field of dance. Students will conduct library, internet, and field research.

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 4784 Special Study in Movement, Theory, Body Alignment (2) VP DAN
Analysis of scientific basis of movement for the dancer through the study of body alignment and movement theories related to dance technique.

DAN 4906 Directed Study (1-5) VP DAN
PR: Cl. 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: Cl. 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.

DEC 4941 Supervised Field Experience: Distance Education (1-6) ED EDV
Planned supervised functions in the area of specialization and coordinated with selected schools, government offices, social agencies, businesses and industries on site.

DEP 2004 The Life Cycle (3) AS GEY
An examination of individuals and the physical, personal, personality, and social changes which occur throughout the 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 environmental determinants of child behavior.

DEP 4053 Developmental Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or Cl. Survey of methods, empirical findings, and theoretical interpretations in the study of human development. Practicum will also be available.

DEP 4135 Psychology of Language Development (3) AS PSY
PR: PSY 3213 with a grade of C or better or Cl. Available both to majors and non-majors. Surveys the course of and processes underlying normal language development. Present 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 methodologies for conducting research in the dance genre, and will serve the student in preparing for future research based study in the field of dance. Students will conduct library, internet, and field research.

EAP 1850 English for Foreign Students I (3) AS WLE
PR: EAP 1850 or Cl. A continuation of EAP 1850. Emphasis on reading and composition.

EAS 4121 Hydro and Aeronodynamics (3) EN EGR
PR: EML 3701, MAP 2302. Advanced fluid dynamics, ideal and viscous flows, applications to flow around immersed bodies.

ECH 3023C Material and Energy Balances (4) EN ECH
PR: PHY 2048, MAC 2311, CHM 2210, CI. The application of mass and energy balances to chemical engineering problem solving. Integration of previous knowledge into the definition of reactors and separation processes, through the hierarchical use of material balance, phenomenological and energy balance equations. Representation of mass and energy processes as arrows in the Box Flow Diagrams. BFD. Application of degree of freedom analysis.

ECH 3242L Chemical Engineering Lab I (1) EN ECH
PR: ECH 3023C, ENC 3246, ECH 3245 The theory and application of 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 (3) EN ECH
PR: MAP 2302 or ECH 3433, ECH 3434 and ECH 3023C or Cl: Basic concepts of electric circuits and their applications. Resistors, capacitors, inductors, logic operations, junction devices. Programmable Logic Controllers

ECH 4123 Chemical Engineering Thermodynamics (3) EN ECH
PR: ECH 3023, ECH 3433, MAP 2302 or ECH 3434. Correlation of thermodynamic properties of real systems and solutions. Description of multicomponent, multiphase systems in equilibrium. Applications to separation processes and reactor design.

ECH 4243L Chemical Engineering Lab II (1) EN ECH
PR: ECH 4265C, ECH 3242L. Chemical Engineering processes laboratory experiments: fluid flow, heat transfer, phase and chemical equilibria, reacting systems, and process control.

ECH 4244L Chemical Engineering Lab III (1) EN ECH
PR: ECH 4415C, ECH 4243L. Chemical Engineering Processes laboratory experiments: fluid flow, heat transfer, reacting systems, and process control. Majors only. Not repeatable for credit.

ECH 4264 Transport Phenomena (4) EN ECH

ECH 4265C Mass Transfer Operations (4) EN ECH
PR: ECH 4245, ECH 4264, ECH 4123. 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 cascades — NTU and HTU. Sizing of partial condensers and pressure differential in columns. Transfer to single particles.

ECH 4323 Process Dynamics and Control (3) EN ECH

ECH 4415C Reaction Engineering (4) EN ECH
PR: CHM 2210, ECH 4265C. Integration of chemical equilibrium and kinetics, heat transfer and fluid mechanics into the hierarchical description of reacting systems. Analysis and selection of operating conditions and contacting models. Sizing. Restricted to department majors.

ECH 4605 Product and Process Systems Engineering (3) EN ECH
Foreign exchange market, international monetary system balance of payments.

ECO 4723 International Trade and Policy (3) BA ECN
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 ECN
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 ECN
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor. May be repeated up to 6 hours.

ECO 4935 Selected Topics in Economics (1-3) BA ECN
Topics to be selected by the instructor or instructors on pertinent economic issues.

ECP 3201 Economics of Women and Work MW (3) BA ECN
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 3202 Environmental Economics MW (3) BA ECN
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 ECN
PR: ECO 2013 and ECO 2023. Economic analysis of the rationales 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 ECN
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 ECN
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 ECN
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 ECN
PR: ECO 2013 and ECO 2023. Advanced analysis of the economic impact of tort, criminal, property, and contract law as well as in the formation and adjudication of law.

ECP 4505 Economics of Crime (3) BA ECN

ECS 3013 Economic Development (3) BA ECN

ECS 4003 Comparative Economic Systems MW (3) BA ECN
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. The major economic systems: traditional, capitalism, democratic socialism, communism and fascism.

ECS 4330 Economics of Latin America AF MW (3) BA ECN
PR: ECO 1000, or BOTH ECO 2013 and ECO 2023. The course examines key aspects of economic reform efforts in Latin America and the Caribbean and the challenges facing the region at the beginning of the 21st century.

EDE 4223 Creative Experiences for the Child (3) ED EDE
PR: Acceptance into College of Education. Provides students with critical understanding of visual arts, music, movement, and drama in K-6 curriculum. Students will develop knowledge and strategies to incorporate creative expression into integrated curriculum. Restricted to majors. Not repeatable.

EDE 4301 Classroom Management, School Safety, Ethics, Law and Elementary Methods (3) ED EDE
PR: Admission to the program in the Department of Childhood Education. This course examines the legal issues affecting classroom/school management, school safety, professional ethics and elementary school methods. The course explores the current knowledge of best practices of a variety of teaching and management strategies and methods deemed appropriate for a diverse elementary classroom setting including ESOL students and other exceptionalities.

EDE 4905 Independent Study: Elementary Education (1-4) ED EDE
S/U only. Specialized independent study determined by the student’s needs and interests.

EDE 4909 Directed Study: Elementary Education (1-4) ED EDE
PR: Senior standing. To extend competency in teaching field.

EDE 4940 Internship: Elementary Education (10-12) ED EDE
PR: EDE 4941 and EDE 4942; CR: EDE 4936. S/U only. Teacher candidate is required to demonstrate professional competencies during one semester of full day internship in a public or private elementary school.

EDE 4941 Child Development Internship Level I (3) ED EDE
PR: Admission to the Elementary Education. CR: RED 4310, EDG 4620. Concurrent enrollment in early childhood education section. S/U only. Students spend six hours per week in a supervised in-school experience and attend weekly seminar.

EDE 4942 Child Development Internship Level II (6) ED EDE
PR: EDE 4941. RED 4620, EDG 4622, LAE 4314, EDE 4301, MAE 4310, SCE 4310, LAE 4414, SSE 4313, EME 2040. S/U only. Students spend 12 hours per week in a supervised internship experience in classroom settings and attend a weekly seminar.

EDE 5005 Introduction to Education and Field Experience (3) ED EDE
Introductory survey course required for admission into the College of Education. A broad overview of the history, sociology and philosophy of education in the United States focuses on education as a field of study and teaching as a profession. Includes lecture and field experience.

EDE 3122 Learning and the Developing Child (3) ED EDF
PR: General psychology and admission to College of Education. Preadolescent child growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of classroom.

EDE 3214 Human Development And Learning (3) ED EDF
PR: General psychology and admission to College of Education. Application of respondent and operant learning principles to classroom learning, teaching models for different instructional goals, analysis of teacher behavior, micro-teaching.

EDE 3228 Human Behavior and Environmental Selection 6A MW (3) ED EDF
Learning principles, behavior analysis applied to global environmental and social issues. Requires elementary computer word processing skills.

EDE 3514 History of Education in the United States HP MW (3) ED EDF
PR: Upper-division standing. History of childhood, education, and schooling in the U.S. from early European and African contact to the present.

EDE 3604 Social Foundations of Education MW (3) ED EDF
PR: Upper level standing. Social, economic and political context within which schools function and the values which provide direction for our schools.

EDE 4111 Child Growth and Learning (3) ED EDF
An introduction to child development and learning from an educational and psychological perspective. Emphasis is on the application of relevant concepts and strategies to incorporate creative expression into integrated curriculum. Not repeatable. Not repeatable.

EDE 4131 Learning And The Developing Adolescent (3) ED EDF
PR: General psychology and admission to College of Education. Adolescent growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of the classroom.

EDE 4433 Measurement For the 21st Century (3) ED EDO
PR: Upper level standing. Concepts and skills related to designing and developing classroom tests; evaluating tests, instruction, and student progress; and communicating student achievement. Including application of performance assessment techniques.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC 2701</td>
<td>Teaching Diverse Populations and Field Experience (3) ED EDC</td>
<td>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.</td>
</tr>
<tr>
<td>EDC 4230</td>
<td>Introduction to Creative Drama (3) VP EDD</td>
<td>This course for classroom teachers introduces the theory and practice of creative drama as it applies to use by elementary, middle school and secondary school teachers. Beginning with a study of dramatic play as it relates to human development, the course includes basic strategies when using pantomime, voice improvisation, theatre games, and role playing and story dramatization.</td>
</tr>
<tr>
<td>EDC 4620</td>
<td>Curriculum and Instruction (3) ED EDC</td>
<td>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.</td>
</tr>
<tr>
<td>EEC 2000</td>
<td>Introduction to Early Childhood Education (3) ED EDU</td>
<td>An overview of early childhood education with emphasis on its historical development, current theories, and practices.</td>
</tr>
<tr>
<td>EEC 4008</td>
<td>Literature in Early Childhood Education 6A LW (3) ED EDC</td>
<td>Jr./Sr. Standing. Emphasis is placed on developing knowledge of literature for children who have emotional and behavioral disabilities. Initially, emphasis will be placed on how science and mathematics are integrated throughout the curriculum and become valued functional tools.</td>
</tr>
<tr>
<td>EEC 4203</td>
<td>Programs for Young Children (3) ED EDU</td>
<td>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.</td>
</tr>
<tr>
<td>EEC 4211</td>
<td>Integrated Curriculum: Science and Mathematics (3) ED EDF</td>
<td>PR: 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.</td>
</tr>
<tr>
<td>EEC 4212</td>
<td>Integrated Curriculum: Social Sciences/Humanities &amp; Art (3) ED EDU</td>
<td>PR: 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 sociological influences such as culture, ethnicity, language and gender impact understandings, values, and learning.</td>
</tr>
<tr>
<td>EEC 4303</td>
<td>Creative and Affective Experiences for Young Children (3) ED EDU</td>
<td>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 dramatic play. Emphasizes how to plan, implement, and evaluate appropriate learning experiences as well as selection of appropriate instructional materials.</td>
</tr>
<tr>
<td>EEC 4905</td>
<td>Independent Study: Early Childhood Education (1-4) ED EDF</td>
<td>PR: S/U only. Early Childhood majors only. Specialized independent study determined by the student’s needs and interests.</td>
</tr>
<tr>
<td>EEC 4909</td>
<td>Directed Study: Early Childhood Education (1-3) ED EDF</td>
<td>PR: Senior standing. To extend knowledge in teaching field.</td>
</tr>
<tr>
<td>EEC 4936</td>
<td>Senior Seminar in Elementary Early Childhood Education (2) ED EDU</td>
<td>PR: Senior standing; CR: EEC 4940. Synthesis of teacher candidate’s courses in complete college program.</td>
</tr>
<tr>
<td>EEC 4941</td>
<td>Field Experience I (3) ED EDU</td>
<td>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.</td>
</tr>
<tr>
<td>EEC 4942</td>
<td>Field Experience II (3) ED EDU</td>
<td>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.</td>
</tr>
<tr>
<td>EEC 4943</td>
<td>Field Experience III (3) ED EDU</td>
<td>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.</td>
</tr>
<tr>
<td>EED 4011</td>
<td>Introduction to Behavior Disorders (3) ED EDS</td>
<td>PR: EEX 4011, or equivalent. DFR. Survey of emotional, behavioral and social disorders in children and youth. History of the field, definitions, classifications, theoretical approaches, intervention techniques, classroom management, service delivery models, trends, and issues.</td>
</tr>
<tr>
<td>EED 4909</td>
<td>Directed Study: Behavior Disorders (1-3) ED EDS</td>
<td>PR: Senior standing, DPR. To extend competency in teaching field.</td>
</tr>
<tr>
<td>EEE 2161</td>
<td>Undergraduate Supervised Practicum in Behavior Disorders (1-6) ED EDS</td>
<td>PR: EEX 4011. S/U only. DPR. Supervised field experience in assessment, classroom management, and clinical teaching with children who have emotional and behavioral disabilities.</td>
</tr>
<tr>
<td>EEL 2261</td>
<td>Electrical Engineering Computer Methods (3) EN EGE</td>
<td>Use of computers to perform analysis, simulation, and design of Electrical Engineering systems. Use of computer systems, including Internet resources. Use of analytical software.</td>
</tr>
</tbody>
</table>
programming in C++ for the solution of Electrical Engineering problems.

EEL 4100 Network Analysis and Design (3) EN EGE
PR: EGN 3420 with a minimum grade of C and EGN 3374 with
a minimum grade of B. A third course in linear circuit analysis
and design. Transient and steady-state responses of passive RLC
networks to various functions.

EEL 3302 Electronics I (3) EN EGE
PR: EGN 3373 with a minimum grade of B. A course in the
principles of electronic devices with emphasis on semi-
conductor electronics. Includes the analysis and design of
amplifiers and switching circuits.

EEL 4102 Linear Systems Analysis (3) EN EGE
PR: EGN 3420 with a minimum grade of C and EGN 3374 with
a minimum grade of B. Provides further study in the analysis of
linear networks and systems. Includes time and frequency domain
points of view. Laplace, Fourier and semiconductor properties.

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 3301 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 3394. An introduction to the fundamentals of
semiconductor materials and semiconductor device operation.

EEL 4420 RF & Microwave Circuits I (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 to be included are network analyzer,
signal 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 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 one 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 or EGN 3433, PHY 2049, PHY 2049L and EGN
3373 with a minimum grade of B. Electromagnetic field theory,
including static and dynamic electromagnetic fields; applications;
radio interference effects (effects of radiation, magnetic fields).

EEL 4512C Introduction to Communication Systems (3) EN EGE
PR: EEL 3100. Provides an introduction to the fundamental
principles and techniques 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 3392L, EEL 3392, EEL 4471. 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 4567 Linear Control Systems (3) EN EGE
PR: EEL 3100. Introduction to analysis and design of linear
feedback control systems. Covers block diagram, flow charts.
Bode, Nyquist, and root locus techniques.

EEL 457L Linear Controls Laboratory (1) EN EGE
PR: EEL 3100; CR: EEL 4567. This laboratory introduces students
to the techniques needed for the design and implementation of
automatic industrial control systems. Students will learn the
basics of the software and hardware used for the design and
implementation of control systems.

EEL 4705 Logic Design (3) EN EGE
PR: EGN 3373 with a minimum grade of B for EE students only.
Binary number systems; truth functions; Boolean algebra;
canonical forms; minimization of combinational logic circuits;
synchronous logic circuits in computers.

EEL 4705L Logic Laboratory (1) EN EGE
CR: EEL 4705. Develops designs and demonstrates logic concepts.
Schematic capture for design implementation, simulation and
design verification.

EEL 4743L Microprocessor Laboratory (1) EN EGE
CR: EEL 4744. Application of microprocessors and
microcontrollers for data entry, processing, display and real time
signal input/output and control.

EEL 4744 Microprocessor Principles and Applications (3) EN EGE
PR: EEL 4705. Functional Description. Arithmetic and Logic
capabilities. Control and Timing. Interrupts and priority systems.
Software design and documentation. Distributed function
implementation.

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 4450, EEL 4651C. 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 4781C 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 (1) 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 and Degree Program Admission. CSE
majors only. Understand and implement fundamentals of concise
data structure and organization for program efficiency, clarity
and simplification. Implementation of different data types and
structures. Understanding of current data structures.

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
reviewed.

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 (3) EN EGE
PR: 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 vulnerability, ethics, social responsibility, and 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 will 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 4705 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. Top down 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

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; semiconductor properties.

EEL 5462 Antenna Theory (3) EN EGE
PR: EEL 4471 or GS. Antenna theory beginning with fundamental parameter definitions and continuing with mathematical concepts, elemental 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.x, LAN Standards; High speed LANs such as FDDI, IEEE 802.6 MAN, etc.; Internetworking; LAN/MAN Design and selections.

EEL 5631 Digital Control Systems (3) EN EGE
PR: EEL 4657 or GS. Sample data and digital control processes.

EEL 5794C 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; multiprocessor 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 point-plotting, line drawing, two-dimensional transformations and graphics software packages.

EEL 5935 Special Electrical Engineering Topics I (1-3) EN EGE
EEL 5936 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 prevention of "mainstream" exclusionary practices. Emphasis on the integration of information for educational programming and individualization of instruction.

EEX 4221 Educational Assessment of Exceptional Students (3) ED EDS
PR: EEX 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 4204 Behavior Management for Special Needs and At-Risk Students (3) ED EDS
PR: EEX 4011. CR: EEX 4941, ELD 4941, or EMR 4941. Techniques to prevent, analyze, and manage challenging and disruptive classroom behavior as well as teaching social skills.

EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues 4A LW (3) ED EDS
DPR. This course is designed to use literature as a way to interpret the lives of individuals with disabilities, their families and those who play an educational role in their lives. The course also addresses cultural and ethnic diversity so as to better analyze the role of ethics and values in decisions made pertaining to individuals with disabilities.

EEX 4846 Clinical Teaching in Special Education (3) ED EDS
PR: EEX 4011, DPR. CR: EEX 4941. Effective teaching principles, instructional management procedures, and specialized teaching techniques for exceptional students.

EEX 4905 Independent Study: Exceptional Student Education (1-3) ED EDS
PR: DPR. S/U only. Specialized independent study determined by the student’s needs and interests.

EEX 4909 Directed Study: Exceptional Student Education (1-3) ED EDS
PR: Senior standing. DPR. To extend competency in teaching field.

EEX 4936 Senior Seminar in Exceptional Student Education (1) ED EDS

EEX 4940 Internship: Exceptional Student Education (1-12) ED EDS
CR: EEX 4936. S/U only. One full semester of internship in an accredited public or private school.

EEX 4941 Practicum in Exceptional Student Education (1-4) ED EDS
CR: Sem I: EEX 4011; Sem II: EEX 4604; Sem III: EEX 4221 and EEX 4846. Designed to provide teacher candidates with carefully planned and supervised clinical experiences with exceptional student populations in a variety of settings. Candidates demonstrate the ability to apply concepts, theories and research. Repeatable up to six credit hours.

EEX 5705 Seminar in Preschool Handicapped (2) ED EDS
Intended to familiarize the education student with the wide range of needs and services of the preschool children with disabilities and their families and how they coordinate with educational services.

EEX 5752 Working With Families: A Pluralistic Perspective (3) ED EDS
PR: Introductory course in special education, GS. The impact of the socio/cultural environment on the education of at-risk children and children with disabilities; family systems theory, principles of multi-cultural education, strategies for working effectively with families of school-age children, diverse cultures and family structures represented in school populations today.

EQL 4941 Undergraduate Supervised Practicum in Gifted Student Education (1-6) ED EDS
Organized, supervised experiences with gifted children. Specific experiences may be either a combination of observation and assistance with gifted children or individualized projects.
Egi 5051 Nature and Needs of the Gifted (3) ED EDS
This survey course examines the characteristics and educational needs of children and youth who are gifted, including those from special populations. Emphasis is on giftedness as defined historically, nationally and locally. The course also explores changing views of intelligence and talent development related to policy and practice in gifted education as well as the processes of identification and programming.

Egi 5325 Theory and Development of Creativity (3) ED EDS
Exploration of the concept of creativity, its factors, measurement, and application to education. Opportunities are given to work with children in a laboratory setting and to prepare materials to be used with small groups of children.

Egn 2031 History of Technology HP (3) EN EGB
Covers the evolution of technology and its influence on society from prehistoric man to the modern day. Topics include: several technological ages of man, methods of producing power, materials, transportation, computation and calculation, and technology and society.

Egn 2080 Light and the Arts: A Quantitative Approach FA (3) EN EGB

Egn 2081 Circuit Mathematics and Physics (2) EN EGB
Remedial work on the mathematical and physical concepts that are necessary for EGN 3373. Differentiation and integration, complex numbers, phasors, vectors, the physical laws for resistors, capacitors, and inductors.

Egn 2062 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, 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 their application to the solution of engineering problems. The programming language, FORTRAN, will be the most emphasized tool, but coverage will also be given to other engineering/mathematical tools such as equation solving tools and spreadsheets.

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 3063 Statics (3) EN EGB

Egn 3321 Dynamics (3) EN EGB
PR: EGN 3311. Dynamics of discrete particles; kinematics and kinetics for rigid bodies. Lec.

Egn 3331 Mechanics of Materials (3) EN EGB
PR: EGN 3311. Stress, strain, Hook's Law; torsion, beam, column analysis; combined stresses; inelastic effects, limit design. Lec.

Egn 3331L Mechanics of Materials Laboratory (1) EN EGB

Egn 3334 Thermodynamics I (3) EN EGB

Egn 3353 Basic Fluid Mechanics (3) EN EGB

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 fluids, pipe flow with minor losses, simple fluid machinery, momentum and external flow. Steady state conductive and convective heat transfer.

Egn 3365 Materials Engineering I (3) EN EGB
PR: CHM 2046; CR: EGN 3311. Structure and property relationships in engineering materials, i.e., metal, ceramic and polymer systems. Environmental effects are also treated.

Egn 3373 Introduction to Electrical Systems I (3) EN EGB

Egn 3374 Introduction to Electrical Systems II (3) EN EGB
PR: EGN 3373 with a minimum grade of B. CR: MAP 2302. A second course in linear passive circuits (following EGN 3373). An extension of the physical principles and models, AC/DC steady-state, transient analysis and power analysis techniques.

Egn 3375 Electromechanical Systems (3) EN EGB
PR: EGN 3373 with a minimum grade of B. Analysis of electromechanical device performance: transformers, transducers, DC motors and generators, AC motors and alternators.

Egn 3420 Engineering Analysis (3) EN EGB
PR: MAC 2282. Introduction to aspects of matrix algebra and complex algebra which are essential in engineering: simultaneous equations, connection matrices, basic eigenvalue theory, the complex exponential.

Egn 3433 Modeling and Analysis of Engineering Systems (3) EN EGB
PR: MAC 2283, PHY 2049. Dynamic analysis of electrical, mechanical, hydraulic and thermal systems; Laplace transforms; numerical methods; use of computers in dynamic systems; analytical solution to first and second order ODEs. Restricted to majors.

Egn 3443 Engineering Statistics I (3) EN EGB
PR: MAC 2282. An introduction to the basic concepts of statistical analysis with special emphasis on engineering applications.

Egn 3610C Engineering Economy I (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
Presents 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.

Egn 4386 Materials Engineering II (3) EN EGB
PR: EGN 3365. Applications and structure property relationships of commonly used engineering materials. Steel, nonferrous alloys and their welding, heat treatment and processing. Introduction to ceramic and polymeric materials.

Egn 4420 Numerical and Computer Methods in Engineering (3) EN EGB

Egn 4450 Introduction to Linear Systems I (2) EN EGB
PR: MAC 2282. Study and application of matrix algebra, differential equations and calculus of finite differences.

Egn 4451 Introduction to Linear Systems II (2) EN EGB
Non-technical survey of engineering activities: utilities, nuclear power, genetics weaponry, space, etc. Students conduct individual in-depth study of environmental/ethical problem.

Egn 4495 Independent Study (1-5) EN EGB
PR: CI. Specialized independent study determined by the students' needs and interests.

Egn 4499 Special Topics in Engineering (1-3) EN EGB
PR: CI. New technical topics of interest to engineering students.

Egn 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.

Egn 5422 Engineering Applications of Partial Differential Equations (3) EN EGB

Egn 5423 Neural Networks and Mathematics for Communication (3) EN EGB
Finite fields and coding applications. Probabilities of error detection and correction in physical and communication networks. Advanced matrix algorithms: LU and QR factorizations, least-squares, pseudoinverses.
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 managerial 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. 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
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. Vocational Industrial Clubs of America activities may be included.

EIV 5315 Program Management: Diversified Cooperative Training (3) ED EDV
Organization, coordination, and budgeting of adult, cooperative, and special programs.
multimedia, models for integrating technology into instruction, tools and telecommunication.

**EML 5403 Microcomputers in Education (3) ED EDK**
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 computer 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 integration and 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 trains; inertia forces in mechanisms; flywheels; balancing of rotating masses.

**EML 3303 Mechanical Engineering Lab I (3) EN EGR**

**EML 3500 Mechanics of Solids (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 3343. Power and refrigeration systems; fuels and combustion; internal combustion engine cycles; co-generation; nuclear energy; methods of economic analysis.

**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 and EML 3041. The course introduces manufacturing types and applications of advanced composites. Students study micromechanical and macromechanical behavior of a lamina and analyze and design a laminated structure made of advanced composite materials.

**EML 4246 Tribology (3) EN EGR**
PR: EML 4501. 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 4302 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. Lab, Lec. 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 rise; 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, furnace, steam generated auxiliary system design. Topics include control of our emissions, design and performance of combined power facilities.

**EML 4416 Propulsion I (3) EN EGR**
PR: EML 3971, 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**
This course is for the application 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 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 Capstone Design MIV (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**
CR: CI. Comprehensive design or feasibility study project. In some cases may be a continuation of EML 4551.

**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.

**EMR 5930 Special Topics III (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 implications. This course is required by the state for certification in mental retardation.

**EMR 4230 Educating the Severely/Profoundly Handicapped (3) ED EDS**
PR: EML 3011 or DPR. Emphasis on educational methods and materials for teaching children with severe/profound handicaps. Practicum/field experience linkage.

**EMR 4905 Independent Study: Mental Retardation (1-3) ED EDS**
PR: MR. May be repeated when subjects vary. ADR. Specialized independent study determined by the student’s needs and interests.

**EMR 4909 Directed Study: Mental Retardation (1-3) ED EDS**
PR: MR. Offered only as a scheduled class. To extend competency in teaching field.
**EMR 4941 Undergraduate Supervised Practicum in Mental Retardation (1-6) ED EDS**  
PR: EEX 4011. S/U only. DPR. Supervised field experiences in assessment, behavior management, and clinical teaching with children who have mental retardation.

**ENC 1121 Composition I: Honors 6A EC (3) AS ENG**  
PR: ENG 1101 and ENC 1102 must be taken in numerical sequence. Instruction and practice in the skills of writing and reading.

**ENC 1122 Composition II: Honors 6A EC (3) AS ENG**  
PR: ENC 1101. Instruction and practice in the skills of writing and reading.

**ENC 1123 Composition III: Honors 6A EC (3) AS ENG**  
Reserved for students in University Honors. Honors Section of ENC 1102.

**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 2326 Advanced Technical Writing (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. Credit will not be counted toward the English major.

**ENC 2350 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 most 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 to teach the techniques for writing 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; physical research reports; and feasibility reports.

**ENG 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.

**ENG 4351 Selected Topics in Professional and Technical Writing (3) AS ENG**  
PR: ENG 3250, ENC 2210, or ENC 3310 or CI. Focus of the course will be determined by student demand and instructor interest. Topics to be covered may include legal writing, the conventions of business writing, writing in the medical fields, and writing for the social sciences. May be taken twice for credit with different topics.

**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 Reading (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 English 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 <i>Beowulf</i>, Chaucer, Malory, More, Hooker, Skelton, Wyatt, Sidney, Spenser, Shakespeare, Donne, and Marlowe.

**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 1780-1900 (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 3331 Early Shakespeare (3) AS ENG**  
A study of from five to eight of Shakespeare’s comedies, histories, and early tragedies, ending with <i>Hamlet</i>. Special attention to the student’s ability to read and interpret the text.

**ENL 3332 Later Shakespeare (3) AS ENG**  
A study of from five to eight of Shakespeare’s problem plays, major tragedies, and late romances. Special attention to the student’s ability to read and interpret the text.

**ENL 3334 Shakespeare from an Historical Perspective (3) AS ENG**  
A study of early and later British novels such as works by Fielding, Smollett, Sterne, Austen, Scott, Dickens, Eliot, and Hardy, among others.

**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 3303 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 may vary. Will be taken twice for credit with different topics.

**ENL 4117 Chaucer (3) AS ENG**  
An intensive study of <i>The Canterbury Tales</i> and major critical concerns.

**ENL 3336 Advanced Studies in Shakespeare (3) AS ENG**  
PR: ENG 3331 or ENL 3331, 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 3341 Milton (3) AS ENG**  
Study of the poetry and major prose of John Milton, with special emphasis on <i>Paradise Lost</i>.

**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 4004 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 4357 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 EGX
PR: ECH 3023C, EGN 3353, ENV 4001. The theory and design of unit processes normally used in environmental engineering such as coagulation of colloidal materials, water stabilization, water softening and neutralization, 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 wastewater treatment, including chlorination, activated carbon absorption, 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 486 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 wastewater treatment and other critical water transport systems and wastewater and collection systems. The course emphasizes the design procedure 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 control technology are discussed. Regulatory aspects and air pollution standards are covered.

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; and wastewater treatment systems. (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 process used in water and wastewater treatment including chlorination, activated carbon adsorption, biological treatment, gas-liquid mass transfer, filtration, coagulation, flocculation, and settling. This course is restricted to majors. No external laboratory section associated with the course, is not available on an S/U basis only, is not cross-listed with another department or college.

ENV 3004C Introduction to Entomology (4) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2111, BSC 2111L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course, or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712. An introduction to general aspects of insect morphology, development, and classification. The identification of local forms will be emphasized. Fieldwork required. Lecture and Laboratory.

ENY 5505C Aquatic Entomology (4) AS BIO
PR: ENV 3004C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and CI. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHM 2211. Taxonomy, development, and ecology of aquatic insects with emphasis on freshwater and wetland forms. Fieldwork required. Lecture and Laboratory.

EPH 5051 Advanced Theories in Motor and Physical Disabilities (3) ED EDS
PR: EEX 4011 or DPR. Biological and functional aspects of motor and physical health 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, multihandicapped conditions including rehabilitation and other community services.

ESE 4322 Classroom Management for Diverse School and Society (3) ED EDS
Focuses on classroom management in secondary schools including classroom climate, specific strategies to address management issues, school safety, violence, diversity, ethics, and educational law.

ESI 3342 Teaching the Adolescent Learner (3) ED EDS
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 standards-based instruction.

ESE 5344 Classroom Management for a Diverse School and Society (3) ED EDS
This course covers practical, theoretical, philosophical and ethical aspects of school and society, the education profession, and secondary schools with particular focus on classroom management, school violence, school safety, educational law and student behavior.

ESI 4221 Industrial Statistics and Quality Control (3) EN EGS
PR: EGN 3443, EIN 4111. 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 EGS
PR: EGN 3443. Activity forecasting models and control. Design and control of inventory control models; both designs applicable to engineering analyses. Analysis of variance and regression.

ESI 4312 Deterministic O. R. (3) EN EGS
PR: COP 2510, EGN 4450. Introduction to operations research techniques with particular emphasis on deterministic models. Linear programming, dynamic programming, goal programming, integer programming, and PERT/CMP networks are considered.

ESI 4313 Probabilistic O. R. (3) EN EGS
PR: COP 2510, EGN 4443. Probabilistic models in Operations Research. Discrete and continuous time processes, queuing models, inventory models, simulation models, Markovian decision process and decision analysis.

ESI 4523 Industrial Systems Simulation (3) EN EGS
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 (1) EN EGS
PR: EIN 4364, CR: EIN 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 5219 Statistical Methods For Engineering Managers (3) EN EGS
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 5236 Reliability Engineering (3) EN EGS
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 EGS
Not open to students who have had ESI 4312. ESI 5219 or equiv., majors only. Linear programming, non-linear programming, queuing, inventory, network analysis.

ESE 5470 Manufacturing Systems Analysis (3) EN EGS
PR: CC, majors only. The study of systems of manufacturing enterprises such as machine tools, robots, and materials handlers. Emphasis is on mathematical description of integrated systems and system optimization. Fieldwork required. Lecture and Laboratory.

ESE 5522 Computer Simulation (3) EN EGS
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 3612 Operations Management (3) EN ESB
PR: MAC 1105, CR: STA 2023. This course examines global strategies, project management, forecasting, location, scheduling, human resources, quality and math models as applied to the design and management of industrial operations.

ETG 3933 Selected Topics in Technology (1-5) EN ESB
Selected Topics in Technology is repeatable for credit for 12 hours.

ETG 4934 Special Topics in Technology I (1-5) EN ESB
PR: CT No credit for Engineering Majors.

ETG 4932 Special Topics in Technology II (1-5) EN ESB
PR: CT No credit for Engineering Majors.

ETI 4116 Industrial Quality Control (3) US EIT
PR: STA 2023. This course teaches the students the fundamental concepts of managing a quality assurance system.

EUH 2011 Ancient History I HP (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 beginnings of civilization in Italy to the division of the Roman Empire. A.D. 285.

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
A thematic survey of the Middle Ages. EUH 2022 treats the mature medieval civilization of Europe, circa 1050-1500.

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 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 democratic welfare state.

EUH 3185 Roman Republic (4) AS HTY
A study of ancient Rome focusing on the brilliant period of the Republic, from the beginning of the Roman Republic to the death of Julius Caesar in 44 B.C. Emphasis is on Rome's government and political thought. Rome's political institutions and thought will provide the framework for the treatment.

EUH 3187 Roman Empire (4) AS HTY
A study of Roman Imperial 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 3412 Roman Republic (4) AS HTY
A study of the Roman Republic from 509 B.C. to the assassination of Julius Caesar in 44 B.C., with a prelude treating Rome's early development under royalty. 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 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 3421 Roman History to 1500 (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 3501 German History 1870 to the Present (4) AS HTY
A study of the major developments in British history from the 15th century to 1750. 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 democratic welfare state.

EUH 3501 British History to 1668 (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 democratic welfare state.

EUH 3502 British History 1668 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 democratic welfare state.

EUH 3576 History of the Soviet Union, 1917-1991 (4) AS HTY
A study of Soviet society under communism from the Revolution to the collapse of the USSR. Topics include the origins and development of revolutionary socialism, the Bolshevik seizure of power, Stalinism and the Great Terror, popular dissent and resistance, the treatment and experience of ethnic minorities, Gorbachev and the dissolution of the Soviet Union.

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 inscriptions, outlook and daily life. Viking expansion into Europe and North America.

EUH 3186 Medieval Society (4) AS HTY
A study of the daily life and attitudes of the medieval nobleman, 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 eastern Mediterranean.

EUH 3412 Roman Republic (4) AS HTY
A study of the Roman Republic from 509 B.C. to the assassination of Julius Caesar in 44 B.C., with a prelude treating Rome's early development under royalty. 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 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 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 1668 (4) AS HTY
A study of major developments in British history from the 15th century to 1668.

EUH 3502 British History 1668 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 democratic welfare state.

EUH 3576 History of the Soviet Union, 1917-1991 (4) AS HTY
A study of Soviet society under communism from the Revolution to the collapse of the USSR. Topics include the origins and development of revolutionary socialism, the Bolshevik seizure of power, Stalinism and the Great Terror, popular dissent and resistance, the treatment and experience of ethnic minorities, Gorbachev and the dissolution of the Soviet Union.

EVR 2001L Environmental Science Lab (1) AS ESP
A laboratory course linking the human and physical/biological world. The lab will develop an understanding of population and resource interactions and complement the lecture course. Field trips.

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EVR 4104 Karst Environments (3) AS ESP
PR: EVR 2001. The objective is to provide an understanding of the scientific principles pertaining to karst environments in Florida and around the world. Both physical processes and human interactions/impacts will be examined. Not restricted to majors and not repeatable.

EVR 4114 Climate Change (3) AS ESP
PR: EVR 2001. The objective is to provide an understanding of the scientific principles pertaining to global and regional climate change. Both mechanisms causing the change and human impacts on climate will be examined. Not restricted to majors and not repeatable.

EVR 4218 Research Methods in Wildlife Ecology (3) AS ESP
Research Methods in Wildlife Ecology will review the ways in which data are collected, analyzed, and reported, so that informed decisions about wildlife management and conservation can be made. The course will have both classroom and field components.

EVR 4900 Directed Readings (1-6) AS ESP
To provide advanced students with interdisciplinary research experience in areas of specific interest.

EVR 4905 Independent Study (1-6) AS ESP
To provide advanced students with the opportunity for independent study in areas of specific interest.

EVR 4910 Environmental Science and Policy Project (3) AS ESP
Open to senior majors only. S/U only. Environmental science project consists of research in a field related to environmental science/environmental policy. Supervised by a faculty member. Contract and report required.

EVR 4921 Environmental Science and Policy Seminar (1) AS ESP
Restricted to senior majors. S/U only. A topical reading and discussion seminar focusing on the interdisciplinary nature of environmental science and environmental policy.

EVT 4930 Selected Topics (1-4) AS ESP
Each topic course under the direction of a faculty member with the content depending on the interests of the students and faculty involved. All areas of Environmental Science, Policy, Ethics and Law included.

EVT 4940 Environmental Science Internship (3) AS ESP
Open to senior majors only. S/U only. The purpose of this course is to promote the student’s understanding and application of environmental science and policy within a practical organizational context. Contract and report required.

EVT 4950 History and Principles of Vocational Education (4) ED EDV
An overview of current policies and principles in vocational education including their historical, sociological, and philosophical bases. Open to majors and non-majors.

EVT 4965 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 4971 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 4990 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.
FIN 3845 World Cinema 6A 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.

FIN 4505 Social History of the Film, 1945 to the Present (3) AS COM
PR: MMC 2100 and MMC 3602 or DPR. The development of the film from 1945 to the present.

FIN 433C Advanced Film (3) VP ART
PR: FIL 3845. More advanced projects in filmmaking to further develop works both technically and conceptually.

FIN 5489C Cinematography (4) VP ART
PR: PGY 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. Basic principles of the operation 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 the U.S. 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, ECO 2013, and ECO 2023. 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: FIN 3403. Study of factors affecting international business, assessment of risks, international managerial finance, institutions and techniques 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 policy 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
CP: FIN 3403. Application of traditional finance concepts to the management of commercial banks with emphasis on decision making and problem-solving techniques to major problem areas in banking.

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.

FIN 4414 Advanced Corporation Finance (3) BA FIN
PR: FIN 3403. An examination of the financial policies of corporations, with special reference to dividend policy, financial structure, capital expenditures, acquisitions, mergers, and reorganizations.

FIN 4443 Financial Policies and Strategies (3) BA FIN
PR: FIN 4414. A senior seminar for majors in Finance. Primarily a case course examining financial policies and the application of financial analysis to alternative strategies.

FIN 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.

FIN 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.

FIN 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.

FIN 4905 Independent Study (1-3) BA FIN
PR: CI. CC/S/U only. Specialized independent study determined by the student’s needs and interests.

FIN 4915 Independent Research (1-3) BA FIN
PR: CI. The research project will be mutually determined by the student and instructor.

FIN 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
PR: FIN 3233 or CI. The research project will be mutually determined by the student and instructor.

FLE 3617 Teaching Methods of Teaching Foreign Languages and English 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 the teaching and learning of both languages as well as the development of oral proficiency and literacy skills.

FLE 3618 Teaching Students with Limited English Proficiency (3) ED EDX
This course is designed to prepare preprofessional teachers to provide linguistically and culturally appropriate instruction, assessment, and learning opportunities for students with Limited English Proficiency.

FLE 3633 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 examination 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 3632 ESOL 1 - Curriculum and Pedagogy of ESOL (3) ED EDX
This course is designed to prepare preprofessional (pre-service) teachers to provide linguistically and culturally appropriate instruction, assessment, and learning opportunities and assessment for English Language Learners (ELLs) in grades K-12.

FLE 3633 ESOL 2 - Literacy Development in English Language Learners (3) ED EDX
PR: FLE 4362 or FLE 4317. This course is designed to provide students with a critical understanding of instructional delivery which caters to the linguistic and literacy needs of minority/heritage communities. Providing students with a sociocultural-theoretical framework.

FLE 3634 ESOL 3 - Applying Linguistics to ESOL Teaching and Testing (3) ED EDX
PR: FLE 4362 and FLE 4363. This course provides an overview of the components of language, linking them to methods and techniques of providing comprehensive instruction to English Language Learners (ELLs) and supports the development of professional literacy skills.
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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 classes. 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. Synthesis 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. One full semester of internship in a public or private school.

FLE 4345 Language Principles, Acquisition and Teaching (3) ED EDX
PR: FLE 5345 Restricted to Education majors and not repeatable for credit. Overview of applied SLA theory and components of language. Methods & techniques of comprehensible instruction and the development of oral proficiency and literacy skills for children.

FLE 5291 Technology in the Foreign Language Classroom (3) ED EDX
PR: FLE 5313 and FLE 5331. This course is intended to prepare foreign/second language teachers to provide pedagogically sound and technologically enhanced instruction for foreign language and second language students in the K-16 realm. Basic computer literacy is recommended.

FLE 5313 Methods of Teaching Foreign Language and ESOL in the Elementary School (3) ED EDX
This course is designed to provide training in the theory and methods of teaching foreign languages and ESOL in the elementary school (FLES) to both pre- and in-service teachers.

FLE 5331 Methods of Teaching Foreign Language and ESOL in the Secondary School (3) ED EDX
PR: FLE 5313. This course provides for the development of knowledge and skills necessary to prepare students to assume roles as foreign language (FL) and ESOL teachers at the secondary school level. It represents the second part of a sequence of methods courses.

FLE 5345 Teaching English Language Learners K-12 (3) ED EDX
This course is restricted to Education majors and is not repeatable for credit. It is designed to prepare preprofessional teachers to provide linguistically and culturally appropriate instruction, assessment, and learning opportunities for LEP students.

FLE 5366 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.

FLE 5430 ESOL I - Theory and Practice of Teaching English Language Learners (3) ED EDX
This course is for undergraduate degree holding, preprofessional (preservice) teachers to learn about appropriate instruction, assessment and learning opportunities for Limited English Proficient (LEP) students in the content areas.

FLE 5431 ESOL II-Secondary Language & Literacy Acquisition in Children & Adolescents (3) ED EDX
PR: FLE 5430. This course is designed to provide students with a critical understanding of instructional delivery which caters for the linguistic and literacy needs of minority / heritage communities.

FLE 5432 ESOL III-Language Principles, Acquisition & Assessment for English Language Learners (3) ED EDX
PR: FLE 5431. This course provides an overview of the components of language, linking them to methods and techniques of providing comprehensible instruction to LEP students.

FLE 5940 ESOL Practicum (1-3) ED EDX
PR: FLE 5345 and FLE 5145. Must be taken in the semester prior to final internship. This course is restricted to Education majors and will not be repeatable for credit. A structured field experience with Limited English Proficient students.

FLE 5946 Practicum in Foreign Language/ESOL Teaching (3) ED EDX
PR: FLE 5313. CR: FLE 5331. This course prepares students for their internship by providing a structured pre-internship experience while meeting regularly in a university class. One full semester of internship in a public or private school. Intern takes Senior Seminar in Education concurrently. S/U only.

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 for workshops in professional interpreting.

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 4905 Directed Study (1-3) AS WLE
Departmental approval required.

FOL 5906 Directed Study (1-3) AS WLE
PR: FOL 4101 or equivalent.

FRE 1120 Beginning French I (4) 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 1121 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 interpretation and dictation 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
Designed to enable students 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.

FRE 2324 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 (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 in ordinary 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 MW (3) AS WLE
An undergraduate 3 credit course, which offers an overview of the main French speaking cultures throughout the world, outside of Europe: France, Canada, the Caribbean, Belgium, Switzerland, the Maghreb, Sub-Saharan Africa, the Indian Ocean, the Middle East, Southeast Asia, Louisiana.

FRE 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 FRE 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) AS WLE
PR: LIN 3010 and FRE 2201 or equivalent. An introduction to the phonological, morphological, and syntactic structure of French.

FRW 4805 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 5225 Advanced Written Expression (3) AS WLE
PR: FRE 4421, or equivalent. Course is designed to give advanced training in free composition in 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 modern 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 3234, FRE 5420 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 3234. A study of the history of drama and poetry. Will include medieval drama, Racine, Corneille, Moliere, Anouilh, Sartre, Ionesco and others. Will also include Villon, Ronsard, DuBellay, Lamartine, Hugo, Vigny, Musset, Baudelaire, Mallarme, Rimbaud, Valery, Puyguy, Eliard, Apollinaire, Char, and others. Course content may vary from year to year. Course taught in French.

FRW 5222 Classical Prose and Poetry MW (3) AS WLE
PR: FRE 4101. Emphasis on Malherbe, Descartes, Pascal, La Fontaine, and Boileau.

FRW 5226 20th Century Poetry and Theatre MW (3) AS WLE
PR: FRE 4101. Emphasis on Malherbe, Descartes, Pascal, La Fontaine, and Boileau.

FRW 5314 Classical Drama MW (3) AS WLE
PR: FRE 4101. Classical drama, including epics, Arthurian romances, drama and lyric poetry. Reading in modern French translation.

FRW 5415 Literature of the Middle Ages MW (3) AS WLE
PR: FRE 4100 or FRE 4101. The classical tradition and the new currents of thought in the Age of Enlightenment.

FRW 5528 Pre-Romanticism MW (3) AS WLE

FRW 5535 Romanticism and Early Realism MW (3) AS WLE
PR: FRE 4101. A study of the romantic and early realistic movements with emphasis on Lamartine, Vigny, Musset, Hugo, and Balzac.

FRW 5556 Naturalism and Realism MW (3) AS WLE
PR: FRE 4100 or FRE 4101. A detailed study of realism and naturalism with emphasis on Flaubert, Zola, les Goncourt, Maupassant, and Daudet.

FRW 5745 French Literature of Quebec MW (3) AS WLE
PR: A survey of Francophone literature and cultures is recommended. Overview of the main representative literary works in French from Quebec in all genres (poetry, drama, novel, short story) as well as a survey of the main traits of Quebec history & culture. Open to non-majors. Not repeatable for credit. Taught in French.

FRW 5755 African and Caribbean Literature (3) AS WLE
PR: A survey of French literature. An overview of the main representative literary works in French from North and SubSahara Africa as well as the Caribbean. Open to non-majors and not repeatable for credit. Course taught in French.

FRW 5829 An Introduction to Modern French Literary Criticism MW (3) AS WLE
A graduate elective 3 credit course entirely taught in French, which offers a survey of the main trends and methods in 20th Century literary criticism, the French having been at the avant-garde of the field.

FRW 5934 Selected Topics (1-3) AS WLE
PR: Upper-level or graduate standing. Study of an author, movement or theme.

FSS 2321 Introduction to Food Production Management (3) US HRM
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 3405 Geography of Latin America SS HP AF (4) AS GPY
Systematic geographic analysis of the Latin American world region, with emphasis on its cultural, political, economic, environmental, and physical diversity.

GEA 3500 Geography of Europe SS HP AF (4) AS GPY
Systematic geographic analysis of the European world region, with emphasis on its cultural, political, economic, environmental, and physical diversity.

GEA 3703 Geography of Asia (4) AS GPY
Systematic geographic analysis of the Asian world region, with emphasis on its cultural, political, economic, environmental, and physical diversity.

GEB 2530 Doing Business Around the World SS (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) forces affecting international business, 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.

GEB 4890 Strategic Management and Decision Making MW (3) BA GBA
PR: Senior standing and FIN 3403, MAN 3025, MAR 3023. The course is intended to provide a unifying, integrating, and coordinating opportunity to tie together concepts, principles, and skills learned separately in other, more specialized courses in Business Administration.

GEB 4915 Independent Research (1-4) BA GBA
PR: Cl. 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
The content and organization of this course will vary according to the current interests of the faculty and needs of students.

GEO 1930 Geography of Current Events SS (4) AS GPY
Application of basic geographic principles to the analysis of contemporary events in various parts of the world.

GEO 2200 Introduction to Physical Geography NS (3) AS GPY
CR: GEO 2200L. Principles of physical geography: maps, earth-sun relationships; meteorological, hydrological, pedological, aeolian, and glacial processes; and resultant landforms.

GEO 2200L Introduction to Physical Geography Lab (1) AS GPY
CR: GEO 2200. Laboratory portion of Introduction to Physical Geography (GEO 2200).

GEO 2371 Introduction to Earth Systems Science NS (3) AS GPY
For non-majors only. The application of basic earth system science analysis to environmental problems. Review of impact of
human activities on the surface of the earth at local and global scales.

GEO 2400 Introduction to Human Geography (4) AS GPY
Systematic treatment of human activities on earth; population, settlement, agriculture, industry, trade, transportation, and political aspects of development among these considerations.

GEO 2931 Special Topics (1-4) AS GPY
Topics are at the discretion of the instructor. This course will offer lower level topics to attract new majors.

GEO 3164C Research Methods in Geography (4) AS GPY
PR: STA 2023 or STA 2122 or QMB 2100. Statistical analysis in geographic research.

GEO 3602 Urban Geography (4) AS GPY
PR: GEO 2400 or CI. Spatial analysis of urban areas: growth, location, spacing, and size. Development, site, situation, internal structure, and hinterland are considered.

GEO 3914C Geographic Techniques and Methodology (4) AS GPY
PR: GIS 3006 and GEO 3164C, or CI. Selected topics in various geographic techniques and methodologies and their application.

GEO 4204C Topics in Physical Geography (4) AS GPY
PR: GEO 2200 or CI. Intensive study of a topic selected from physical geography.

GEO 4210 Process Geomorphology (4) AS GPY
PR: GEO 2100 or GLY 2010 or CI. Origin, evolution, and distribution of landforms of North America.

GEO 4244 Tropical Meteorology NS (4) AS GPY
PR: GEO 2200, one approved Calculus course, or CI. This course examines the tropical atmosphere, its interaction with land and sea, as well as weather and climate phenomena that are unique to the topics. Students will take an in-depth look at hurricane climatology, the El Nino and Southern Oscillation phenomenon, thunderstorms and lightning, satellite remote sensing, monsoons, sea-breeze convergence and Florida climatology, surface energy exchange, land use change and its impact on tropical climates.

GEO 4265 Soil Genesis and Classification (4) AS GPY
PR: GEO 2200, or CI. A systematic study of soil genesis and classification with a focus on North American and Florida soils.

GEO 4280C Hydrology (4) AS GPY
PR: GEO 2200 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.

GEO 4284 Water Resources Management NS (4) AS GPY
PR: Senior standing. Geographic perspectives on water resources management at the global, national and local scale, including political, socio-economic, technical and scientific aspects.

GEO 4300 Biogeography (4) AS GPY
PR: GEO 2200 and GEO 3164C, or CI. Analysis of the present and past distribution of species at an intermediate to large spatial scale.

GEO 4310 Natural Hazards (4) AS GPY
PR: Junior or Senior Standing. 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, tornadoes, hurricanes, freezes, heat waves, wild fires, earthquakes, tsunami, and volcanoes.

GEO 4372 Global Conservation 6A MW (4) AS GPY
The distribution, exploitation, and conservation of physical and human resources, ecology.

GEO 4421 Cultural Geography (4) AS GPY
PR: GEO 2400 or CI. The interrelationships of culture and nature, from ancient times to the present.

GEO 4471 Political Geography MW (4) AS GPY
PR: GEO 2400 or CI. The geographic factors underlying political decisions and influencing their outcome; the geographic consequences of these decisions: geopolitics.

GEO 4500 Economic Geography (4) AS GPY
PR: GEO 2400 or CI. The spatial organization of economic production, consumption, and exchange systems.

GEO 4604 Topics in Urban Geography MW (4) AS GPY
PR: GEO 3006 or CI. Intensive examination of issues such as economic restructuring and inner-city decline, ghetto formation, gentrification, transportation, and policy-making.

GEO 4700 Transportation Geography (4) AS GPY
PR: GEO 2400 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.

GEO 4900 Directed Reading (1-4) AS GPY
PR: 20 hours in geography and CI prior to registration.

GEO 4910 Individual Research (1-4) AS GPY
PR: 20 hours in geography and CI prior to registration.

GEO 4930 Selected Topics (4) AS GPY
Topics are at the discretion of the instructor. This course will offer upper level, advanced topics in all aspects of Geography. Course can be repeated for credit as long as the title is different, for up to 8 credits.

GEO 4933 Geography Colloquium (1) AS GPY
Senior Standing in geography Weekly topical lectures by faculty and outside speakers. Students will develop a plan for their professional or graduate careers.

GER 1120 Beginning German I (4) AS WLE
CR: GER 1120L. Development of basic skills in listening and reading comprehension, speaking and writing German.

GER 1120L Beginning German I Laboratory (1) AS WLE
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.

GER 1121 Beginning German II (4) AS WLE
PR: GER 1120 or equivalent. CR: GER 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing German.

GER 1121L Beginning German II Laboratory (1) AS WLE
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.

GER 2200 German III (3) AS WLE
PR: GER 1121 or CI. An intensive study of advanced German. A review of the basic structure of spoken and written German. May be taken concurrently with GER 2201.

GER 2201 German IV (3) AS WLE
PR: GER 1121 or equivalent. Readings in German on the intermediate level. May be taken concurrently with GER 2200.

GER 2240 Conversation I (3) AS WLE
CR: GER 1121. For development of basic conversational skills.

GER 3420 Composition I (3) AS WLE
A fundamental course for students who have completed GER 2200 or GER 2201.

GER 3440 German for Business and International Trade (3) AS WLE
PR: GER 2200, or CI. An introduction to the German language in ordinary business transactions.

GER 3500 German Civilization (3) AS WLE
PR: GER 2200 or GER 2201. Readings in German on the cultural history of Germany.

GER 3573 Cultural Observations in Germany (3) AS WLE
This course allows students to experience Germany from a cultural/historical perspective and gives them insights into a city’s significance within Germany as a whole. It also includes an emphasis on German language use and cultural practices.

GER 4410 Conversation II (3) AS WLE
Free conversation based on the current German idiom.

GER 4421 Composition II (3) AS WLE
Practical training in modern German usage and differences of style.

GER 5605 Goethe (3) AS WLE
Selected novels, poems: Werther, Wahlverwandtschaften, Wilhelm, Meister, Westostlicher, Divan.

GER 5845 History of the German Language (3) AS WLE
A diachronic approach to the study of the German language. The course traces the history and development of the language from Indo-European through Germanic, Old, Middle, and New High German.

GET 3100 German Literature in English Translation (3) AS WLE
Analysis and interpretation of selected major works of German literature, to be read in and, then, with regard to their thought content and relevance to our own thoughts and actions.

GET 3244 German Popular Film HP MW (3) AS WLE
Overview of films with significant popular success at German box office from 1920 to the present. Films will be discussed in the context of Germany’s artistic, intellectual, and social history as well as general film history and criticism. Taught in English.

GET 3292 Fantastic Films of Early German Cinema HP MW (4) AS WLE
An overview of early 20th century German films with emphasis on horror, science fiction, and fantasy films. Course offers insights into Germany’s artistic, intellectual, and social history, as well as general film history and criticism. Taught in English.
conditions of LTC uses, the institutional setting, the
explored are such issues as definitions of LTC, physiological
management practice are covered, including the elements of the
in meeting the care needs of the older adult. All aspects of case
attitudes toward aging and the aged, cross-cultural perspectives
consideration of human aging in a broad sociocultural context.
older age.
basic age-related changes and their implications for behavior in
exposure to opportunities for service and employment.
content includes theoretical and practical issues, as well as
sociological aspects of aging.
perspective including the biological, psychological, and
sources, form, content, and literary significance of Urfaust and
selected works by Grillparzer, Grabbe, Buchner, Heine, Immerman, Stifter, Keller, Meyer, Storm, Raabe, Huishoff, and Morike.
selected dramas and critical writings by Lessing, Wieland, Kant.
Jenaer circle and Heidelberger circle; the late romantic period,
selected dramas and critical writings by Lessing, Wieland, Kant.
study of an author, movement or theme.
departmental approval required.
study of an author, movement or theme.
a study of major styles in German literature from 1900 to WW II
with emphasis on Borchert, Frisch, Durrenmatt, Bolt, Uwe, Johnson,
Grass, Aichinger, Eich, Enzensberger, Bachmann.
study of major trends in German literature since WW II with
emphasis on Borchert, Frisch, Durrenmatt, Bolt, Uwe, Johnson,
Grass, Aichinger, Eich, Enzensberger, Bachmann.
selected dramas and critical writings by Lessing, Wieland, Kant.
jenaer circle and Heidelberger circle; the late romantic period,
the writers between Classicism and Romanticism.
selected works by Grillparzer, Grabbe, Buchner, Heine, Immerman, Stifter, Keller, Meyer, Storm, Raabe, Huishoff, and Morike.
sources, form, content, and literary significance of Urfaust and Faust.
selected dramas, philosophical, and aesthetic writings.
study of an author, movement or theme.
the course is designed to be an introduction to the study of aging.
the aging process is viewed from a multi-disciplinary perspective
including the biological, psychological, and sociological aspects of aging.
this class is designed to introduce students to services available
to older adults and to careers in the field of aging services.
content includes theoretical and practical issues, as well as
exposure to opportunities for service and employment.
A survey of normal and pathological physical changes occurring
from middle age through older age. Course emphasis will be on
basic age-related changes and their implications for behavior in
older age.
consideration of human aging in a broad sociocultural context.
course emphasis will be on historical, philosophic, and
demographic aspects of aging, theories of social gerontology,
atitudes toward aging and the aged, cross-cultural perspectives
on aging, the sociology of retirement, and aging and the
community.
this course examines the role and function of case management
in meeting the care needs of the older adult. All aspects of case
management topics are covered, including the elements of the
case management process as well as ethical and legal issues.
A survey of Long Term Care (LTC) environments. Explored are
issues as definitions of LTC, physiological conditions of LTC uses the institutional setting, the
sociopsychological context, and methods of evaluation and
intervention.
administration of Long-term care institutions from a
group dynamics perspective. Emphasis on informed problem solving
and decision-making via analysis of the psychosocial and
sociocultural environment in the nursing home community. Course
objective is to create efficient and humane living and working
conditions in nursing homes. Not repeatable.
the student with the basic aspects of
nursing home administration through the practical application of
management theory and concepts.
Major issues and aspects of conventional and planned housing
for the elderly.
An introduction to the study of the major mental health problems
of the elderly. Current approaches to counseling the elderly in
community and institutional settings are discussed.
methods and techniques of social research in gerontology.
design of gerontological studies, collection and analysis of data,
interpretation of results, and preparation of reports.
This course will provide instruction on effective approaches for
providing care to persons with Alzheimer’s Disease and related disorders in residential and
home care settings. The major dementing disorders and typical
behaviors presented by patients are presented along with
strategies for successful behavior management. Building a
dementia program and building dementia care teams are also
covered.
A comprehensive overview of psychological aspects of aging.
Topics will include age-related changes in sensation/perception,
cognition, and personality, as well as application to late-life
psychopathology.
Minority status, race, and ethnicity are socially constructed
concepts that reflect our aging society’s value systems, prejudices,
and social stratification. This course will expose students to
these concepts through a life course and political economy
perspective.
This course provides students with an interdisciplinary perspective
that addresses both business management and the impact of our
aging society. The course integrates new materials and
approaches in the fields of marketing, finance, operations,
information technology, and human resources.
A broad overview of the basic concepts and psychosocial issues
relating to the meaning of loss and death, the process of death,
and the experience of grieving. Health care practices are
considered along with community resources.
A consideration of the major ethical and legal issues in aging and
their implications for policies, priorities, and services.
A reading program with topics in gerontology conducted
under the supervision of a faculty member.
Courses on topics such as preretirement, mental health, human
services organization, nursing home administration, the older
woman, and elder abuse will be offered.
Subject to availability of internship sites approved by the
School of Aging Studies. Internship in an agency or community
setting. A full-time assignment to an agency or organization,
engaged in planning or administering programs for older people
if in the BA program (6 hours), or to a nursing home if in the BS
program (9 hours), or to a nursing home if in the BS
program (9 hours).
A consideration of the major ethical and legal issues in aging and
their implications for policies, priorities, and services.
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GEY 5630 Economics and Aging (3) AS GEY
Examines the economic systems as they interact the aged. Emphasis is on applied aspects of economic planning, pensions, insurance, social security and other support systems.

GEY 5642 Perspectives on Death and Dying (3) AS GEY
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.

GIS 2010C Map Interpretation (4) AS GPY
Analysis and synthesis of various types of maps and map projections.

GIS 3006 Computer Cartography (4) AS GPY
An introduction to the concepts underlying modern, computer-based mapping and to the collection and storage of digital spatial data.

GIS 4035C Remote Sensing of the Environment (4) AS GPY
PR: GIS 3006 and GEO 3164C, or CI. Analysis of satellite images and aerial photographs for studies of the environment.

GIS 4035C Geographic Information Systems (4) AS GPY
PR: GIS 3006 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.

GIS 5049 GIS for Non-Majors (3) AS GPY
An introduction to the concepts underlying digital thematic mapping and to the basics of geographical information systems (GIS) for non-geography majors and non-geography graduate students.

GIS 5075 Global Positioning Systems (3) AS GPY
PR: GIS 5049: GIS for Non-Majors or permission from the instructor. Essentials of the operation and application of Global Positioning Systems (GPS).

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's crust, 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 of topics ranging from the scientific method to the latest geologic discoveries. Open University course; taught via internet and TV. Open University course; taught via internet and TV.

GLY 2008 Origins: From the Big Bang to the Ice Age NS (3) AS GLY
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 2010L Dynamic Earth Laboratory (1) AS GLY
PR: GLY 2010 or concurrent registration. Required for Geology majors: open to non-majors. Laboratory study of earth materials, landforms, geologic structures, topographic and geologic maps. Lec-lab-field trips.

GLY 2010L 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 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 2035 Science of the 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 from physics and astronomy. Consideration of social relevance of science.

GLY 2100L Earth and Life History Laboratory (1) AS GLY
Laboratory study of the history of the earth and life. Required for Geology majors; open to non-majors.

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 ancient environments.

GLY 2160 Geology of the National Parks (3) AS GLY
This course is an introduction to the nature of geologic processes including plate tectonics, earthquakes, volcanism, glaciation, and shoreline processes drawing on examples from our National Parks.

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 3402C The Solid Earth: Plate Tectonics and Earth Structure (4) 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 3525C Sedimentary Record 1: Sedimentary Processes and Paleoecology (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 paleoecology. Examination of the rock record to solve problems in sedimentary geology.

GLY 3610C Introduction to Invertebrate Paleontology (4) AS GLY
PR: GLY Z100. BSC 2312 or equivalent. Introduction to invertebrates, including biological methods and applications of paleontology, including biostratigraphy, taphonomy, paleoecology, 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 2045 and CHM 2046; PHY 2048 and PHY 2048L. Physical, 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 CI. 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 4045C Moons, Planets, and Meteoroids: An Introduction to Planetary Science MW (3) AS GLY
PR: Junior standing. Solar System exploration, from Aristotle to NASA. Modern views on the origins of meteorites, the Moon, Mars, Venus, and other planetary bodies, and the methods 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 4053C 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 4104C Sedimentary Record 3: Paleontology and Earth Evolution (4) AS GLY
PR: GLY 2015L, GLY 3525C, BSC 2310. The study of “deep time”, including how it is measured, how it is correlated over the earth’s surface, and how important physical, biological, 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 processes of 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; it is for other majors.
GLY 4949L Practical and Applied Geology: Computational Experience (1) AS GLY
PR: Junior standing, declared Geology major, and at least 12 credit hours of Geology courses, or CI. CR: Enrollment in other Practical/Applied sections. Completion of Geology supporting course sequence highly recommended. Hands-on course designed to teach the basic computational skills of a practicing geologist. Topics vary widely, with several different offerings each semester. May be repeated for credit.

GLY 4970 Undergraduate Honors Thesis (3) AS GLY
Open to seniors admitted to the Geology undergraduate honors program. Students will complete an independent research project under supervision of a faculty member, and present results in a senior thesis and a public presentation.

GLY 5752 Geological Field Excursion (2) AS GLY
PR: Senior standing in geology or CI. Lectures and 2-3 week field excursion to study regional geology. Structure and lithogenesis of geologically complex terrain. Mapping and outcrop description techniques are emphasized. Destination of trip varies. Trip requires camping and vigorous physical activity. Lec.-field trip.

GLY 5865 Statistical Models in Geology (3) AS GLY
PR: STA 2023 or equivalent or CI. Application of statistical methods to geological problems. Emphasis on sampling plans, nature of geologic distributions, and application of analyses of variance to solving geological problems. Lec.

GLY 5932 Selected Topics in Geology (1-4) AS GLY
PR: Senior or advanced junior standing. Each topic is a course under the direction of a faculty member. All areas of geology included.

GRA 2206C Typography (3) VP ART
Restricted to majors. This foundational course explores the structure of letter forms and lettering. This course provides information about the importance of type in the context of graphic design and application for print and electronic media.

GRA 3104 Computer Graphics (3) VP ART
Restricted to majors. This course is the continuation of Graphic Design I. The coursework emphasizes the utilization of electronic media for visual solving. Students will increase their skill with web based design and photo-editing software.

GRA 3110 Graphic Design I (3) VP ART
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.

GRA 3735 Multimedia Systems I (3) VP ART
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.

GRA 4930C Graphic Design: Senior Studio (3) VP ART
Restricted to majors. Advanced problems in graphic design, advertising, and multimedia communication systems will be discussed and assigned as projects. Focus is upon efficient and effective use of technology in the design production process.

GRA 4940 Graphic Design: Internship (2) VP ART
Competitive portfolio may be required. Restricted to majors. On site supervised work experience in an educational, graphic studio, advertising agency, or corporate environment.

GRA 4945 Graphic Design: Professional Practicum (3) VP ART
Restricted to majors. Students fine-tune their portfolios, create self promotional print and digital projects and develop their resumes. Includes field trips to studios, agencies, corporate graphic departments and marketing firms.

GRA 4955C Senior Project Portfolio (3) VP ART
Restricted to majors. This course covers the organization and presentation of a design/advertising/graphic portfolio and appropriate related materials. Emphasis is upon portfolio presentation, professional communication and self-promotional skills.

GRE 1120 Beginning Classical Greek I (4) AS WLE
An introductory course in classical Greek grammar with appropriate readings.

GRE 1121 Beginning Classical Greek II (4) AS WLE
PR: GRE 1120 or equivalent. An introductory course in classical Greek grammar with appropriate readings.

GRE 2040 New Testament Greek I (4) AS REL
HEB 1120 Basic Hebrew I (4) AS REL
Designed to give students a working knowledge of Classical (Biblical) Hebrew and to introduce them to the Biblical literature in the original language.

GRE 2041 New Testament Greek II (4) AS REL

GRE 2220 Intermediate Classical Greek (4) AS WLE
PR: GRE 1121 or equivalent. Readings in Greek at an intermediate level.

GRK 1120 Beginning Modern Greek I (4) AS WLE
CR: GRK 1120L. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

GRK 1120L Beginning Modern Greek I Laboratory (1) AS WLE
CR: GRK 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.

GRK 1121 Modern Greek II (4) AS WLE
PR: GRK 1120 or its equivalent; CR: GRK 1121L. A continuation of GRK 1120. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

GRK 1121L Modern Greek II Laboratory (1) AS WLE
CR: GRK 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.

GRK 1122 Modern Greek III (4) AS WLE
PR: GRK 1121 or the equivalent. For language students who intend to attain basic proficiency.

GRK 2220 Modern Greek III (4) AS WLE
PR: GRK 2220 or its equivalent. Continuation of GRK 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

GRK 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.

GRK 4930 Selected Topics (1-5) AS WLE
Departmental approval required. Course permits classes in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.

GRW 2220 Modern Hebrew I (4) AS WLE
PR: GRW 1120 or its equivalent. Readings in Modern Hebrew not available in the regularly scheduled curriculum at departmental discretion.

GRW 5905 Directed Reading (1-4) AS WLE
Departmental approval required.

GRW 5934 Selected Topics (1-4) AS WLE
Available to majors and non-majors. Study of an author, movement or theme.

HBR 1120 Modern Hebrew I (4) AS WLE
CR: HBR 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.

HBR 1121 Modern Hebrew II (4) AS WLE
PR: HBR 1120 or its equivalent; CR: HBR 1121L. A continuation of HBR 1120. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

HBR 1121L Modern Hebrew II Laboratory (1) AS WLE
CR: HBR 1121L. 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.

HBR 2201 Modern Hebrew IV (4) AS WLE
PR: HBR 2200 or the equivalent. Continuation of HBR 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

HBR 2202 Modern Hebrew III (4) AS WLE
PR: HBR 2201 or the equivalent. For language students who intend to attain basic proficiency.

HFR 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Modern Hebrew not available in the regularly scheduled curriculum at departmental discretion.

HEB 1120 Basic Hebrew I (4) AS REL
Designed to give students a working knowledge of Classical (Biblical) Hebrew and to introduce them to the Biblical literature in the original language.
HSC 2400 First Aid (2) ED EDP
This course introduces first aid techniques and provides certification in basic first aid, CPR, and use of the automated external defibrillator. It is designed for those who want to learn and apply basic first aid skills in emergency situations.

HSA 4011 Introduction to Public Health (3) PH PHC
This course introduces students to the field of public health, its history, and its role in promoting and protecting the health of communities. Topics include health disparities, disease prevention, and public health practice.

HLP 2081 Personal Wellness: A Lifetime Commitment (3) ED EDJ
This course focuses on developing personal wellness practices that can be sustained throughout a lifetime. It covers topics such as nutrition, exercise, stress management, and mental health.

HIS 3308 War and Society (3) AS HTY
This course examines the historical and social impact of war, including the experiences of soldiers and civilians, as well as the role of war in shaping societies.

HIS 3938 Major Issues in History (3) AS HTY
This course explores major themes and issues in the history of the United States, focusing on significant events and developments.

HUM 3240 Studies in Culture: The Classical Through Medieval Periods (3) AS HUM
This course explores the development of Western culture from antiquity to the Renaissance, focusing on the arts, literature, and philosophy of the classical, medieval, and early modern periods.

HUM 4722 Health and Physical Education for the Child (2) ED EDE
The course provides an overview of health and physical education as they relate to the development of children. Topics include growth and development, nutrition, and physical activity.

HSA 3541 Human Structure and Function NS (3) PH CFH
This course provides an introduction to the structure and function of the human body, including the major systems and their interactions.

HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child (3) ED EDP
This course focuses on developing skills in health education, safe practices, nutrition, and motor development for young children.
HUM 324 The Enlightenment (3) AS HUM
PR: HUM 2210 or HUM 2230. By studying late seventeenth and eighteenth century literature, music, visual art, and philosophy, this course examines phenomena such as rationalism, classification systems, the influence of science, utilitarianism, reform, and secularism.

HUM 3244 Nineteenth-Century Arts and Letters (3) AS HUM
PR: HUM 2210 or HUM 2230. By studying 19th century literature, music, and visual art, this course examines phenomena such as the rise of capitalism, colonial expansion, nationalism, urbanism, and the redefinition of public and political life during this period of extreme change.

HUM 3252 Studies in Culture: The Twentieth Century HP (3) AS HUM
PR: HUM 2210 or HUM 2230. Analyses of selected works of twentieth century art, including films, paintings, music, and literature, in the context of major political, social, and economic events, such as war, depression, totalitarianism, and technological change.

HUM 3271 Eastern and Western Culture from Antiquity to 1400 AF (3) AS HUM
A comparative treatment of music, visual arts, theatre, literature, and philosophy in the East and West, proceeding chronologically from ancient times through the Middle Ages, emphasizing Europe and India.

HUM 3273 Eastern and Western Culture Since 1400 AF(3) AS HUM
A comparative treatment of music, visual arts, theatre, literature, and philosophy in the East and West, proceeding chronologically from the Renaissance through the present, emphasizing Europe, the United States, and India.

HUM 3331 Themes in Humanities (3) AS HUM
PR: HUM 2210 or HUM 2230. A course emphasizing the analysis of primary works in relation to cultural contexts, the integration of secondary sources, and the construction of a written argument. Not restricted to majors. Offered only in fall semester.

HUM 3457 Nineteenth Century American Culture (3) AS HUM
PR: HUM 2210 or HUM 2230. This course explores American art, literature, and cultural life from the early republic through the Gilded Age. Works are studied in their historical context in order to understand how they transmitted important information about American identity.

HUM 3458 Twentieth-Century American Culture (3) AS HUM
PR: HUM 2210 or HUM 2230. A historical survey of American culture since 1900. Literature, music, visual art, film, and intellectual movements are analyzed, to understand how they have reflected and shaped cultural values and responded to changing conditions of American society.

HUM 3463 Latin American Civilization I: Pre-Columbian & Colonial (3) AS HUM
PR: HUM 2210 or HUM 2230. An overview of Pre-Columbian and Colonial Latin American Culture through 1700. Topics include literature, music, and art; ethnic diversity; political and religious tension; “high” versus “low” culture; and the clash of European and American cultures.

HUM 3466 Latin American Civilization II: Modern Latin America (3) AS HUM
PR: HUM 2210 or HUM 2230. An overview of the cultural heritage of Latin America since the time of independence. Verbal and visual texts will be used to study the difficult struggle to create a cultural identity that incorporates African, indigenous, and European traditions.

HUM 3930 Selected Topics in Humanities (1-4) AS HUM
PR: HUM 2210 or HUM 2230. 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 ideas, distinguished HUM courses from related 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: Junior standing and HUM 2210 or HUM 2230, or CI. Examples from the arts and letters of India and the relationship of these arts to the Hindu and Buddhist philosophy-religions.

HUM 4404 Humanities in China (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4405 Humanities in Japan (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4452 Ancient Greek and Roman Art (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4455 Twentieth Century American Culture I (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. Analysis of selected works of twentieth century art. The course will focus on a particular historical, geographical, or thematic topic within those periods.

HUM 4457 Ancient Greek and Roman Art (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. A study of the painting, literature, music, sculpture and architecture of early modern Italy (1300-1600), emphasizing humanism, the revival of antiquity, the tension between sacred and secular, and artists such as Michelangelo, Titian, Raphael.

HUM 4458 Twentieth Century American Culture II (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. A study of continental literary, musical, and artistic masterworks from the Renaissance through the present, emphasizing modernism, the renewal of art, the tension between sacred and secular, and artists such as Marcel Duchamp, Georgia O’Keeffe, and Matisse.

HUM 4460 Arts and Letters in the 17th and 18th Centuries (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. A study of the visual arts, literature and music from the mysticism and sensibility 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 4461 Arts and Letters in the Romantic Period (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. Continental masterworks of fiction, painting, and music in the context of European cultural history from the French Revolution to the Revolutions of 1848.

HUM 4464 Nineteenth Century European Arts and Letters (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. A study of continental cultural development, 1800-1890. This course includes painting, architecture, literature and music with a special study of Durer, Van Eyck, El Greco, and Bosch.

HUM 4465 Technical and Art Literary Movements (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4466 Twentieth Century European Arts and Letters I (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4467 Twentieth Century European Arts and Letters II (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4455 Five Centuries Arts and Letters I (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. A study of continental literary, musical, and artistic masterworks from the Renaissance through the present, emphasizing modernism, the renewal of art, the tension between sacred and secular, and artists such as Marcel Duchamp, Georgia O’Keeffe, and Matisse.

HUM 4468 Twentieth Century European Arts and Letters II (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4466 Pre-Columbian and Colonial Latin American Culture (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4467 Twentieth Century European Arts and Letters I (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. Study of selected works of art, tracing the course of expansion in the production and enjoyment of works of art, and interaction between the idealistic and pragmatic concerns for development of the arts in the context of European cultural history from the French Revolution to the Revolutions of 1848.

HUM 4468 Twentieth Century European Arts and Letters II (4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. 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 4905 Directed Study (1-4) AS HUM
PR: CI. Specialized individual study determined by the student’s needs and interests

HUM 4930 Selected Topics in Humanities (1-4) AS HUM
PR: Junior standing and HUM 2210 or HUM 2230, or CI. This course will develop a recurrent theme in the arts as, for example, love or death, or will focus on artistic centers such as Renaissance Florence or Paris in the 1920s. Topics will vary.

HUM 4931 Seminar in Humanities 6A (4) AS HUM
PR: HUM 2210 or CI. Seminar papers on the writing of a substantial research paper in the humanities. Topic varies.

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 in 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.

HUM 4941 Study and Location (1-4) AS HUM
PR: Repeatable once for up to eight credits. The art of a culture will be examined during travel in groups, led by an instructor, to important cities or sites. Monuments, museums, architecture, places, and/or cultural events will be studied. Reading assignments and lectures. Not restricted.

HUN 2201 Nutrition (3) NU NUR
PR: Course work 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.

HUN 3932 Selected Topics in Nutrition (3) US DEA
The content of this course will be determined by student demand and instructor interest. Repeatable up to 3 times with different topics.

HUN 4444 Clinical Nutrition (3) NU NUR
PR: HUN 2201 or equivalent. Focuses on the role nutrition has in maintaining and preventing 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 collaboratively developed research proposal.

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 in-depth examination of 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
PR: IDH 2010. The introduction to the concepts of the Social and Behavioral Sciences, methods of inquiry, discovery, and validation of knowledge. A survey of the way various disciplines examine the question of how society is organized.

IDH 3500 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.
the role the arts play in shaping their perceptions of the world as well as providing a new kind of philosophical education based on the "commentary" of the arts.

IDS 3668 Images of Contemporary Urban Culture 6A FW (3) AS IAS
A course that explores 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 3949 Cooperative Education, Parallel (0-2) US COE
PR: 45+ semester hours completed, cumulative GPA 2.5+, have a declared major and be accepted in Cooperative Education Program. Part-time (10-25 hrs/wk) paid or for credit, career-related experience. This course may be repeated up to 6 credit hours. Prerequisite: 45+ hours of credit, GPA 2.5+, a declared major and be accepted in Cooperative Education Program. S/U Only.

IDS 4910 Community Research (1-4) AS CEL
Public and private sector positions with a community-related research experience.

IDS 4942 Community Internship (1-4) AS CEL
PR: 45+ semester hours completed, cumulative GPA 2.5+, have a declared major and be accepted in Cooperative Education Program. Full-time (40 hrs/wk) paid or for credit, career-related experience. This course may be repeated up to 6 credit hours. Prerequisite: 45+ hours of credit, GPA 2.5+, a declared major and be accepted in Cooperative Education Program.

IDS 4955 International Community Research (1-2) AS CEL
PR: Program approval. Repeatable up to 8 credit hours. To provide students with a community internship experience.

IDS 4956 International Community Internship (1-4) AS CEL
PR: Program approval. Repeatable up to 8 credit hours. To provide students with an international community research experience.

INR 3003 Introduction to International Studies (3) AS INT
Concepts and analytical tools applied to events such as politics among nations, control of foreign policies, types of actors, war and peace.

INR 3015 World Perspective SS AF (3) AS INT
An interdisciplinary study of the world system, major regions of the world, major social regions and problems.

INR 3022 Introduction to International Relations (3) AS POL
A study of international relations and its causes, ranging from national liberation movements to networks of philosophical anarchists.

INR 3084 International Terrorism SS AF (3) AS INT
A study of contemporary international terrorism and its causes, ranging from national liberation movements to networks of philosophical anarchists.

INR 3102 American Foreign Policy (3) AS POL
A study of the development and scope of United States foreign policy, emphasizing goals and objectives, policy formulation and implementation, themes and issues.

INR 3141 Global Security Policy (3) AS INT
This course explores the evolution of international relations from the Greeks to the present. It examines human rights issues in major regions of the world.

INR 3336 Intelligence and U.S. Foreign Policy (3) AS INT
An examination of the role of intelligence and the intelligence community in U.S. foreign policy, with emphasis on the period since World War II.

INR 3555 Overseas Study (1-6) AS INT
A program of individual or group research in a foreign country.

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: Junior/Senior standing. An interdisciplinary course examining theories of conflict, conflict resolution processes and strategies,504  and analyzing their impact on world peace. The course will examine the role of international relations, international law, and national security in the resolution of conflicts.

INR 4094 International Law SS (3) AS POL
Examination of the legal framework of international relations, including international law, the United Nations, regional and international organizations.

INR 4254 Africa in World Affairs MW (3) AS INT
An examination of Africa's place and role in world affairs, including the impact of external forces, international relations in post-colonial Africa, the relations of African states with the major world powers, the United Nations and its agencies.

INR 4403 International Natural Resources (3) AS INT
A study of natural resources, including their role in world affairs and regional conflict, focusing on the United States and major countries.

INR 4502 International Organizations SS AF (3) AS POL
A study of the operations and structure of international organizations and their role in world affairs, with an emphasis on the United Nations and major regional organizations.

INR 4936 Senior Seminar MW (3) AS INT
PR: Senior status. S/U only. For majors only. The purpose of the seminar is to promote the student's understanding of global issues and to provide an opportunity for the student to develop a thesis on an international topic.

INR 5012 Globalization (3) AS INT
Examination of globalization's impact on international relations, including the role of international organizations, multinational corporations, and international trade.

INR 5086 Issues in International Relations (3) AS POL
This course explores specific topics and provides the student with an opportunity for in-depth study of historical and contemporary problems in international relations.

ISC 1004 Integrated Natural Sciences I: Science that Matters NS (SS, SF, CD, IDS)
A discussion of the role of science in society, focusing on the relationship between science and the world around us. The course also introduces students to a variety of scientific disciplines, including physics, chemistry, and biology, and their applications to real-world problems.

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.

**ISM 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.

**ISM 3011 Information Systems in Organizations (3) BA QMB**
PR: CGS 2100 or equivalent. 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: ISM 3011. 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**
CP: ISM 3011 with a grade of “C” or better (not C-). Presentation of business application development using a modern programming language. Topics include data structures, indexing, file processing, and user interfaces. Good programming techniques are emphasized. Business applications are developed.

**ISM 3431 Management Science Production/Operations Management Applications (3) BA QMB**
PR: MAC 2241. Fundamentals of production and 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 4212 with a grade of “C” or better (not C-). This course builds previous class and/or work experience in systems development, with particular emphasis in 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 4213 Advanced Database Administration (3) BA QMB**
PR: ISM 3113, ISM 4212, 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 resource management, database 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 architecture, 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 interfaces via state-of-the-art development languages and systems.

**ISM 4234 Object-Oriented Design and Development (3) BA QMB**
PR: ISM 3232 with a grade 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 environments.

**ISM 4290 Senior Seminar in Information Systems (3) BA QMB**
PR: ISM 4212 with a grade of “C” or better (not C-). A seminar covering advanced topics in systems management, analysis and design strategies. Applications of these procedures to actual or hypothetical cases.

**ISM 4300 Managing Information Resources (3) BA QMB**
PR: ISM 4212 and 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 and challenges in building information systems to enable global operations.

**ISM 4400 Decision Support Systems (3) BA QMB**
PR: QMB 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 complex business decisions, demonstrating several forms of mathematical modeling and other management science techniques.

**ISM 4460 Electronic Commerce Systems (3) BA QMB**
PR: ISM 4212 with a grade of “C” or better (not C-), MIS major or CC. 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 4465 Independent Study (1-6) BA QMB**
S/U only. Independent study as directed by designated faculty.

**ISM 4930 Selected Topics in MIS (1-3) BA QMB**
Selected topics in MIS.

**ISM 4950 Independent Research (1-6) BA QMB**
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.

**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**
This course examines students to issues concerning the relationship between the self (or individual) and society. Among the topics that may be addressed are the idea of human nature, how human nature is shaped by social and cultural factors; the moral obligations between individuals and society; and how our understanding of the 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 and questions examined are the relationship between nature and our awareness of it; to what extent is nature transformable; should “nature” dictate the shape of social institutions; how does technology affect our society and environment.

**ISS 3010 Introduction to the Social Sciences (3) AS ISS**
Integrates the range of social science fields into a global interdisciplinary perspective. Varies 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 determined by student 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**
PR: CI. A supervised program of intensive reading of interdisciplinary materials in areas of specific interest.
JOU 4940 Reporting Practicum (1) AS COM
PR: JOU 3101 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.

JOU 5015 News Writing and Editing (3) AS COM
PR: JOU 4200 or CI. Theoretical and practical applications of the processes of news gathering, writing, and editing. Emphasis on the structure of news stories, writing for the print medium, news judgment, headlines and makeup. Ethical problems. Introduction toories of design and graphics.

JOU 5210 Magazine Design and Production (3) AS COM
PR: JOU 4200. Theoretical and practical application of design principles to magazines. Design software. The design of magazine covers. Exercises in designing covers and layouts for newspapers and magazines.

JPN 1120 Modern Japanese I (4) AS WLE
CR: JPN 1121. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

JPN 2200 Modern Japanese II (3) AS WLE
PR: JPN 1121 or equivalent. Basic reading skills are acquired.

JPN 2220 Modern Japanese III (3) AS WLE
PR: JPN 2200 or CI. This advanced-level course belongs to the third level of modules leading to proficiency. A laboratory designed to offer additional practice using various instructional technologies and media.

JPN 2221 Modern Japanese IV (3) AS WLE
PR: JPN 2220 and CI. An intensive study of basic skills: pronunciation, intonation, sentence structure, and grammar. The focus is on vocabulary and the basic structure of spoken and written Japanese.

JPN 2221 Modern Japanese IV (3) AS WLE
PR: JPN 2220 or 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.
K-6 school students. Concurrently with LAE 4530. Whole language methods of teaching are emphasized. LAE 4414 Teaching Literature and Writing in the Elementary Grades K-6 6A LW (3) ED EDT
PR: Elementary Education majors or CL. The purpose of this course is to provide students with the skills necessary to implement a coordinated language arts program and to design and implement instructional strategies for teaching literacy across the curriculum. LAE 4416 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDT
PR: Elementary Education major. This course is designed to provide students with the skills necessary to implement a coordinated language arts program and an integrated writing curriculum. Not repeatable for credit. LAE 4404 Adolescent Literature for Middle and Secondary Students 6A LW (3) ED EDT PR: English Education majors or CL. Recommended to be taken with LAE 4323 two semesters prior to internship. A study of the types of literature read by adolescents with an emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
LAE 4469 Teaching World Literature to Middle and Secondary Students MW (3) ED EDT
World literature encompasses more than Western European literature. This course is designed to emphasize, but is not limited to, the study of Eastern literature. This course fulfills the world literature course requirement for teacher certification in English. LAE 4530 Methods of Teaching English: Practicum (3) ED EDT PR: Senior standing or enrollment in Plan II Master’s Program. CR: LAE 4323 or LAE 4335. Taken one semester, spring or fall, prior to internship. LAE 4936 Senior Seminar in English Education (2) ED EDT PR: Senior standing. Required concurrently with internship. Synthesis of teacher candidate’s courses in complete college program.
LAE 4940 Internship: English Education (1-12) ED EDT S/U only. One full semester of internship in a public or private school. Intern takes Senior Seminar in English Education concurrently. In special programs where the intern experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9 to 12 semester hours.
LAE 5402 Young Adult and World Literature for New Teachers (3) ED EDT PR: Teaching position w/either English degree or 30 hrs of Undergraduate English. A study of the types of literature read by adolescents, including literature representative of other cultures, with emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
LAE 5932 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 5933 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 5462 Young Adult and World Literature for New Teachers (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 4933 Methods of Teaching English: Middle School (3) ED EDT
Must be taken one or two semesters prior to internship. Recommended to be taken with LAE 4464. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for middle school students.
LAE 4335 Methods of Teaching English: High School (3) ED EDT PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for high school students.
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 5462 Young Adult and World Literature for New Teachers 3 (3)
PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 5932 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 5933 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
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 4335 Methods of Teaching English: High School (3) ED EDT PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for high school students.
LAE 4414 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDT PR: Elementary Education major. This course is designed to provide students with the skills necessary to implement a coordinated language arts program and an integrated writing curriculum. Not repeatable for credit.
LAE 4444 Adolescent Literature for Middle and Secondary Students 6A LW (3) ED EDT PR: English Education majors or CL. Recommended to be taken with LAE 4323 two semesters prior to internship. A study of the types of literature read by adolescents with an emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
LAE 4469 Teaching World Literature to Middle and Secondary Students MW (3) ED EDT
World literature encompasses more than Western European literature. This course is designed to emphasize, but is not limited to, the study of Eastern literature. This course fulfills the world literature course requirement for teacher certification in English.
LAE 4530 Methods of Teaching English: Practicum (3) ED EDT PR: Senior standing or enrollment in Plan II Master’s Program. CR: LAE 4323 or LAE 4335. Taken one semester, spring or fall, prior to internship.
LAE 4936 Senior Seminar in English Education (2) ED EDT PR: Senior standing. Required concurrently with internship. Synthesis of teacher candidate’s courses in complete college program.
LAE 4940 Internship: English Education (1-12) ED EDT S/U only. One full semester of internship in a public or private school. Intern takes Senior Seminar in English Education concurrently. In special programs where the intern experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9 to 12 semester hours.
LAE 5402 Young Adult and World Literature for New Teachers (3) ED EDT PR: Teaching position w/either English degree or 30 hrs of Undergraduate English. A study of the types of literature read by adolescents, including literature representative of other cultures, with emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
LAE 5932 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
LAE 5933 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
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 4335 Methods of Teaching English: High School (3) ED EDT PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of integrating reading, writing, speaking, listening, viewing, and critical thinking activities into a literature-based program for high school students.
LAE 4414 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDT PR: Elementary Education major. This course is designed to provide students with the skills necessary to implement a coordinated language arts program and an integrated writing curriculum. Not repeatable for credit.
LAE 4444 Adolescent Literature for Middle and Secondary Students 6A LW (3) ED EDT PR: English Education majors or CL. Recommended to be taken with LAE 4323 two semesters prior to internship. A study of the types of literature read by adolescents with an emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
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LAE 4940 Internship: English Education (1-12) ED EDT S/U only. One full semester of internship in a public or private school. Intern takes Senior Seminar in English Education concurrently. In special programs where the intern experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9 to 12 semester hours.
LAE 5402 Young Adult and World Literature for New Teachers (3) ED EDT PR: Teaching position w/either English degree or 30 hrs of Undergraduate English. A study of the types of literature read by adolescents, including literature representative of other cultures, with emphasis upon the criteria for the choice of good books and knowledge of available books and teaching materials.
LAE 5932 Selected Topics in the Teaching of English (3) ED EDT PR: Certification in English and/or Mass Communications and approval of graduate advisor. Investigation of topics which are of special interest to the student and are related to the teaching of English in the secondary school. Topics will be selected by the student in accordance with his particular goals and will be approved by the student’s graduate advisor.
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 310 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 and 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 310. 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, and racial groups. Problems in communication between strata.

LIN 4671 Traditional English Grammar (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 English grammar.

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 310. 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 4930 Selected Topics (1-3) AS WLE
PR: Course content depends upon students’ needs and instructor’s interest and may range over the entire field of linguistics.

LIN 5700 Applied Linguistics (3) AS WLE
Analysis of the phonological, morphological, and syntactic features of English as a basis for linguistic application to problems of English language acquisition by non-native speakers.

LIS 2001 Library and Information Skills (3) AS LIS
An introduction to various types of information sources (print and electronic) and search techniques. The course is designed to instruct students how to locate, evaluate, and effectively use information.

LIS 2004 Introduction to the Internet (3) AS LIS
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.

LIS 2005 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.

LIS 2937 Selected Topics in Library/Information Science (1-3) AS LIS
Covers a variety of topics in the field of library/information science such as emerging technologies, administration and service, and current professional issues.

LIS 3361 World Wide Web Page Design and Management (3) AS LIS

LIS 4930 Selected Topics in Information Studies (3) AS LIS
Covers a variety of topics in the field of library/information science such as emerging technologies, administration and service, and recent professional issues.

LIS 5268 Microcomputer Applications Library and Information Centers (3) AS LIS
Microcomputer hardware and software for libraries and their application in library/information settings. Projects using major applications for budgets, databases, and telecommunications will be undertaken.

LIS 5315 Instructional Graphics (3) AS LIS
Theoretical aspects, planning and production of instructional graphic material. The theory of graphic communications and interpreting needs for instructional materials appropriate for given behavioral objectives.

LIS 5333 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.

LIS 5937 Selected Topics in Library Studies (1-4) AS LIS
Covers a variety of topics in such areas as collection development, reference services, technical services, and administration.

LIT 2000 Introduction to Literature 6A HP (3) AS ENG
The nature and significance of literature in its various forms: fiction, drama, poetry; emphasis on the techniques of reading literature for informed enjoyment. Will not be counted toward the English major.

LIT 2010 Introduction to Fiction 6A HP (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 2030 Introduction to Poetry 6A HP (3) AS ENG
A study of the poem as literary form; 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 6A HP (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 3022 Modern Short Novel HP (3) AS ENG
A study of the novella from the nineteenth century to the present. Writers include James, Dostoevsky, Camus, Styron, Nabokov, Gardner, Roth, Vonnegut, among others.

LIT 3031 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 3043 Modern Drama (3) AS ENG
A study of such modern and contemporary dramatists as Ibsen, Strindberg, Chekhov, Pirandello, Shaw, O’Neill, Pinter, Stoppard, Brecht, Beckett, and Ionesco.

LIT 3093 Contemporary Literature (3) AS ENG
An introduction to the fiction, poetry, and drama written since 1945—American, English, Continental, or Multicultural. Focus may be on one, two, or all three genres or on works from any combination of nationalities.

LIT 3101 Literature of the Western World Through the Renaissance 6A (3) 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 3102 Literature of the Western World Since the Renaissance 6A (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, Sarthe, and Camus, among others.

LIT 3103 Great Literature of the World 6A MW LW (3) AS ENG
A survey of world literature including samples from the ancient and modern worlds, 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 3114 Modern European Novel 6A HP MW LW (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 6A HP MW LW (3) AS ENG
Examines 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.
MAA 4202 Complex Variables 6A (3) AS MTH
PR: MAA 2302 or CI. Credit for students with credit in MAA 5405. Complex numbers, Cauchy-Riemann equations, analytic and conformal functions, 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. Lebesgue measure and integration on R.

MAA 5307 Real Analysis II (3) AS MTH

LIT 4402 Complex Variables 6A (3) AS MTH
PR: MAA 2302 or CI. Credit for students with credit in MAA 5405. Complex numbers, Cauchy-Riemann equations, analytic and conformal functions, power series, Cauchy Theorem, Cauchy integral Formula, residue theory.

MAC 1105 College Algebra 6A QM (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 1140 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, or 550 or better SAT Math Score, or 24 or better ACT Math Score. Available to College-Level Math CPT score. No credit for students with prior credit for either 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 1143 Business Calculus 6A QM (3) 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 590 or better SAT Math score, or 26 or better College-Level Math CPT 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 economics.

MAC 2241 Life Sciences Calculus I 6A QM (4) AS MTH
PR: C (2.0) or better in MAC 1141, 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 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 2233 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 1141 and 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 students with credit in MAC 2233, MAC 2281, or MAC 2312. 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 MAC 2281. No credit for students with credit in MAC 2242 or MAC 2312. Define integral, trigonometric functions, log, exponential, series, applications.

MAC 2283 Engineering Calculus III 6A (4) AS MTH
PR: C (2.0) or better in MAC 2282 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 1141 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 proper integrals.

MAD 3100 Discrete Mathematics 6A (3) AS MTH
PR: MAC 2281 or MAC 2311. No credit for Mathematics majors. An introduction to some of the aspects of Discrete Mathematics that are fundamental to digital computing. Topics 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, introduction to computational complexity.

MAD 4504 Theory of Computation 6A (3) AS MTH

MAD 5101 LISP: Programming With Algebraic Applications (3) AS MTH
PR: MHF 5306 or MAD 6510 or MAS 5311 or CI. Programming in LISP, functional languages, foundations of Lambda Calculus and applications (theorem proving and game playing).

MAD 5305 Graph Theory (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 4310 Teaching Elementary School (K – 6) Mathematics I (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 in elementary (K – 6) classrooms.

MAE 4320 Teaching Mathematics in the Middle Grades (3) ED EDO
PR: Admission to Mathematics Education Program or DPR. Techniques and materials of instruction in middle grades mathematics topics. Students are expected to observe 15 hours in middle schools.

MAE 4326 Teaching Elementary School (K – 6) Mathematics II (3) ED EDE
PR: MAE 4310. Methods for teaching informal geometry, measurement, probability, statistics, and algebraic thinking for elementary school (K – 6) classrooms.

MAE 4330 Teaching Senior High School Mathematics (3) ED EDO
PR: Admission to Mathematics Education Program or DPR. Techniques and materials of instruction in mathematics. Students are expected to observe 20 hours in high schools.

MAE 4551 Reading the Language of Mathematics (3) ED EDO
PR: Admission to Mathematics Education Program or DPR. The course provides the prospective secondary math teacher the opportunity to develop concepts, skills and instructional procedures for effectively integrating communication (reading, writing, listening, speaking) into the math curriculum. Required under Math Ed. program.

MAE 4652 Technology for Teaching Secondary School Mathematics I (3) ED EDO
PR: Admission to Mathematics Education Program or DPR. This 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 CI. 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 intern 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 CI. No credit for Mathematics majors. Groups, Rings, Fields, vector spaces as they relate to high school algebra and geometry.

MAN 3025 Principles of Management (3) BA MAN
PR: Junior standing. Examines intrapersonal, interpersonal, group/team, organizational, and environmental (both stakeholder and societal) 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 employees represented collectively 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 design and conduct of experimental exercises and written application of results within a laboratory setting.

MAN 4129 Theory and Practice of Management Skills (3) BA MAN
This course involves the transference of management theories 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 CI. 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 analysis 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 4400 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 4504 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 on the application of various decision science methodologies to problem situations.

MAN 4507 Operation Production Systems (3) BA QMB
PR: MAN 4504 or CI. Study of closed loop production planning and control systems. Master production planning, inventory control management, materials requirements planning, capacity, management, production activity. Relationship to organizational process.

MAN 4600 International Management (3) BA MAN
PR: MAN 3025, Senior Standing or CI. 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 CI. 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 exit strategies.

MAN 4804 Small Business Management Counseling (3) BA MAN
PR: MAN 4802 or CI. 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: CI. 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: CI. 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 3516 Ordinary Differential Equations I (3) AS MTH
PR: MAP 2302 and MAA 4211, or CI. Existence and uniqueness theory, properties of solutions, linear systems, stability theory. Sturm-Liouville theory.

MAP 3517 Ordinary Differential Equations II (3) AS MTH
PR: MAP 3516 and MAA 5307 or CI. Topics selected from fixed point theory, comparison theory, oscillation theory, Poincare-Bendixson Theory, Lyapunov functions, eigenfunction expansions.

MAP 3545 Applied Partial Differential Equations (3) AS MTH
PR: MAP 5407 or CI. Separation 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 CI. Sturm-Liouville 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. Sales careers are examined.

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 2023. A study of procedures and problems associated with establishing marketing operations in foreign countries. Includes the institutions, principles and methods involved in the solution of these marketing problems as well as the effects of national differences on business practices and buyer behavior.

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 emphasis on information flows and the application of quantitative techniques used in establishing and controlling customer service levels.

MAR 4231 Retailing Management (3) BA MKT
PR: MAR 3023. A comprehensive study of the retailing structure, institutions, and environment. Includes pertinent management theories and practices of organizing, planning, controlling and retailing operations, both large and small.

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 and the functional areas of marketing and the buyer’s decision-making process. Managerial applications to marketing are emphasized.

MAR 4824 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 major functional areas on specific problems.

MAR 4903 Independent Research (1-3) BA MKT
PR: CI. Individual study contract with instructor and department chairperson required. The research project will be mutually determined by the student and instructor.

MAR 4905 Independent Study (1-3) BA MKT
PR: CI. S/U only. Specialized independent study determined by the students needs and interests.

MAS 4333 Selected Topics In Marketing (1-3) BA MKT
Topics to be selected by instructor and department chairperson.

MAS 1100 Constructive Number Theory and Linear Algebra (3) US DEA
PR: Acceptance in USF-Hillsborough County Mathematics and Statistics Program. Computer oriented, 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 (4) AS MTH
CP: MGF 3301 and either 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.

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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, divergence and curl, Green's, Stokes' Theorems, elementary continuous groups. Structure, metabolic, and genetic phenomena pertinent to understanding growth, development, ecology, regulation, and reproduction of microorganisms. Emphasizes the interdependence of physiological and genetic approaches. Lecture only.

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 congruences, 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 isomorphisms.

MAT 4930 Selected Topics in Mathematics 6A (3) AS MTH
PR: Admission to Mathematics Honors Program and CC. S/U only. Course restricted to mathematics majors.

MAT 4906 Independent Study 6A (1) 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 4970 Mathematics Majors Seminar 6A (1) AS MTH
PR: MAS 4301. An undergraduate seminar in mathematics. The content will depend on the interest of faculty members and student demand.

MGF 1107 Mathematics for Liberal Arts 6A QM (3) NU NUR
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. Concepts and analytical skills in areas of logic, linear equations, linear programming, mathematics of financial, permutations and combinations, probability, and descriptive statistics.

MCF 2313 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 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. Computer experiments in the behavior of detailed examinations of bacteria important to man in agriculture, industry and as pathogens.

MCF 4404 Microbial Physiology and Genetics (4) AS BIO
PR: MCB 3020C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and PHY 2053. CP: PCB 3023 or PCB 3063 or PCB 3712 and CHM 2211. Physiological, metabolic, and genetic phenomena pertinent to understanding growth, development, ecology, regulation, and reproduction of microorganisms. Emphasizes the interdependence of physiological and genetic approaches. Lecture only.

MCF 4404L Microbial Physiology and Genetics Laboratory (1) AS BIO
CR: MCB 4404. Laboratory portion of Microbial Physiology and Genetics. Topics relating to biochemical characteristics and metabolic capabilities of bacteria. Laboratory only.

MCF 4503 Virology (3) AS BIO
PR: MCB 3020C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHM 2211. The biology of viruses associated with plants, animals, and bacteria will be considered: the nature of viruses, mechanisms of viral pathogenesis, and interactions with host cells.

MCF 4910 Microbiology Undergraduate Research (1-4) AS BIO
PR: CC. For B.S. Microbiology majors only. S/U only. Individual investigation with faculty supervision.

MCF 4934 Seminar In Microbiology (1) AS BIO
PR: Senior or advanced junior standing. S/U only. Biology majors may take for elective credit.

MCF 5206 Public Health and Pathogenic Microbiology (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.

MCF 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 4010C Meteorology (4) AS GPY
PR: GEO 2200 or CI. An introductory survey of climatology. A qualitative study of the dynamics and general circulation of the atmosphere. Surface and upper level atmospheric linkages in the mid-latitudes will be examined. Discussion of the regional climatic patterns and anomalies pertinent to the world.

MET 4002 Climatology (4) AS GPY
PR: GEO 2200 or CI. The earth's atmosphere and its processes; weather forecasting; 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 19 or better ACT Math Score, or 72 or better Elementary Algebra CPT score. Concepts and analytical skills in areas of logic, linear equations, linear programming, mathematics of finance, permutations and combinations, probability, and descriptive statistics.

MGF 1117 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 presented in the historical context and their impact on the development of mathematics is discussed.
functions under iteration: periodicity, attractors, stability, complex systems, fractal dimension, sensitive dependence.

MGF 4403 The Early History of Mathematics 6A MW (3) AS MTH
PR: MAC 2312 and upper-level standing. A study of the history and development of mathematics from the formation of number systems to the Renaissance.

MGF 4406 The History of Modern Mathematics 6A MW (3) AS MTH
PR: MAC 2313. Traces the development of mathematical ideas in Western culture.

MTH 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 theory and decidability.

MTH 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.

MTH 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 FMH
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 in context.

MHS 4002 Behavioral Health Systems Delivery (3) FM FMH
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-minors 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 4408 Exemplary Practices in Behavioral Healthcare Treatment (3) FM FMH
PR: MHS 3411 This course explores exemplary clinical practices in public behavioral health service delivery. Best or exemplary practices are defined as those that have both a track record and their efficacy has been empirically validated. Modules may begin with a historical perspective of the treatment of a specific population or a treatment strategy but will primarily focus on emerging methodologies.

MHS 4425 Field Experience in Behavioral Healthcare (3) FM FMH
PR: MHS 3411, MHS 4002, MHS 4408 This experiential class allows the student to observe and participate with multidisciplinary staff of a provider agency. The student will attend team meetings, observe individual, group, and case management services. Assignments will be made to maximize the student's time investment in the field. Observations and experiences will be discussed in biweekly class meetings. Students are required to spend 120 hours (an average of 8 hours per week for 15 weeks) in an agency. Advisor approval required two months in advance of semester.

MHS 4905 Independent Study: Guidance and Counseling Education (1-4) ED EDG
PR: DPR. Only. Specialized independent study determined by the student's needs and interests.

MHS 4906 Directed Study (1-4) FM FMH
Directed study. Student must have a contract with an instructor.

MHS 4931 Selected Topics (1-4) FM FMH
PR: Instructor's approval. The course content will depend on student demand and instructor's interest. The course may be repeated for different topics up to 8 hours.

MHS 5200 Fundamentals of Mental Health Counseling (3) AS REH
PR: CC. A skill-building course on the utilization of one's self in mental health counseling relationships. Includes study of the origin, history, professional functions and current issues in the discipline of mental health counseling.

MHS 5400 Human Growth and Development (3) AS REH
PR: RCS 5780, MHS 3200, Major only. Human development theory as applied in psychotherapy and case management rehabilitation, mental health, and addiction settings.

MHS 5905 Directed Studies (1-4) ED EDG
Independent study of a selected topic.

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, 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 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 on cellular components of the blood as 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 pathogens 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 instrument, 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 SS HP

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 feature writing.

MMC 4200 History and Principles of Communications Law (3) AS COM
PR: MMC 2100 and MMC 3602. An introduction to the techniques of writing scripts for electronic media. Emphasis is on documentary feature writing.

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 4420 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 4945 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.

MSC 201C Leadership in the Army Profession (2) US MIS
Examines the unique duties and responsibilities of officers, organization and role of the Army, review skills pertaining to fitness and communication, analyze Army values and expected ethical behavior. Lec.-Lab.

MSC 1002C Leadership Models and Methods (2) US MIS
Presents fundamental leadership concepts and doctrine, practice basic skills that underlie effective problem solving, examine the officer experience. Lec.-Lab.

MSC 2101C Leadership in Changing Environments (2) US MIS
Develops knowledge of self, self-confidence, and individual leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills. Lec.-Lab.

MSC 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.

MSC 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. Repeatability for 8 semesters, but only 4 credit hours will be counted toward the program.

MSC 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 student 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.

MSC 3201C Leading Teams (3) US MIS
Examines skills that underlie effective problem solving, analyze military missions and plan military operations, execute squad battle drills.

MSC 3202C Leading Small Units (3) US MIS
Prbes leader responsibilities that foster an ethical command climate, develop cadre leadership competencies, apply principles and techniques of effective written and oral communication.

MSC 4301C Leadership Development (3) US MIS
Discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, and apply leadership principles to problem solving in a complex case study/simulation.

MSC 4302C Preparing for Army Leadership (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 level.

MSC 4930 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 4302 Introduction to Topology 6A (3) AS MTH

MTG 5256 Differential Geometry (3) AS MTH
PR: MAC 4211. MAS 3105. Exterior calculus, differentiable manifolds, integration of differential forms, surfaces in 3-space, covariant derivative, curvature, 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
PR: MUT 1112 and DPR. Private instruction in original composition. Required of composition majors.

MUC 2301 Introduction To Electronic Music FA (3) VP MUS
History and repertory of electronic music; standard sound studio techniques; basic electronics as applied in electronic sound synthesis; MIDI; mathematics for music, composition and electronic music.

MUC 2331 Composition (3) VP MUS
PR: Necessary competency at junior level determined by faculty jury. DPR. Private instruction in original composition. Required of composition majors.

MUC 3401 Electronic Music-Analog Synthesis I (3) VP MUS
PR: MUC 2301 and DPR. Composition for tape medium with analog synthesizers; use of sound recording studio; repertory or analog music synthesis; technical basis of analog systems design and construction.

MUC 3402 Electronic Music-Analog Synthesis II (3) VP MUS
PR: MUC 2301 and DPR. Composition for tape medium with analog synthesizers; use of sound recording studio; repertory or analog music synthesis; technical basis of analog systems design and construction.

MUC 3441 Electronic Music-Digital Synthesis I (3) VP MUS
PR: MUC 3401 or MUC 3402 and DPR. Computer assisted composition for conventional instruments; composition for tape medium with computer controlled analog synthesizers; direct digital synthesis; digital systems design and construction.

MUC 3442 Electronic Music-Digital Synthesis II (3) VP MUS
PR: MUC 3401 or MUC 3402 and DPR. Computer assisted composition for conventional instruments; composition for tape medium with computer controlled analog synthesizers; direct digital synthesis; digital systems design and construction.

MUC 4241 Composition (3) VP MUS
PR: Necessary competency at senior level determined by faculty jury. DPR. Private instruction in original composition. Required of composition majors, a minimum of six semester hours.

MUC 4403 Electronic Music-Real-Time Performance I (3) VP MUS
PR: MUC 3402 and MUC 3442 or equivalent. DPR. Composition for analog/digital equipment, performance applications; sound synthesis, interfacing electronics with conventional instruments.

MUC 4404 Electronic Music-Real-Time Performance II (3) VP MUS
PR: MUC 3402 and MUC 3442 or equivalent. DPR. Composition for analog/digital equipment, performance applications; sound synthesis, interfacing electronics with conventional instruments.

MUC 4520 Jazz Composition (3) VP MUS
PR: MUT 3354 and/or DPR. Private instruction in original jazz composition. Required of All Jazz Studies Comp. majors, minimum six of hours.

MUC 5625 Jazz Composition (2) VP MUS
PR: CI. Required of all composition majors. Private instruction in original composition.

MUE 2090 Theoretical Bases Of Music Education (3) VP MUS
PR: Necessary competency in music theory. Should investigate music education practices in the schools. Through the experience and information offered in this course a student will be able to determine his/her commitment to professional music education.
MUH 3016 Survey Of Jazz (3) VP MUS
A study of chord materials in a laboratory setting appropriate to elementary and secondary school music programs. Course content will change each semester.

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A study of chord materials in a laboratory setting appropriate to elementary and secondary school music programs. Course content will change each semester.
MUS 4931 Selected Studio Topics in Music (1-4) 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 3430 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 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 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.

MUT 3663 Advanced Jazz Improvisation I (2) VP MUS
PR: MUT 2641 or DPR. A study of jazz improvisational techniques and related jazz theory. Includes rhythmic, melodic and harmonic dictation, and sight singing.

MUT 3353 Jazz Composition and Arranging I (3) VP MUS
PR: MUT 1112 and DPR. Course designed to develop arranging and compositional skills in the jazz idiom through the study of jazz orchestration, harmonic, and melodic practices.

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 3664 Advanced Jazz Improvisation II (2) VP MUS
PR: MUT 2641 or DPR. A studio course study of the improvisational skills of the major innovators in jazz. Oriented toward the continuing development of students' solos ability. Students are required to enroll in Jazz Chamber Ensemble as a lab. Open to majors and non-majors.

MUT 3665 Advanced Jazz Improvisation III (2) VP MUS
PR: MUT 3663. 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 (1) VP MUS
PR: MUT 4340, 4341, and 4342. 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. Private and class instruction.

MVB 2325 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 2421 Trumpet 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 2422 French Horn 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 2423 Trombone 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 2424 Euphonium 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 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 3321 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 3322 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 3323 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 3324 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 3335 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 3432 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 4342 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 3433 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 3434 Euphonium 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.

MVJ 1314 Jazz Guitar 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.

MVJ 1319 Applied Jazz 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.

MVJ 1410 Applied Jazz Piano Major (3) VP MUS
PR: DPR. 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 1413 Jazz Guitar 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.

MVJ 1414 Bass 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.

MVJ 2320 Jazz Piano Principal (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.

MVJ 2323 Jazz Guitar Principal (2) VP MUS
PR: DPR. 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 2324 Jazz 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.

MVJ 2329 Applied Jazz 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.

MVJ 2420 Applied Jazz Piano 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.

MVJ 2423 Jazz Guitar Major (2) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 2424 Jazz Bass Major (3) VP MUS
PR: DPR. Private and class instruction.

MVJ 3330 Applied Jazz Piano Principal (2) VP MUS
PR: DPR. Necessary 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 3333 Jazz Guitar 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.

MVJ 3334 Jazz 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.

MVJ 3339 Applied Jazz 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.

MVJ 3430 Applied Jazz 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.

MVJ 3433 Jazz Guitar 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.

MVJ 3434 Jazz Bass 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.

MVJ 4444 Jazz Bass 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.

MVJ 4449 Jazz Percussion Major (3) VP MUS
PR: DPR. Required of all applied music majors. Private and class instruction.

MVJ 4450 Applied Jazz Performance (3) VP MUS
PR: MUT 2642 and DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 5950 Applied Jazz Piano Secondary (2) VP MUS
PR: Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVK 1121 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 1122 Keyboard Skills II (2) VP MUS
PR: MKV 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 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 2421 Piano 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.

MVK 3111 Music Majors, Level V (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 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.

MVS 1411 Violin Major (3) 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.

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 (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 5251 Applied Percussion, Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVS 1211 Applied Violin (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 1212 Applied Viola (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 1213 Applied Violoncello (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 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 1314 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 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.

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 1414 Double Bass 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 2421 Voice Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. 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 4444 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 5252 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 5253 Applied Cello (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 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.

MVS 3333 Violoncello Principal (2) 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 3334 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 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 Violoncello Principal (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 3433 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.
MVW 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.

MVW 3332 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 3333 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 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.

MVV 3331 Flute 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.

MVW 3332 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 3333 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 3334 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 3335 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 1416 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 1417 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 1418 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 1419 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 1420 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 1421 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 1422 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 1423 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 1424 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 1425 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 3334 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 3335 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 3336 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 3331 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 3332 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 3333 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 3334 Bassoon Principal (2) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3333 Saxophone Principal (2) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3343 Flute Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3342 Oboe Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3343 Clarinet Major (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3344 Bassoon Principal (2) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.

MVW 3345 Saxophone Principal (3) VP MUS
PR: DPR. Necessary competency at junior level determined by faculty jury examination. Required of all applied music majors.
NSC 3123 Naval Ships Systems II (3) US NVY
PR: NSC 2121. Capabilities and limitations of fire control systems and weapons, radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Various aspects of explosives, fusing and Naval Tactics.

NSC 3214C Navigation/Naval Operations II: Seamanship and Ship Operations (3) US NVY
PR: NSC 2212C. International and inland rules of the road; relative motion-vector analysis; ship handling, employment, and tactics, aloft communications; and operations analysis. Laboratory required.

NSC 4224 Amphibious Warfare (3) US NVY
History of amphibious warfare emphasizing doctrine and techniques as well as an understanding of the interrelations of political, strategic, operational, and technical levels of amphibious warfare from the past.

NSC 4232 Principles of Naval Management II (Leadership and Ethics) (3) US NVY
PR: NSC 2231. Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer.

NUR 3026 Fundamentals of Nursing Practice and Foundations for Critical Judgment (4) NU NUR
PR: Admission to the nursing major or CI. CR: NUR 3026L. Fundamentals and foundations of nursing practice. Focus is on developing critical thinking and communication skills when applying concepts of health to meet the basic needs of the individual across the life span from within the context of the family.

NUR 3026L Nursing Fundamentals Clinical (4) NU NUR
PR: Admission to the nursing major or CI. CR: NUR 3026. Fundamentals of clinical nursing practice. Focus on developing effective communication & critical thinking in applying nursing process to meet the basic needs of the individual across the life span.

NUR 3066L Clinical Experience in Health Assessment - RN (1) NU NUR
PR: Admission to nursing major or CI. CR: NUR 3066. Clinical experience on history taking, physical assessment skills basic to biopsychosocial assessment and physical examination of adults and children. Emphasizes diagnostic reasoning and identification of alteration in functional health patterns.

NUR 3068 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 enable the student to perform evaluations of health status throughout the lifespan.

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 3125 Pathophysiology for Nursing Practice (4) NU NUR
PR: Admission to the nursing major or CI. Central concepts of pathophysiology: cells, tissues, organs and systems. Provides essential knowledge base in 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. Focus 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 3215L Medical Surgical Nursing Clinical I (4) NU NUR
PR: NUR 3026, 3026L, 3066, 3076, 3125, 3125L. Clinical experience on history taking, physical assessment, prevention, and management of selected health care problems in patients with selected health problems related to specific abnormalities in functional patterns.

NUR 3215 Medical Surgical Nursing I (3) NU NUR

NUR 3284C Gerontological Nursing (2) NU NUR
PR: NUR 3113, NUR 3026, NUR 3026L, NUR 3066. 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 3525L Psychiatric/Mental Health Nursing (3) NU NUR
PR: NUR 3076, NUR 3066, NUR 3125, NUR 3026 and NUR 3026L. CR: NUR 3525L. Explores mind, body, and spirit alterations in functional health patterns experienced by patients with acute and chronic mental illness. Examines psychopathology, psychopharmacologic therapies and community resources and the role of the nurse in psychiatry.

NUR 3525L Psychiatric/Mental Health Nursing Clinical (3) NU NUR
PR: NUR 3076, NUR 3066, NUR 3125, NUR 3026 and NUR 3026L. CR: NUR 3525L. Focus on clinical intervention using critical thinking and communication skills with patients who require complex psychopharmacologic management. 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 to academic achievement.

NUR 3826 Ethical Legal Aspects in Nursing and Health Care MW (3) NU NUR
PR: CI. Nursing Majors. Introduction to 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 4028L Accelerated Fundamentals Laboratory (1) NU NUR
Experiences in the fundamental skills of clinical nursing practice. The focus is on applying the nursing process and developing nursing psychomotor skills.

NUR 4097 Introduction to Nursing Humanities MW (3) NU NUR
Overview of the humanities in nursing including an exploration of fictional and biographical literature, visual art, film, and multidisciplinary professional literature focusing on human experience of and response to health, illness, death, and dying.

NUR 4098 Perioperative Nursing (3) NU NUR
PR: Admission to the nursing major or Registered Nurse. Provide nursing students or Registered Nurses with basic knowledge and clinical skills to function in an entry level. Extensive classroom and clinical experience in aseptic technique and considerations for various types of surgical procedures are included.

NUR 4165 Nursing Inquiry (3) NU NUR
PR: Admission to the nursing major or CI. An introductory course in research methodology. Emphasis is on the identification, evaluation, and critical analysis of nursing research and evidence-based practice.

NUR 4178 Complimentary and Alternative Therapies MW (3) NU NUR
PR: Admission to the nursing major or Registered Nurse. Provide nursing students or Registered Nurses with basic knowledge and clinical skills to function in an entry level. Extensive classroom and clinical experience in aseptic technique and considerations for various types of surgical procedures are included.

NUR 41914 An Interdisciplinary Perspective in HIV Disease 6A MW LW (3) NU NUR
PR: Admission to the nursing major or CI. Provides an interdisciplinary perspective on HIV disease. Topics include the etiology, spectrum, and treatment of HIV disease; international perspectives; issues of race, gender, and ethnicity; values, ethics, and their influences on research, policy, and practice. Opportunities to develop critical thinking and communication skills in the application of social, political, economic, and ethical principles.

NUR 4195 Issues in Advanced Illness, Dying and Death MW (3) NU NUR
PR: Admission to the nursing major or CI. Explores an interdisciplinary perspective on end-of-life care. Focuses on evidence-based practice for nursing.

NUR 4178 Complimentary and Alternative Therapies MW (3) NU NUR
PR: Admission to the nursing major or CI. Focuses on evidence-based practice for nursing. Discusses the effectiveness and appropriateness of alternative and complementary therapies in the management of chronic conditions and pain.

NUR 41914 An Interdisciplinary Perspective in HIV Disease 6A MW LW (3) NU NUR
PR: Admission to the nursing major or CI. Provides an interdisciplinary perspective on HIV disease. Topics include the etiology, spectrum, and treatment of HIV disease; international perspectives; issues of race, gender, and ethnicity; values, ethics, and their influences on research, policy, and practice. Opportunities to develop critical thinking and communication skills in the application of social, political, economic, and ethical principles.

NUR 4216 Medical Surgical Nursing Clinical II (5) NU NUR
Emphasizes clinical judgment in implementing therapeutic nursing interventions for patients with complex health problems related to alterations in multiple functional health patterns.

**NUR 4216 Medical Surgical Nursing II (4) NU NUR**
PR: NUR 3215, NUR 3215L, NUR 3145. 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 intervention for patients with alterations in Visual and Auditory systems, Musculoskeletal systems, Gastrointestinal systems, and Reproductive systems.

**NUR 4235L Accelerated Integrated Clinical I (5) NU NUR**
Focus on critical thinking, effective communication and nursing interventions for individuals of all ages in the in-patient and community settings.

**NUR 4257 Critical Care (2) NU NUR**
PR: Nursing Majors or CI. Basic concepts of critical care nursing, focusing on selected health problems to analyze the effects of changes in health status.

**NUR 4330 Classroom Management of Children with Acute and Chronic Conditions MW (3) NU NUR**
Addresses common childhood health conditions educators may see in classroom. Policy issues related to child health, management of acute and emergency situations, and the impact of childhood chronic conditions on the child’s educational performance.

**NUR 4355 Child and Adolescent Health Nursing (3) NU NUR**

**NUR 4379 Strategies to Reduce Child and Adolescent Health Disparities MW (3) NU NUR**
Service learning course that addresses child and adolescent health disparities. Plan, implement, and evaluate theory and evidence-based health promotion programs to reduce racial/ethnic, age, and gender health disparities in children and adolescents.

**NUR 4455 Women’s Health Nursing (2) NU NUR**
PR: NUR 4216, NUR 4216L. CR: NUR 4635L, NUR 4636, NUR 4455. 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 4455. 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 4636L Community/Public Health Nursing Clinical for the RN (3) NU NUR**
CR: NUR 4636 or CI. 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 4636 Community/Public Health: Population-Focused Nursing MW (3) NU NUR**
PR: NUR 4216, NUR 4216L or CI. 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 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 intervention outcomes for designated populations with consideration for criminal socioeconomic, political and 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 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 4655 Cultural Diversity in Health and Issues MW (3) NU NUR**
Explore the impact of culture on health, illness and the meanings these terms carry for members of differing sociocultural populations. Health-related practices, values, strategies for health care and beliefs among cultural groups will be analyzed.

**NUR 4677L Accelerated Integrated Clinical II (5) NU NUR**
Focus on nursing interventions for the patient with physical and mental health problems. Therapeutic communication and clinical judgment to implement nursing interventions with the patient and family.

**NUR 4696 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 aggregates/ business, social, economic, and legal forces influencing that role; standards and characteristics of practice; and settings for occupational health nursing practice.

**NUR 4755C 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 treatment outcomes for designated populations with consideration for criminal socioeconomic, political and legal factors.

**NUR 4838 Leadership and Management in Professional Nursing Practice (3) NU NUR**
PR: NUR 4455, NUR 4355, NUR 4636, NUR 4636L or CI. 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 4895 Educational 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 4905 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 4930 Registered Nurse First Assistant Course (3) NU NUR**
PR: CI. This course will provide a foundation of knowledge and technical skills necessary for the experienced perioperative registered nurse to function in the role of registered nurse first assistant (RNFA).

**NUR 4955 Selected Topics In Nursing (1-8) 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 4940 Internship for the Registered Nurse First Assistant (4) NU NUR**
PR: CI. This course provides 120 hours of clinical experiences in the roles and responsibilities and technical skills required of the registered nurse first assistant (RNFA).

**NUR 4948L Preceptorship (6) NU NUR**
PR: NUR 4216, NUR 4216L, NUR 4355, NUR 4455, NUR 4636, NUR 4635L. Individualized contracted 150 hours of clinical practicum 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 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 proficiency in the understanding and oral communication of literary and other written materials.
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 biomedical 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
CP: CHM 2210. 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. Lecture only.

PCB 3023L Cell Biology Laboratory (1) AS BIO
CP: PCB 3023. Laboratory portion of Cell Biology. Metabolic processes within the cell.

PCB 3043 Principles of Ecology (3) AS BIO
BSC 2010, BSC 2010L, BSC 2011, BSC 2011L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023.
An introduction to the basic principles and concepts of ecology at the ecosystem, community, and population level of organization. Lecture only.

PCB 3043L Principles of Ecology Laboratory (1) AS BIO

PCB 3063 General Genetics (3) AS BIO
BSC 2010, BSC 2010L, BSC 2011, BSC 2011L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023.
Comparative analysis of animal structure and function: organ systems and activities of body tissue and organs. Functional responses of plants to both internal and environmental signals lecture only.

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 3712 General Physiology (3) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L and CHM 2045, CHM 2046 and MAC 1105 or higher-level MAC course or STA 2023. Comparative analysis of animal structure and function: organ systems and activities of body tissue and organs. Functional responses of plants to both internal and environmental signals lecture only.

PCB 3713L General Physiology Laboratory (1) AS BIO
PR: PCB 3712. Laboratory portion of General Physiology.

PCB 4235 Principles of Immunology (3) AS BIO
PR: PCB 3023 or PCB 3063 or MCB 3020C and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. Emphasis is on organization and functions of vertebrate immune system. Basic cellular and molecular mechanisms of immune responses in health and disease are addressed as well as the principles and applications of immunological methods. Lecture only.

PCB 4522 Experimental Genetics (3) AS BIO
Experimental analysis of genetic systems. Lec-Lab.

PCB 4574 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 Laboratory (1) AS BIO
CP: PCB 4723 & CHM 2210 & MAC 1105 or higher-level MAC course or STA 2023 & PHY 2053. CP: CHM 2211. Advanced presentation of mechanisms employed by animals to interact with their environment and to maintain their own homeostasis. Lecture only.

PCB 4723L Animal Physiology Laboratory (1) AS BIO
CP: PCB 4723. Laboratory portion of Animal Physiology.

PCB 4843 Principles of Neuroscience (3) AS BIO
PR: PCB 4723 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and PHY 2053. CP: CHM 2211. Study
of the mammalian brain's structure and function, with an emphasis on human anatomy, neurophysiology, and neuroepidemiology. Topics include brain imaging, dementia, mechanisms of learning/memory, and neuropsychopathological processes. Lecture only.

PET 3256 Developmental Biology (3) AS BIO
PR: PCB 3023, PCB 3063 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and CP: CHM 2211. 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. Lecture only.

PET 3307 Limnology (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.

PET 5121 Golf I (2) ED EDJ
S/U only. Introductory experience in the sport of golf. Fundamental skills, information, strategy, and participation.

PET 1341 Tennis I (2) ED EDJ
S/U only. Introductory experiences in the sport of tennis. Basic skills, information, strategy, and participation.

PET 2122 Golf II (2) ED EDJ
S/U only. Continuation of PET 1121. Emphasis on course play and refinement of strokes.

PET 2342 Tennis II (2) ED EDJ
S/U only. Continuation of PET 1341L. Refinement of basic skills, supplementary strokes, greater emphasis on tactics and playing strategies.

PET 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.

PET 3311 Weight Training (2) ED EDJ
S/U only. Knowledge and techniques necessary for increasing muscle function. Assessment of status and development of a personal program.

PET 3411 Karate (2) ED EDJ
S/U only. Introductory experiences in the sport of Karate. Fundamental skills, strategy, information, and participation.

PET 2930 Selected Topics (1-2) ED EDJ
S/U only. DPR. Activities offered are selected to reflect student need and faculty interest.

PET 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.

PET 2113 Lifeguard Training (2) ED EDJ
PR: PEN 2122 or equivalent. S/U only. Knowledge and skills necessary for saving the lives of others in the event of aquatic emergency. ARC certification offered.

PET 2136 Skin & Scuba Diving (2) ED EDJ
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.

PET 2622C Care and Prevention of Physical Injuries (3) ED EDP
DPR. Principles, techniques of conditioning athletes for competition; prevention and care of injuries in physical education and athletic activities.

PET 3012 Professional Development in Physical Education I (1) ED EDP
PR: CC. This is the first of a two course sequence of orientation and socialization into the profession and is intended to develop dispositions necessary for successful professional practice.

PET 3013 Professional Development in Physical Education II (1) ED EDP
PR: PET 3012. This is the second of a two-course sequence of orientation and socialization into the profession and is intended to develop dispositions necessary for successful professional practice.

PET 3031 Motor Behavior (3) ED EDP
PR: CC. Study of the assessment, evaluation and motor development performance of children and adolescents and application of principles and motor skills acquisition in physical education instruction. Open to non-majors.

PET 3211 Stress Management (2) ED EDP
PR: Admission to the Exercise Science Program. This course will focus on the health and psycho physiological aspects of stress. A variety of topics will be addressed for self-regulating stress such as changing perceptions, time management, communication, biofeedback, exercise, and muscle relaxation.

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 controversies 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 3312 Biomechanics (3) ED EDP
PR: Admission to the Exercise Science Program or Permission of Instructor. This course will focus on the structure and function of the skeletal and muscular systems as well as the mechanical principles related to motor performance.

PET 3314 Professional Development Seminar I (1) ED EDP
PR: Admission to the Exercise Science Program. This course will introduce the student to the exercise science field. Focus will be on professional conduct, job opportunities, organizations, certifications, and trends/issues. Students will develop skills to critique fitness/wellness information.

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. Open to non-majors.

PET 3353 Exercise Physiology (3) ED EDP
PR: Admission to the Exercise Science Program or Permission of Instructor. This course is designed to explore physiological adjustments and adaptations that occur as the result of exercise. The main focus will be on exercise-induced changes in the metabolic, cardiovascular, respiratory, neuromuscular, and endocrine systems.

PET 3361 Nutrition for Fitness and Sport (3) ED EDP
PR: Admission to the Exercise Science Program. This course will address weight management/weight loss, common diets, dietary supplements, ergogenic aids, and eating disorders. Content will focus on nutrition and weight management guidelines established by the American College of Sports Medicine.

PET 3365 Physical Activity Epidemiology (3) ED EDP
PR: Admission to the Exercise Science Program. A presentation of the background and main concepts of epidemiology and discussion and summary of original research. Major topics include coronary artery disease, cerebrovascular disease, peripheral vascular disease, diabetes, arthritis, and COPD.

PET 3364 Exercise Testing and Prescription (3) ED EDP
PR: Admission to the Exercise Science Program. This course will become proficient in performing a variety of exercise tests and prescribe appropriate exercises for aerobic capacity, muscular strength and endurance, body composition, flexibility and physical fitness.

PET 3404 Emergency Response and Planning (3) ED EDP
PR: Admission to the Exercise Science Program. Students will develop emergency response knowledge and skills through ARC first aid, emergency response, CPR/AED certifications and will proactively assess, develop and implement a plan of response for emergency situations in fitness/wellness centers.

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 3441 Instructional Design and Content: Middle School Physical Education (3) ED EDP  
Physical Education majors only. The development of physical education content 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 I (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 spine.

PET 3621C Athletic Training Techniques (3) ED EDP  
Athletic Training majors only. Overview course including basic components of the athletic training profession including the prevention, recognition and evaluation and immediate care of athletic injuries. Medical terminology, emergency procedures, and taping procedures will be covered.

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, piyometric training, isokinetic testing, stability ball training, and a variety of common exercise equipment.

PET 3640 Athletic Training and 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 3660 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 3670L 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 NATA/BOC 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 3671L Clinical Instruction in Athletic Training II (3) ED EDP  
PR: PET 3670L. Athletic Training majors only. Continuation of clinical experience utilizing new skills under the direction of an NATA/BOC certified/state licensed athletic trainer. This course provides students with the opportunity to develop competence in a variety of introductory and mid-level athletic training skills. Clinical experiences are obtained in the university’s sports medicine facilities and/or approved affiliates and will be accompanied by a one-hour seminar each week.

PET 3713 Theory and Practice of Teaching Group Exercise (3) ED EDP  
PR: Admission to the Exercise Science Program. In developing group exercise leadership skills, students will learn how to apply principles of teaching safe and effective exercises designed to enhance cardiovascular endurance, muscular strength/endurance, and flexibility.

PET 3931 Selected Topics (1-3) ED EDP  
DPR. Topics offered are selected to reflect student need and faculty interest.

PET 4040 Practicum in Fitness/Wellness (3) ED EDP  
PR: Admission to the Exercise Science Program. This course will provide students with the information necessary for designing and implementing a successful strength and conditioning program through assessment and analysis of fitness and sport movement.

PET 4093 Strength and Conditioning (3) ED EDP  
PR: Admission to the Exercise Science Program. This course will provide students with the information necessary for designing and implementing a successful strength and conditioning program through assessment and analysis of fitness and sport movement.

PET 4111 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 4142 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 419 Exercise Psychology (3) ED EDP  
PR: Admission to the Exercise Science Program. A presentation of the basic concepts related to exercise behavior. The content will include topics related to the psychosocial dimensions of exercise behavior to include participation, motivation, and adherence. Theoretical models will also be presented.

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 athletic endeavors. Review and application of basic coaching techniques.

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, arthritics, 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 exercise prescription for adults. Includes cardiovascular strength, flexibility, body composition, health risk testing, exercise pre-screening, and monitoring. Open to non-majors.

PET 4401 Class Management, Safety, Ethics, Law, and Organization and Administration of Physical Education (3) ED EDP  
Physical Education majors only. This course will examine the various classroom management approaches, professional ethics, school law, safety, and the organization and administration of physical education programs.

PET 4402 Planning and Evaluating Fitness/Wellness Programs (3) ED EDP  
PR: Admission to the Exercise Science Program. This course will focus on the design of high quality fitness/wellness programs in worksite and other settings. Students will learn and apply the major components of program planning – needs assessment, development, implementation, and evaluation.

PET 4406 Individualized Fitness/Wellness Programming (3) ED EDP  
PR: Admission to the Exercise Science Program. In this course students will learn how to assess, evaluate, and design safe and effective programs for individual clients. Students will also learn how to incorporate appropriate activities for specialized clients or populations.

PET 4416 Administration of Fitness/Wellness Centers (3) ED EDP  
PR: Admission to the Exercise Science Program. This course will examine management issues in the areas of human resources, budgeting, marketing, legal liability, and risk management. Students will develop skills to manage safe/effective programs and services in various fitness/wellness settings.

PET 4432 Instructional Design and Content: Physical Education Elementary (3) ED EDP  
Physical Education majors only. The application of principles from philosophy, psychology, sociology, and physiology to competitive athletic endeavors. Review and application of basic coaching techniques.

PET 4433 Instructional Design and Content: Physical Education Elementary II (3) ED EDP  
Physical Education majors only. This is the first in a two-course sequence in which students study movement forms and instructional processes suitable for elementary age students. Majors only.

PET 4434 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 movement principles utilized within those activities as well as on instructional progression and the
preparation of materials for instruction at the secondary school level.

PET 4550 Clinical Exercise Testing and Prescription (3) ED EDP
PR: Admission to the Exercise Science Program. A presentation of concepts related to the clinical aspects of fitness assessment and exercise prescription. Laboratory. Clinical conditions that will be considered include: cardiovascular disease, pulmonary disease, metabolic disease, arthritis, and geriatrics.

PET 4625 Advanced Athletic Training (3) ED EDP
PR: PET 3617C and PET 3618C. Athletic Training majors only. Advanced techniques in athletic training including orthopedic assessment, casting and bracing and imaging techniques.

PET 4627 General Medical Conditions in the Athlete (3) ED EDP
PR: PET 3617C and PET 3618C. A part-time internship in middle or high school level physical education. Focus on the nature of the total elementary school program. This course will include discussion of topics and issues related to the field of athletic training. Restrictions: Majors only. A full-day internship in middle, junior, or senior high school physical education with focus on the implementation of appropriate content and methodology to meet the needs of secondary students.

PET 4905 Independent Study: Professional Physical Education (1-4) ED EDP
PR: Admission to the Exercise Science Program. A presentation of concepts related to the clinical aspects of fitness assessment and exercise prescription. Laboratory. Clinical conditions that will be considered include: cardiovascular disease, pulmonary disease, metabolic disease, arthritis, and geriatrics.

PET 4632C Therapeutic Modalities (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 an 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 must be assigned to a USF athletic 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 an 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 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 6A LW (3) ED EDP
PR: PET 3617C and PET 3618C. The advanced study, writing, and discussion of topics and issues related to the field of athletic training. Emphasis is on professional preparation, credentialing, governance, ethics, and scope of practice. Employment issues will also be studied.

PET 4935 Case Studies in Athletic Health Care (3) ED EDP
Athletic Training majors only. Capstone course intended to provide a unified opportunity to utilize concepts, principles and skills learned from other athletic training courses.

PET 4941 Internship in Fitness/Wellness (9) ED EDP
PR: Admission to the Exercise Science Program. This course will provide the full field experience in a community fitness/wellness center serving both general and special populations. Practical experiences will focus on all aspects of program development, delivery, and management.

PET 4942 Physical Education Pre-Internship: Elementary (3) ED EDP
PR: CC. 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 content and instruction competencies.

PET 4944 Physical Education Pre-Internship: Secondary (3) ED EDP
CC. A part-time internship in middle or high school level physical education with focus on the relationship of physical education to the needs of the adolescent and the implementation of appropriate content and methodology.

PET 4946 Internship in Physical Education: Elementary (6) ED EDP
CC. 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 Internship in Physical Education: Secondary (6) ED EDP
CC. A full-time internship in the secondary school in which the student undertakes the full range of teaching responsibilities in physical education with focus on the implementation of appropriate content and methodology to meet the needs of secondary students.

PGY 2110C Color Photography (3) VP 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 publication.

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 experimental ways of working with light-sensitive materials with an 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 3001 Photography in America Culture (3) AS ANM
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 memorable icons. Open to majors and non-majors.

PGY 3410C Intermediate Photography (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ART 3310C, ARH 2050, ARH 2051, PGY 2401C. 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 photography, design and editing.

PGY 3930C Special Topics: Photography (3) VP ART
PR: PGY 3410C. 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-silver and documentary photography. Repeatable up to 9 hours.

PGY 4420C Advanced Photography (3) VP ART
PR: PGY 3410C (3 cr.), PGY 3930C (6 cr.) and a 3.25 major GPA. Majors only. 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, web and digital video creation.

PGY 4932 Art Photography in the Digital Age (4) VP ART
PR: CI. Advanced work in photography and related media leading to development of personal/expressive statements.

PHC 4542 Stress, Health and College Life (3) PH CFH
The purpose of this course is to examine the relationship between stress, as a multi-causal concept, health and disease. Focus areas include: the historical evolution and current theories of stress as they relate to types of stressors, physiological reactions and predisposition to disease, and techniques related to the recognition and prevention of an unhealthy level of stress.

PHC 2000 Introduction to Philosophy 6A HP (3) AS PHI
An introduction to selected philosophical problems and traditions.

PHC 3010 History of Philosophy: Ancient and Medieval (3) AS PHI
A survey of Western philosophy from the pre-Socratics to the end of the Middle Ages.

PHC 3400 History of Philosophy: Modern (3) AS PHI
A survey of Western philosophy from the end of the Middle Ages to the eighteenth century.
PHH 4440 Continental Philosophy (3) AS PHI
A study of developments in post-Kantian European philosophy.

PHH 4600 Contemporary Philosophy 6A MW (3) AS PHI
Selected schools of twentieth century thought such as idealism, positivism, pragmatism, realism, and existentialism.

PHH 4700 American Philosophy 6A MW (3) AS PHI
Major traditions in American thought, Puritanism, the Enlightenment, Transcendentalism, Idealism, Pragmatism, and Analytic Philosophy in relation to American culture.

PHH 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.

PHI 1103 Critical Thinking SS (3) AS PHI
Methods of thinking that lead to reliable conclusions, with emphasis on concrete cases in ordinary thinking and the sciences.

PHI 1401 Science and Society 6A SS (3) AS PHI
This class teaches students to become a better “Scientific Citizen,” 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
A study of ethical theories, concepts, problems and methods.

PHI 2101 Introduction to Formal Logic 6A QM (3) AS PHI
An elementary study of prepositional, predicate, class and syllogistic logic with some attention to basic problems of logical theory.

PHI 2630 Contemporary Moral Issues SS (3) AS PHI
Open to all students. A study of contemporary moral issues concerning sex, existence, abortion, poverty, crime, war, suicide, and human rights in general.

PHI 2631 Ethics and Business SS (3) AS PHI
An application of traditional ethical theories to contemporary problems in business.

PHI 3404 Philosophy of Science (3) AS PHI
How is science different from other methods of inquiry about the world? What distinguishes science from pseudoscience? From religion? How do we test scientific theories? What are the factors that lead scientists to accept a theory?

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, racism, sexism, 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, 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. Selected topics according to the needs of the student.

PHI 4073 African Philosophy MW (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 priori.

PHI 4320 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, Hoagland 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, narrative ethics—and on specific types of theories—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 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 under the supervision of 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 SS (3) AS PHI
PR: PHI 2100 or CI. Study of topics such as the following: Metatheory of propositional and predicate logic, related meta-theoretic results, alternative logics.

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 meaning, 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 5934 Selected Topics (1-3) AS PHI
PR: CI. Approval slip from instructor required. Selected topics according to the needs of the student.

PHM 3020 Philosophies of Love and Sex (3) AS PHI
Discussion of Philosophies of Love/Sex of Plato, Aristotle, Epicurus, Aquinas, Hume, Kant, Schopenhauer, Russell, Sartre, Marx, etc.

PHM 3100 Social Philosophy 6A SS 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 MW (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 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 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 will include the dialogues Protagoras, Georgias, Meno, Republic, Symposium and others.

PHP 4010 Aristotle 6A MW (3) AS PHI
Study of Aristotle’s philosophy.

PHP 4410 Kant (3) AS PHI
Lecture and discussion of Kant’s philosophy, especially the Critique of Pure Reason.

PHP 4740 The Rationalists 6A MW (3) AS PHI
A careful study of the metaphysics and epistemologies of Descartes, Spinoza, Leibniz, and Malebranche.
PHT 4745 The Empiricists 6A (3) AS PHI
A detailed study of the metaphysics and epistemologies of Locke, Berkeley, Hume, and Thomas Reid.

PHT 4784 Analytical Philosophy 6A (3) AS PHI
A study of the method devoted to clarifying philosophical problems through analysis of the language in which these problems are stated.

PHT 4788 Philosophy of Marxism 6A MW (3) AS PHI
A critical survey of Marxist philosophy from Marx and Engels to Mao Tse-Tung and Herbert Marcuse. Hegelian foundations of Marxist philosophy analyzed in detail.

PHT 5021 Professional Issues I (2) ME PHT
Foundations of systems thinking, decision making, professional expression, responsibility, and accountability (including legal/ethical concepts), culture and argumentation for the roles of the physical therapist in administration, consultation, critical inquiry, education and patient/client management. Restricted to majors.

PHT 5022 Professional Issues II (2) ME 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 5023 Professional Issues III (3) ME PHT
Focus on legal, ethical, and professional responsibility and accountability of the physical therapist. Learners will further develop their ability to make legal, ethical and clinical decisions. The class will examine state laws governing the practice of physical therapy and other health care services. Restricted to majors.

PHT 5171C Foundational Science I (3) ME 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) ME PHT
Emphasis on physiology of the peripheral sensorimotor and cardiopulmonary systems. Restricted to majors.

PHT 5173C Foundational Science III (2) ME PHT
Emphasis on physiology of the peripheral sensorimotor and cardiopulmonary systems. Restricted to majors.

PHT 5184 Movement Science I (2) ME PHT
A basic introduction to movement science and its foundational principles from four different perspectives: biomechanics; kinesiology; exercise physiology; and motor control. Emphasis on understanding how these principles impact clinical decision making. Restricted to majors. Repeatable for 2 cr.

PHT 5185 Movement Science II (3) ME PHT
PR: PHT 5184 Elaboration of movement science principles with emphasis on biomechanics, kinesiology, functional anatomy, exercise physiology, histopathology, motor control and connective tissue properties. Restricted to majors. Repeatable for 3 cr.

PHT 5271 Patient/Client Management I (3) ME PHT
Introduction to principles of history taking, physical examination, 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) ME PHT
Application of principles of patient/client 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) ME 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) ME PHT
Introduction to physical therapy skills in examination, evaluation, 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 5276C Physical Therapy Science II (4) ME PHT
Introduction to physical therapy skills used in examination, evaluation, diagnosis and intervention for clients with activity limitations associated with cardiovascular, hematoLogic, or pulmonary disorders. Major emphasis on selecting, justifying, administering, and interpreting physiological responses to physical agents and therapeutic exercises. Restricted to majors.

PHT 5277C Physical Therapy Science III (3) ME PHT
Examination, evaluation, 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 5283C Physical Therapy Procedures (3) ME PHT
Introduction to selected physical therapy interventions, obtaining a patient history, and conducting a systems screen. Restricted to majors. Repeatable for 3 cr.

PHT 5316 Medical Management I (1) ME PHT
Introduction to medical diagnoses, pharmacological principles, and common orthopedic procedures as components of medical management including repair of bone and soft tissue. Restricted to majors. Repeatable for 1 credit.

PHT 5380 Medical Management II (1) ME PHT
PR: PHT 5316 Seminar on the medical and surgical management; epidemiology; pathophysiology; pharmacology of injuries and diseases of the cardiopulmonary system including repair and regeneration. Restricted to majors. Repeatable for 1 credit.

PHT 5522 Clinical Education I (3) ME PHT
Initial clinical practice experience for the development of patient care skills. The course is graded Satisfactory/Unsatisfactory. Restricted to majors.

PHT 5960 Directed Independent Study (1-10) ME PHT
Directed independent study, content to be decided. Restricted to majors.

PHT 5934 Special Topics I (1-10) ME PHT
A selection of physical therapy practice issues. Topics may vary each semester the course is offered. A seminar and/or lab course. Restricted to majors. Not repeatable for credit.

PHT 5960 Clinical Proficiency and Problem Solving I (1) ME PHT
Practicum for patient/client management of individuals with musculoskeletal related movement disorders complemented by direct patient care learning. Restricted to majors. Repeatable for 1 credit hour.

PHT 5961 Clinical Proficiency and Problem Solving II (1) ME PHT
PR: PHT 5960 Practicum for the synthesis of skills, knowledge, and values for management of individuals with cardiopulmonary and endocrine related movement disorders complemented by direct patient care learning. Restricted to majors. Repeatable for 1 credit hour.

PHY 2020 Conceptual Physics NS (3) AS PHY
No credit for Physics or Mathematics majors. A qualitative, non-mathematical investigation of physics, emphasizing its influence on life today.

PHY 2048 General Physics I 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 2053 and PHY 2048 courses. First semester of a two-semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.

PHY 2048L General Physics I Laboratory (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 2053L and PHY 2048L courses. First semester of a two-semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.

PHY 2049 General Physics II NS (3) 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 PHY2054L and PHY 2049L courses. Second semester of general physics and laboratory for physics majors and engineering students.

PHY 2049L General Physics II Laboratory (1) AS PHY
PR: MAC 2282 or MAC 2312, PHY 2048, PHY 2048L. Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY2054L 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 PHY2053 and PHY2048 PHY 2048 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 2053L General Physics I Laboratory (1) AS PHY**
Must be taken concurrently with lecture and, if dropped, then dropped simultaneously. May not receive credit for both the PHY 2053L and PHY 2048L courses. First semester of a two-semester sequence of general physics (mechanics, heat, wave motion, sound, electricity, magnetism, optics, modern physics) laboratory 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 2054 and PHY 2049 courses. Second semester of general physics lab for science students.

**PHY 2054L General Physics II Laboratory (1) AS PHY**

**PHY 3221 Mechanics I (3) AS PHY**
PR: PHY 2048. CR: MAC 2283 or MAC 2313. First semester of a two-semester sequence. Review of vector algebra and vector calculus. Dynamics of single particles and rigid systems of particles; central forces; rotation about an axis; statics; and virtual work.

**PHY 3323 Electricity and Magnetism I (3) AS PHY**
PR: PHY 2049, MAC 2283 or MAC 2313. Electrostatic fields and potentials, dielectrics, classical conductivity, RC circuits, Fourier and finite element methods. First semester of sequence PHY 3323, PHY 4324.

**PHY 3424 Optics (4) AS PHY**
PR: PHY 2049; CR: MAC 2283 or MAC 2313. Reflection, refraction, dispersion, interference, diffraction, polarization, and laboratory.

**PHY 3822L Intermediate Laboratory (3) AS PHY**
PR: PHY 2049 or equivalent; CR: PHY 3101. Experiments in modern physics, including the areas of atomic, nuclear, solid state and wave phenomena.

**PHY 4031 Great Themes in Physics 6A MW (3) AS PHY**

**PHY 4321 Mechanics II (3) AS PHY**
PR: PHY 3221; CR: MAP 2302. Continuation of PHY 3221. Coupled oscillators and normal modes; moving coordinate systems; Lagrange’s and Hamilton’s equations; inertia tensor; general rotation of rigid bodies.

**PHY 4324 Electricity and Magnetism II (3) AS PHY**
PR: PHY 3323. Introduction to special relativity, magnetic fields and potentials, magnetic materials, RL and RLC circuits, Maxwell’s equations and applications.

**PHY 4523 Statistical Physics (3) AS PHY**
PR: PHY 3101, senior status. Statistical approach to thermodynamics and kinetic theory and introduction to statistical mechanics.

**PHY 4604 Introduction to Quantum Mechanics (3) AS PHY**
PR: PHY 3101, or CI. Basic concepts of quantum mechanics with applications in atomic, nuclear, and condensed matter physics.

**PHY 4744L Introduction to Electronics and Test Instrumentation (3) AS PHY**
PR: General Physics or CI. Introduces the fundamentals of analog and digital electronics used in measurements and instrumentation. Weekly labs give hands-on experience in breadboarding electronic circuits and using test instrumentation (oscilloscopes, digital multimeters, etc.).

**PHY 4823L Advanced Laboratory (3) AS PHY**
PR: PHY 3822L. Experimental work primarily related to modern physics. Emphasis on experimental techniques used in current research.

**PHY 4905 Independent Study (1-9) AS PHY**
PR: 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 4920 Seminar (1) AS PHY**
PR: Senior or advanced junior standing or 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.

**PHY 4936 Selected Topics in Physics (1-4) AS PHY**
PR: Senior or advanced junior standing and CC. Each topic is a course in directed study and under the supervision of a faculty member.

**PHY 5720C Electronics for Research (3) AS PHY**
A rigorous introduction to the fundamentals of analog and digital electronics. Theoretical circuit analysis and weekly labs introduce practical use of diodes, transistors, analog and digital Ics, breadboarding techniques and electronics test instrumentation. Spring, Semester.

**PHZ 4937 Selected Topics in Physics (1-4) AS PHY**
PR: Senior or advanced standing and CC. Each topic is a course in directed study under the supervision of a faculty member.

**PHZ 2102 Problems in General Physics I (1) AS PHY**
CR: PHY 2048 or PHY 2053. First 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 2103 Problems in General Physics II (1) AS PHY**
PR: PHY 2054, PHY 2054L or PHY 2049, PHY 2049L. Second semester of a two-semester sequence on solving problems in General Physics II. A course designed to be taken with the lecture course and to help students with developing problem-solving skills.

**PHZ 4151C Computational Physics (3) AS PHY**
Introduction to computer applications in physics. Emphasis on numerical modeling and simulation of physics problems using linear algebra, differential equations and Monte Carlo methods. No prior programming experience required.

**PHZ 4434 Materials Physics (3) AS PHY**
PR: PHY 2048, PHY 2049, PHY 3101. The physics and physical properties of materials. Strong emphasis is on the underlying physics of materials. Particular topics covered include crystal structure, phase, and electrical, thermal, optical, and magnetic properties of materials.

**PHZ 4702 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, 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 4703 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 5115 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.

**PHZ 5116 Methods of Theoretical Physics II (3) AS PHY**
PR: MAP 2302 or CI. Applications of mathematical techniques to classical and modern physics. Selected topics in complex analysis, differential and integral equations, numerical methods, and probability theory.

**PHZ 5304 Computational Physics I (3) AS PHY**
PR: CGS 5765 or CI. C programming applied to real science and engineering problems. Data analysis, numerical algorithms, modeling, parallel computation. Subjects selected from current research may include neurobiology, quantum magnetism, chaos, finance, materials science.

**PHZ 5304 Nuclear Physics (3) AS PHY**
PR: PHY 4604 or CI. Nuclear forces, nuclear models, nuclear structure, decay, nuclear reactions, and high energy physics.

**PHZ 5405 Solid State Physics I (3) AS PHY**
PR: PHY 3101, MAP 2302. CI. Crystal structure, x-ray and electron diffraction, mechanical and thermal properties of solids, electrical and magnetic properties of metals, band theory of...
POL 1120 Beginning Polish I (4) AS WLE
CR: POL 1120L. This course features all four major skills: listening, reading, speaking, and writing. Grammar exercises, dictation, readings and vocabulary-building are central in this first course. Knowledge of Russian can help. S/U available.

POL 1120L Beginning Polish I Laboratory (1) AS WLE
CR: POL 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.

POL 1121 Beginning Polish II (4) AS WLE
PR: POL 1120 or equivalent. CR: POL 1121L. This course continues the four basic skills of POL 1120, with continued emphasis on structures, dialogues, readings, dictation, and vocabulary-building. Knowledge of Russian can help. S/U available.

POL 1121L Beginning Polish II Laboratory (1) AS WLE
CR: POL 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.

POL 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Polish not available in regularly scheduled curriculum at departmental discretion.

POR 1120 Beginning Portugese I (4) AS WLE
CR: POR 1120L. Development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 1120L Beginning Portugese I Laboratory (1) AS WLE
CR: POR 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.

POR 1121 Beginning Portugese II (4) AS WLE
PR: POR 1120 or equivalent. CR: POR 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 1121L Beginning Portugese II Laboratory (1) AS WLE
CR: POR 1121L. 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.

POR 2201 Intermediate Portugese II (3) AS WLE
For language students who intend to attain basic proficiency.

POR 2220 Intermediate Portugese I (3) AS WLE
POR 2200 builds upon the four language skills (speaking, comprehension, reading, and writing) introduced in POR 1120 and POR 1121.

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 public services.

POS 3170 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 3591 Introduction to Law and Politics (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
Fundamentals 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 comparisons.

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, primary and secondary sources, and the writings 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 4694 Women and Law I 6A MW (3) AS WST
PR: POS 4693 or CI. Legal position of women in American society and remedies available to challenge current laws and policies, 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) 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 5050 Honor Thesis (3) AS POL
PR: Admission to Honor option. Writing of honor thesis under direction of faculty members.

POS 5094 Issues in American National and State 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 5158 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 (non-profit groups) can be analyzed.
POT 3003 Introduction to Political Theory (3) AS POL
Examines various kinds of theories 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, 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 salient 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 4204 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, and 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
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.

PPE 4003 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, biological, and psychological determinants of personality.

PSB 3444 Drugs and Behavior (3) AS PSY
This is a basic introduction to drugs and their effects on society and behavior. Specifically, drug regulations and laws will be covered as well as how drugs interact with the brain to alter consciousness.

PSB 4004C 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.

PSC 2515 Energy and Humanity NS (3) AS PHY
Social, economic, and political aspects of energy. Includes energy conservation, environmental impact, energy-source alternatives, changing lifestyles, and personal use of solar energy. The relevant basic laws of physics and the scientific method are emphasized. Field trips and audiovisual presentations play important roles.

PSY 2012 Introduction to Psychological Science SS (3) AS PSY
Introduction to the science of psychology for majors and nonmajors. Emphasis on theory and methods in broad survey of various areas of psychology including clinical, cognitive, developmental, health, industrial/organizational, social and neuropsychology.

PSY 3017 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 areas of learning, perception, physiological psychology, and cognition.

PSY 3204 Psychological Statistics 6A OM (3) AS PSY
PR: PSY 2012. Introduction to analyzing psychological data, in the context of behavioral research. Covers basic research design, descriptive statistics, analysis procedures, use of computer analysis packages, interpretation of outputs, and implications for research.

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.

PSY 4205 Experimental Design and Analysis (3) AS PSY
PR: PSY 3213 with 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: PSY 3213. S/U only. 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 complete a thesis project.

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 socio-cultural issues.

PSY 4970 Honors Thesis (1-3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. For public relations sequence majors. 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 complete a thesis project.

PUR 4002 Public Policy (3) AS POL
Examines the formation and implementation of public policy in areas such as the economy, health, etc.

PUR 4203 Environ Mental Policies and Politics (3) AS POL
Examines the politics of environmental issues, formation and implementation of environmental policy.

PUR 4323 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 non-profit organizations. Attention will be given to the role of public relations in the global and virtual marketplace.

PUR 4100 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, typography, 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: MMC 2100. 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
REA 2505 Vocabulary (3) AS ENG

REA 2105 Critical Reading and Writing

REA 1605 Learning Strategies Within Academic Disciplines (2)

RCS 5905 Directed Studies (1-4) AS REH

RCS 5450 Substance Abuse I (3) AS REH

RCS 4931 Selected Topics in Counseling Professions (3) AS REH

RCS 3030 Rehabilitation Counseling Issues in Alcoholism and Other Addictions (3) AS REH

QMB 2100 Business And Economic Statistics I 6A OM/(3) BA QMB

QMB 3200 Business And Economic Statistics II (3) BA QMB

PR: MAC 2233 or MAC 2241, QMB 2100. Simple linear regression and correlation; multiple regression and model building; forecasting models; analysis of variance; chi-square tests; nonparametric methods.

RCS 3030 Rehabilitation Counseling: Concepts and Applications (3) AS REH

PR: CC. Introduction to the profession of Rehabilitation Counseling and current issues in the field. Coverage includes rehabilitation history, legislation, case management and related services for Americans with disabilities.

RCS 5080 Medical Aspects of Disability (3) AS REH

PR: RCS 5780 or CP. A survey of medical conditions and disabilities encountered by rehabilitation and mental health counselors. Examines the relationship of client handicaps, physical and mental, to rehabilitation and mental health programming.

RCS 5035 Substance Abuse I (3) AS REH


RCS 5235 Legal, Professional Standards and Issues in Counseling (3) AS REH

PR: CC. An overview of all aspects of professional functioning including history, roles, organizational structures, ethics, standards and credentialing. Contemporary and developing issues in the field of professional counseling will also be addressed.

RCS 5905 Directed Studies (1-4) AS REH

PR: CI. Supervised rehabilitation studies under the direction of a faculty member.

REA 1605 Learning Strategies Within Academic Disciplines (2) US REA

To provide within any academic discipline the necessary learning 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 2105 Critical Reading and Writing 6A (4) US REA

This course leads to the development of advanced level critical reading and the related academic writing skills, accomplished through both classroom instruction/discussion and accompanying self-paced computer lab programs.

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 2604 Academic Strategies (1) US REA

Designed for students in academic difficulty, this 1-hour, mid-term course aims to help students assess their immediate difficulties and develop the most appropriate strategies to effectively complete all academic expectations and improve grades.

REA 2930 Selected Topics (1-4) US REA

Topics will vary to meet the needs of students. Will not be counted toward the English major.

REL 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 the 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 3048 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 markets.

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 (4) AS REL

An introduction to the critical study of the New Testament in the context of Christian beginnings in the first century A.D. This will include readings from the Apocrypha, other Gospels, and letters.

REL 2300 Introduction to World Religions HP SS (4) AS REL

This course is designed to give students an overview of the world’s major religions. Students are exposed to myths, rituals, history, primary beliefs, leaders, and other info germane to understanding each religion. Open to majors and non-majors.

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 Religious Traditions 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 Religious Studies (4) 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 (4) 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 impact 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 secular societies, with an emphasis on issues of racism, sexism and human liberation and reconciliation.

REL 3114 Comedy, Tragedy, and Religion 6A MW (3) AS REL

Examines the visions of life in comedy and tragedy, and relates them to Judaism, Christianity, and Zen Buddhism.

REL 3116 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 3117 Religion and Contemporary American Sports HP SS (3) AS REL
This course explores the function of sports in America. It covers the history of sports; the status of American sports; and sports as religious events. The course is open to majors and nonmajors and is not repeatable for credit.

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 Religion 6A (3) AS REL
Analysis of the status and roles of women as compared to men in the Judeo-Christian tradition. Contemporary issues of feminism, theology, and the controversies surrounding them.

REL 3146 Womanist Vision in Religion MW (3) AS REL
This course examines the works of Black Womanist writers in religion for their contributions to and insights into the phenomena of religion in America and the world.

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 3191 Life After Death MW (4) AS REL
An exploration of ideas about life after death and its relations to this life in Judaism, Christianity, Islam, Hinduism, and Buddhism.

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 major 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 (4) 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 Quaran and related traditions, and as Judaism the authoritative statements of the Torah, oral and written.

REL 3308 World Religions 6A HP SS (3) AS REL
World Religions gives students an overview of the major religions of the world from their formative periods up to modernity. Special attention is given to myths, rituals, history, beliefs, leaders and other info relevant to understanding the religions.

REL 3318 Introduction to Chinese Religion AF HS SS (3) AS REL
The course is for majors and nonmajors, 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 3330 Religions of South Asia AF (3) AS REL
All religions of the world came to India and all became Indian. What is this ‘Indianness’ which stems from Hinduism, Buddhism, Jainism and Sikhism, but extended itself to include Judaism, Christianity, Islam, Zoroastrianism and Baha’i. Readings from classical texts and modern literature.

REL 3363 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 13th century, with emphasis on the 19th and 20th century Islamic resurgence. Issues of diversity, gender, and social values will be stressed.

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 Afro-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 3391 In Search of the Goddess AF HP SS (3) AS REL
This course explores Goddess religion/sacred Feminine, from prehistory, to the pagan Near East and Mediterranean, Western monotheistic religions, pluralistic religions of the East, and revivals of Goddess spirituality in contemporary Europe/N. America.

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, Dorothy 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 life.

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 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 3607 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 3611 History of Judaism (4) 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 3801 History of Writing (2) AS REL
Study, in reasonable detail, of the history and evolution of writing within its societal context. We will stress the development of writing in Mesopotamia, Egypt, and the Mediterranean World, looking at the transition from oral to written literature and its impact on religion.

REL 3900 Directed Readings (1-4) AS REL
PR: Cr. 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 6A 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 religious movement that has influenced our modern world. The course will look at the 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
on the ways in which the religions have drawn upon and
transformed traditional religious stories and spiritual 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 4217 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.

REL 4218 Women and the Bible 6A HP AF MW LW (3) AS REL
How the redactors 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 text.

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 4250 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 in the Acts, and to ascertain possible theological
development of Paul and the "Pauline wing" of Christianity.

REL 4333 Hinduism (4) AS REL
The philosophy of the saints; the complex rituals of the Brahmins;
the art of their 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,
philosophical systems and medieval poems.

REL 4343 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's Edict; 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 to their ancient cultures.

REL 4626 Reason in Religion: Talmudic Logic (3) AS REL
Analyze the modes of logic and 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 4911 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
Studies majors and minors, whose prior religious studies have
prepared them for a cooperative creative and/or research effort
in the area of religion.

REL 4936 Selected Topics (1-4) AS REL
PR: Junior standing. Individual investigations with faculty
supervision.

REL 4937 Selected Topics: Fall Honors Seminar (3) AS REL
PR: Acceptance into the Religious Studies Honors Program. The
course content will depend upon student demand and instructor's
interest.

REL 4938 Selected Topics: Spring Honors Seminar (2) AS REL
PR: Acceptance into the Religious Studies Honors Program. The
course content will depend upon student demand and instructor's
interest.

REL 4939 The Development of Religious Studies (4) AS REL
Course designed for senior majors and minors in religious
studies. Discussion of key figures and methodological advances
in the development of the field from the 18th century to present,
with readings of classics in the development.

RMI 3011 Principles of Insurance (3) BA FIN
Analysis of insurable risks of both businesses and individuals.
An examination of the characteristics of those areas of risk and
uncertainty where the mechanisms of insurance are effective
alternatives. The concept, contracts, and institutions involved in
insurance are examined in relation to the socio-economic
environment.

RMI 4115 Life, Health, And Disability Insurance (3) BA FIN
PR: RMI 3011. The course will analyze the use of life,
health, and disability insurance contracts as a method of dealing
with the financial risks of death, sickness, and disability. It will
include an analysis of cost determination of the various types of
coverage.

RMI 4210 Property Insurance (3) BA FIN
PR: RMI 3011. Course dealing with recognition of personal and
business property risks, and coverage that can be used in dealing
with these risks. Topics include an analysis of the underwriting,
mortgage, marketing, and social problems associated with these
coverages. Topics include commercial and residential fire insurance,
marine and transportation coverages, and multi-peril contracts. Not limited
to Finance majors.

RMI 4220 Casualty Insurance (3) BA FIN
PR: RMI 3011. Course dealing with recognition of personal and
business casualty risks and coverages that can be used in dealing
with these risks. Consider the underwriting, marketing,
and social problems associated with these coverages. Topics
include workmen's compensation, public liability, auto liability,
suretyship, and crime insurance. Not limited to Finance majors.

RTV 3001 Writing For Radio and TV (3) AS COM
PR: CRW 2100 or ENC 3310 and RTV 3001. The art and practice
of script planning and writing for radio and television and for
corporate video.

RTV 3001 Introduction to Telecommunications (3) AS COM
PR: MMC 2100 and MMC 3602. A survey of the organization,
structure, and function of the broadcasting industry.

RTV 3301 Broadcast News (4) AS COM
PR: MMC 2100 and MMC 3602. Methods in gathering, writing,
and editing newscasts for radio and television.

RTV 3941 Radio Practicum (1) AS COM
PR: RTV 3001 and CI. For telecommunications 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.
RUS 4905 Directed Study (1-3) AS WLE
RUS 4900 Selected Topics (1-3) AS WLE
RUS 4403 Advanced Russian Conversation & Composition II (4)
RUS 3500 Russian Civilization
RUS 3240 Conversation I (4) AS WLE
RUS 2270 Overseas Study (1-6) AS WLE
RUS 2221 Russian IV (4) AS WLE
RUS 1120L Beginning Russian I Laboratory (1) AS WLE
RUS 2220 Russian III (4) AS WLE
RUT 3110 Russian Classics in English 6A MW LW (3) AS WLE
RUT 3111 Twentieth-Century Russian Literature in English 6A MW LW (3) AS WLE
SCE 4236 Science, Technology, Society Interaction 6A MW (4) ED EDN
SCE 4305 Communication Skills in the Science Classroom (3) ED EDN
SCE 5937 Selected Topics in Science Education (1-4) ED EDN
SLS 1101 The University Experience (2) US DEA
SLS 2260 Leadership Fundamentals (3) US STL
SLS 3930 Selected Topics in Student Leadership (1-4) US STL
SLS 3948 Community Leadership Practicum (3) US STL
SLS 4201 Career Development Process (2) US DEA
SLS 4271 Organizational Theories and Processes (3) US STL
SOP 4714C Environmental 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 an individual's behavior as it is affected by others. Topics covered include crowding, privacy, territorial behavior, environmental design, and pollution effects. Designed for both psychology majors and non-majors.

SOW 3101 Human Behavior and the Social Environment I (4) AS SOK
PR: All provisional major courses. Restricted to full Social Work majors; others by School permission. An introductory course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with individuals, families, and communities.

SOW 3102 Human Behavior And The Social Environment II (4) AS SOK
PR: SOW 3101, SOW 4522, SOW 4341. Restricted to full Social Work majors; others by School permission. An integrating human behavior-society-environment course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with individuals, families, organizations and communities.

SOW 3203 Introduction to Social Work (3) AS SOK
An introductory course tracing the development of social work as a profession including an examination of the knowledge, skill, and attitudinal base of the profession and professional roles and functions.

SOW 3210 The American Social Welfare System SS (3) AS SOK
A general education introductory course which provides students with a framework for understanding the historical development of American social welfare, its value base, and its response to minorities, women, children, the elderly, and the disabled.

SOW 3401 Research and Statistics For Social Work (4) AS SOK
PR: All provisional major courses. Restricted to full Social Work majors; others by School permission. The purpose of this course is two-fold: to familiarize the student with research as it is practiced in the profession of Social Work; and to equip the student with those theoretical understandings necessary to be a critical consumer of social work research.

SOP 4272 Survey of Leadership Readings (3) US STL
PR: SLS 2260. Survey of historical and contemporary writings on leadership skills and practices. Examines the contextual manner in which the leader functions.

SOP 4273 Theories of Leadership HP (3) US STL
PR: SLS 2260. PR: SLS 4272. Focuses on historical and modern views of leadership. It is designed to assist students analyzing and understanding the historical, social, political aspects of leadership theories and styles as well as the application of leadership theories in settings.

SLS 4274 Ethics and Power in Leadership (3) US STL
PR: SLS 2260, SLS 4272. Course reviews arguments for ethics in leadership as proposed by both contemporary and ancient authorities. It also examines theories of power and authority, and seeks answers to the apparent dilemmas through applied moral theory and psychology.

SLS 4276 Images of Leadership HP and Film (3) US STL
PR: SLS 2260, PR: SLS 4272. This course examines the historical development of leadership theory through contemporary times. Surveys literature and other media relevant to role of the leader and to the development and application of leadership skills.

SOP 3742 Psychology of Women SS (3) AS WST
An examination of theories of female personality in historical perspective. Current research on sex differences, socialization, sexuality, pathology of reproduction. Emphasis on role of women as related to social change and developmental tasks of the life cycle.

SOP 3851 Social 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 an individual’s behavior as it is affected by others. Topics covered include social influence, group behavior, cognition, and social perception.

SOP 4330 Social Psychology of HIV/AIDS (3) AS PSY
PR: PSY 2012, PSY 3017. PSY 3213. Study of social psychology and research while working at an AIDS service organization. They use the research as a framework for understanding, and developing solutions to, problems confronting the organization's staff and clients.
SPA 3030 Introduction to Hearing Science (3) AS CSD  
PR: Junior standing, SPA 3101, SPA 3112, SPA 3310. Introduction to the field of hearing including: physics of sound, auditory anatomy and physiology, and psychophysics of hearing.

SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism (3) AS CSD  
PR: Junior standing. The neurological and anatomical basis of communication disorders. Comparisons of normal and pathological organic structures and their functional dynamics.

SPA 3112 Applied Phonetics in Communication Disorders (3) AS CSD  
PR: Junior standing. Introduction to phonetic analysis of normal and disordered speech, including extensive training in transcription and the International Phonetic Alphabet.

SPA 3310 Introduction to Disorders of Hearing (3) AS CSD  
PR: SPA 3030 and SPA 3101. The etiology, pathology, and management of disorders of the outer ear, middle ear, inner ear, retrocochlear, and central auditory systems.

SPA 3612C Basic American Sign Language (4) AS CSD  
PR: DPR. Introduction to American Sign Language (ASL) used in the deaf community. General discussion of ASL structure and introduction to various manual communication systems and philosophies. Emphasis on building a basic vocabulary. One hour of laboratory course work is included. Open to all majors.

SPA 3633 American Deaf Culture (3) AS CSD  
PR: SPA 4614C. An overview to American Deaf Culture, including its norms, values and belief systems. This course will also provide insight to deaf history in North America, and the importance of ASL to the culturally Deaf community.

SPA 3650 Fundamentals of Interpreting (3) AS CSD  
PR: SPA 4615C. An overview of the profession of interpreting, its standards and settings is provided. It provides a basic practical experience component of interpreting and interpreting skills.

SPA 3653 Overview of Language Learning in Deaf Children (3) AS CSD  
PR: Admission to ITT Program. CR: SPA 3653L. This course is restricted to majors only. Overview of language development of deaf children and how they adapt through new and restructured, including various theories of language development in the deaf and communication/language of the deaf assessment techniques, and interpreting skills relating to learning processes.

SPA 3653L Overview of Language Learning in Deaf Children Lab (1) AS CSD  
PR: Admission to ITT Program. CR: SPA 3653. This course is restricted to majors only. An exploration and overview of communication modes and language used in public school settings by deaf children. Includes a study of how systems overlap and a development of flexibility in using different modes of languages, and the implications for interpreters.

SPA 3664 Language and Cognitive Processing Skills in English (4) AS CSD  
PR: SPA 4615C; CR: SPA 3665. Students develop the cognitive processing and language skills within English that are prerequisites for interpretation. It will develop student’s ability to segment information to perform various cognitive tasks intralingually. For Majors only.

SPA 3665 Language and Cognitive Skills in ASL (4) AS CSD  
PR: SPA 4615C; CR: SPA 3664. Students acquire cognitive processing and language development within ASL that are preliminary steps for performing simultaneous interpretation. This course also includes a service component by volunteering in various deaf communities. For majors only.

SPA 3666 Translation from English and from ASL (3) AS CSD  
PR: SPA 3664, SPA 3665. A course of intralingual language exercises that introduces students to and provides practice in techniques of rephrasing and restructuring meaning in ASL and in English. For majors only.

SPA 3673 Introduction to Auditory Functions (3) AS CSD  
PR: Admission to ITT Program. This course is restricted to majors. An overview of hearing science and speech science relating to the educational environment. This course orient the student to the variables extent in oral-aural communication among children who have hearing impairments. It addresses techniques and methods of hearing measurement and amplification of sound as well as the interpreter’s role in audiological evaluation and speech language therapy.

SPA 4000 Communication Disorders in the Public Schools (3) AS CSD  
PR: DPR. (Non-major course only). An examination of the speech, language and hearing problems affecting school-age children and the classroom teacher’s role in the detection, prevention and amelioration of communication disorders.

SPA 4050 Introduction to the Clinical Process MW (3) AS CSD  
PR: SPA 3004 and SPA 3310. Observation and participation in speech-language pathology and audiology practicum in the University clinical laboratory. Ethical issues, multicultural concerns, and creativity are stressed through clinical and practical projects.

SPA 4201 Phonological Development and Disorders (3) AS CSD  
PR: SPA 3004, SPA 3011. An examination of normal and deviant articulatory and phonological acquisition and behavior. Presentation of major theoretical orientations and the therapeutic principles based upon them.

SPA 4210 Vocal Disorders (3) AS CSD  
PR: SPA 3011 and SPA 3310. A comprehensive study of the physiological and pathological aspects of voice disorders. 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 studied. Major theories and models of the development and etiology 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 gestures. The student will have the opportunity to practice one of the sign systems.

SPA 4555 Counseling of Communicatively Handicapped and Family (3) AS CSD  
PR: SPA 3611 and SPA 3310. Discussion of role in 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, DPR. A continuation of the basic course which expands the students' 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 course 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 an integral part of ASL. An hour of laboratory course 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 level. It provides added emphasis on skill development of the language, including storytelling and poetry. One-hour laboratory work course is included.

SPA 4617C Structure of Sign Language (4) AS CSD  
PR: SPA 3612C, DPR. 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 4624 Sign Language Codes (3) AS CSD  
PR: CI. A review of the sign systems (SEE I, SEE II, LOVE, 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 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 4654 ASL to English Consecutive Interpretation (2) AS CSD  
PR: SPA 3650, SPA 4655. Students consecutively interpret conversational discourse of planned and unplanned conversational language samples from ASL to English with delays of a few seconds after the source utterance is finished. For majors only.

SPA 4655 English to ASL Consecutive Interpretation (2) AS CSD  
PR: SPA 3650, SPA 3666; CR: SPA 4654. Students consecutively interpret conversational discourse from English to ASL with delays from conversational language samples of various lengths.
SPA 4656 Simultaneous Interpretation Monologic (4) AS CSD
PR: SPA 3650, SPA 3666. Students simultaneously interpret monologic talk from ASL and from English with target language beginning before the conclusion of the source utterance and continuing as the student listens to the continuing source utterance. For majors only.

SPA 4658 Simultaneous Interpretation Dialogic (4) AS CSD
PR: SPA 4656. Students interpret dialogues from ASL to English and from English to ASL with the target language production beginning before the conclusion of the source utterance and continuing as the student listens to the continuing source utterance. For majors only.

SPA 4685 Practicum: 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 4691 Senior Seminar in Interpreter Training (3) AS CSD
PR: SPA 4656. Students expand upon previously learned topics and discuss factors that will affect their profession. Topics include: professional organization, certification, ethics and discuss best practices and will produce a professional portfolio. For majors only.

SPA 4906 Independent Study (1-10) AS CSD
Indep. Study. This course is restricted to ITT majors. The student will work independently under the supervision of a Faculty member in the pursuit of content gained independently. The course is repeatable for a total of 10 credits. Majors only.

SPA 4910 Directed Research (1-10) AS CSD
Directed Research will allow the student to obtain supervised research experience under the direction of a Faculty member. The course is repeatable for a total of 10 credits. Majors only.

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 4962 Undergraduate Comprehensive Examination (1) AS CSD
PR: SPA 4656. This purpose of this course is to ensure that graduates from ITT are thoroughly prepared for entry into the job market. For majors only and repeatable if necessary. It consists of 2 parts: individual meetings with an advisor and a comprehensive exam.

SPA 4970 Honors Thesis (1-10) AS CSD
The student, under the supervision of a Faculty member will formalize, conduct, analyze and report in writing a research project in the Department of Communication Sciences and Disorders. The course is repeatable for a total of 10 credits. Majors only.

SPA 5100 Psycholinguistics (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 5100 Auditory Anatomy and Physiology (3) AS CSD
Provide a comprehensive understanding of the physiological acoustics of the auditory periphery, neuroanatomy and electrophysiology of the central auditory system, and psycholinguistic principles as they relate to clinical audiological and psychoacoustic applications.
SPC 3710 Communication and Cultural Diversity (3) AS SPE
Examination of communication and cultural diversity within the United States. Cultural groups include gender, racial and ethnic (e.g., African American, Latino American, Asian American), social class, age and generation, religious (e.g., Jewish) and physical ability.

SPC 4201 Oral Tradition (MW) (3) AS SPE
Study of orally, its forms, functions, and transformations, in traditional and literate societies from folkloric and psychological traditions and from contemporary communication and cultural studies perspectives.

SPC 4305 Communicating Emotions (6A) (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Study of emotional experience, what emotions mean to us, how we talk about them, and the ways group and cultural membership influence them. Focus on attachment and loss in romantic, family and group relationships.

SPC 4310 Relationships on Film (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Examination of the ways in which cinema inscribes conceptions and meanings of romance, love, intimacy and sexuality. Focus on systems of interpretation fostered by cinema representations of intimacy, sexuality, emotional, subjectivity, and betrayal.

SPC 4431 Family Communication (3) AS SPE
PR: SPC 3301 or COM 2000 with a C or above or CI. Examines the processes and functions of communication in family relationships. Examination of scholarly and popular literature on family structure, family systems, family development, and family stories. Analysis of families in fiction and cinema.

SPC 4632 Rhetoric and Social Change (6A MW) (3) AS SPE
PR: SPC 3230 or SPC 3681. This course examines how social change is symbolized and motivated in the rhetorics of institutions, campaigns, social movements and individuals.

SPC 4683 Rhetorical Analysis of Mass Media (3) AS SPE
PR: SPC 3230 or SPC 3683. SPC 2600 and COM 2000 each with a C or above or CI. An introduction to the criticism of media forms and effects. Contemporary perspectives of the aesthetic and persuasive dimensions of mass media are examined. Students will engage in critical study of media artifacts.

SPC 4714 Communication, Culture and Community (3) AS SPE
Examines the relationships among culture, communication, institutions, and public and private life. Students explore the possibilities and problems of contemporary forms of community through service in a volunteer organization.

SPC 4900 Directed Readings (1-3) AS SPE
PR: Senior standing, COM 2000, a minimum GPA of 2.5, 15 hours of core requirements and 9 elective hours completed, and/or CI. Individualized reading with professor to complement undergraduate research projects.

SPC 4903 Honors Readings (3) AS SPE
PR: Admission to Communication Honors Program. COM 2000 AND SPC 2600 with grades of C or above. Focused readings directed toward preparation of a proposal for an undergraduate honors thesis.

SPC 4905 Undergraduate Research (1-3) AS SPE
PR: Senior standing, COM 2000, a minimum GPA of 2.5, 15 hours of core requirements and 9 elective hours completed, and/or CI. Individual investigations with faculty supervision.

SPC 4930 Selected Topics (1-3) AS SPE
PR: Senior standing, minimum GPA 2.5, 15 hours of core requirements and 9 elective hours completed, and CI. Variable topics.

SPC 4932 Senior Seminar in Communication (3) AS SPE
PR: Senior standing, COM 2000, a minimum GPA of 2.5, 15 hours of core requirements and 9 elective hours completed, and/or CI. Exploration of selected topics of current significance to the several areas of communication through group discussion and research.

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 Discourse (3) AS SPE
Variable topics course.

SPN 3300 Advanced Spanish Grammar and Composition (3) AS WLE
PR: SPC 2201 or equivalent. May NOT be taken concurrently with SPC 2201. Open to native or near-native speakers of Spanish. 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 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. Course for native and near-native speakers of Spanish. Course for native and near-native speakers of Spanish due to home environment and/or residence in a Spanish speaking country, but with 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: SPC 2240 or equivalent. A study of business 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: SPC 3440 or equivalent. Open to Spanish and Business majors and minors. Continuation of SPN 3440. A study of business 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: SPC 2201 or equivalent. The culture and civilization of Spain. For majors and non-majors.
SPN 3520 Spanish American Civilization (3) AS WLE
PR: SPN 3520 or equivalent. Study of the culture and civilization of Spanish America. For majors and non-majors.

SPW 4330 Expository Writing (3) AS WLE
PR: SPN 3300 or SPN 3340. Practical training in contemporary Spanish structure, usage and stylistic devices.

SPW 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.

SPW 4470 Advanced Overseas Study (1-6) AS WLE

SPN 4700 Spanish Linguistics (3) AS WLE
PR: LIN 3010 or equivalent (may be taken concurrently with CI) and SPN 2201 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 Spanish American 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 3500 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.

SPT 3520 Spanish American Civilization (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: SPN 3030 or equivalent. A study of Spanish literature from its origins to the 17th century.

SPW 4101 Survey of Spanish Literature II (3) AS WLE
PR: SPN 3030 or equivalent. A study of the later periods of Spanish literature.

SPW 4130 Survey of Spanish American Literature I AF (3) AS WLE
PR: SPN 3030 or equivalent. Introduction to the study of Spanish American literature from the Discovery to the Romantic period. Emphasis will be on foundational writers of history, descriptive and lyric poetry, theater, fiction and essay.

SPW 4131 Survey of Spanish-American Literature II (3) AS WLE
PR: SPN 3030 or equivalent. An introduction to the study of Spanish-American literature from the modernism period to the present. Emphasis on modern writers since Dano.

SPW 4900 Directed Study (1-3) AS WLE
Departmental approval required.

SPW 4930 Selected Topics (1-3) AS WLE
PR: SPN 4860 or SPN 4915. 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: SPN 4131. Major writers of all genres. Emphasis on modern writers.

SPN 5387 Spanish American Prose (3) AS WLE
PR: SPW 4131. Emphasis on the gaucho theme and contemporary prose fiction.

SPW 5388 Golden Age Poetry and Drama (3) AS WLE
PR: SPW 4100. Lope de Vega, Alarcón, Tirso, Calderon, and others.

SPW 5405 Medieval Literature (3) AS WLE
PR: SPW 4100 or equivalent. Course gives an in-depth study of principal works and authors of the period 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 (K-6) Social Studies (3) ED EDE
PR: Admission to College of Education. This course is designed to study techniques and strategies employed by K-6 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.

SSE 4333 Teaching Middle Grades Social Science (3) ED EDW
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 course outcomes. Theoretical foundations of social studies are also studied. Fieldwork is required.

SSE 4334 Teaching Secondary Grades Social Science (3) ED EDW
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 4355 Teaching Social Science Themes (3) ED EDI
PR: SSE 4333 for Undergraduate Students; SSE 5331 for Graduate Students; SSE Majors only. The course is a laboratory-based, capstone course in which knowledge, skills, and dispositions are demonstrated by students teaching social studies content using the thematic approach to teaching adopted by the National and State accrediting bodies.

SSE 4380 Global And Multicultural Perspectives in Education AF (3) ED EDW
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 EDW
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 MW
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 the teaching of economic principles.

SSE 4936 Senior Seminar in Social Science Education (2) ED EDW
PR: Senior standing; CR: SSE 4940. Synthesis of teacher candidate's courses and preparation for the professional interview and application process.

SSE 4940 Internship: Social Science Education (1-12) ED EDI CR: SSE 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 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 5641 Reading and Basic Skills in the Content Area (3) ED EDE
Reading skills and the other basic skills as applied to the social studies are examined. Students are expected to plan and
present instructional plan(s) appropriate to the social studies classroom demonstrating content of the course content. Fieldwork in a middle school is required.

**SSE 5644 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 currently operating 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 OM (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 OM (4) 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. 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 OM (3) AS ISS**
Descriptive and inferential statistics - through ANOVA, correlation-regression, chi-square and non-parametrics. 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 Essentials of Statistics 6A (3) AS MTH**

**STA 4442 Introduction to Probability 6A (3) AS MTH**
PR: MAG 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.

**STA 5446 Probability Theory I (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 sequences of independent random variables.

**STA 5526 Non-Parametric Statistics (3) AS MTH**
PR: STA 5326 or CC. Theory and methods of non-parametric statistics, order statistics, tolerance regions, and their applications.

**SUR 2310C Engineering Land Surveying (3) EN ENG**
Principles of land surveying for engineering practice. Traverses, levels, boundary surveys, route surveys, coordinate geometry, and mapping.

**SYA 3110 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 3120 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 structures.

**SYA 3309 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 and minors.

**SYA 3310 Qualitative Inquiry 6A LW (4) AS SOC**
PR: SYG 2000 or CI. DPR. Exploration of human relationships and behaviors, organizations, and the larger culture through research techniques such as interviews, participant observation, life histories, and narratives.

**SYA 4304 Sociological Research Experience (1-3) AS SOC**
PR: SYG 2000 and class standing of sophomore, junior or senior. A flexible-unit course for advanced undergraduate students interested in participating in an ongoing faculty research project. Students will complete selected research tasks (background research, data collection and data analysis) with faculty supervision.

**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 student's interest in the project. A contract between the student and the sponsoring faculty member must be signed before class registration.

**SYA 4930 Topics in Sociology (3) AS SOC**
PR: Admission to College of Education or DPR. Provides teachers (K-12) with content related to the operation of businesses in the Tampa Bay area. Focus of the instruction is on the classroom demonstrating command of the course content.

**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 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**
Comparative study of interracial 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. Analysis of community change.

**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**
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 2001 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 3011 Social Problems Through Film (3) AS SOC
PR: SYG 2000 or SYG 2010. Examines social problems through films, how sociologists define and study social problems, and investigates the role of the popular media in the construction of social problems. Explores the solutions aimed at social problems in a cross-cultural perspective.

SYG 3235 Latina Lives 6A AF LW (3) AS SOC
PR: SYG 2000 or SYG 2010. An exploration of the meanings of Latinas in the contemporary United States. Uncover and examine such characteristics as oppression, race, class, and ethnicity.

SYO 3120 Sociology of Families (3) AS SOC
With a goal to understand American families in the present, this course will examine 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 families.

SYO 3200 Sociology of Religion (3) AS SOC
PR: SYG 2000 or CI. An examination of the meanings of religion lived in everyday life 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, and use and impact of religious discourse in daily lives, social movements motivated by religious beliefs.

SYO 3500 Social Organization (3) AS SOC
PR: SYG 2000 or CI. Social organization in the broadest sense, including institutions and associations, as well as variations in roles and status.

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 governmental, political, 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 impact of illness on communities, social mobility, and the hospital as an organization, the cost, financing, and politics of health care.

SYO 4470 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.

SYO 5365 Industrial Sociology (3) AS SOC
PR: SYG 2000 or CI. The exploration of how individuals develop identity and self-worth.

SYO 5360 Sociology of Sexualities (3) AS SOC
Explores the interactions, among and between people, and people and institutions that form the boundaries through which sexualities are understood in the United States. Addresses interactions with and within medical and religious institutions, race/ethnic cultures, families and popular culture.

SYP 3304 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 forming social policy and how public images of social problems shape the characteristics of social service agencies.

SYP 3582 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 helping-seekers, and social interventions for offenders and victims. Open to nonmajors.

SYP 4012 Emotions in Society (3) AS SOC
PR: SYG 2000 or SYG 2010. Examines the theories, concepts, and larger social contexts of emotions, and investigates sociological research on feelings such as anger and fear; pride and shame; love, friendship and sympathy; sadness and depression; grief and blame.

SYP 4111 Identity and Community (3) AS SOC
This course is a sociological examination of the meanings of identity in the post-modern era. Topics will include the characteristics of identity at the levels of individuals, institutions, culture, and the processes of identity construction and change.

SYP 4420 Consumer Culture 6A MW LW (3) AS SOC
PR: SYG 2000 or CI. The exploration of how Americans’ purchasing behavior connects to larger historical shifts in our economy, including disenchanted, alienation, inequality, and the rise of the credit card society.

SYP 4510 Sociological Aspects of Deviance (3) AS SOC
PR: SYG 2000 or CI. The study of deviance and deviant action and the processes of deviant behavior. Focus on the process of forming social policy and how public images of social problems shape the characteristics of social service agencies.

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.

SYP 4550 Drugs and Society (3) AS SOC
PR: SYG 2000 or SYG 2010. Explores the social construction of substance use in the United States. Examines individual users and the popular perspectives on the causes of substance use and abuse such as the medical, psychoanalytic, and sociological models.

SYP 4640 Leisure in Society (3) AS SOC
Sociological examination of leisure in the United States and other countries. Topics include changing leisure time patterns, relationships between leisure and work, personality, family, community, subcultures, religion, and social class.

SYP 4650 Sport in Society (3) AS SOC
An examination of the broad issues concerning sport in both a historical and contemporary perspective. Sport will be viewed in relation to social education, economic considerations, mass media, and the sport group as a micro-social system.

TAX 4001 Concepts of Federal Income Taxation (3) BA ACC
PR: ACG 2021 and ACG 3341 with a grade of "C" or better (not C-). Tax issues encountered in small businesses. Includes tax planning, capital formation and preservation, tax compliance and tax alternatives.

THE 3110 Theatre History I MW (3) VP TAR
PR: Sophomore standing. Explores the historical context of theatre in contemporary society. Restricted to non-theatre majors.

THE 3110 Theatre History I MW (3) VP TAR
PR: Sophomore standing. Explores the historical context of theatre in contemporary society. Restricted to non-theatre majors.

THE 3110 Theatre History II MW (3) VP TAR
PR: Sophomore standing. 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
PR: THE 2305 and Junior Standing. A study of contemporary theatrical practice and key dramatic texts in the British Isles. This course is restricted to majors.

THE 4180 Theatre Origins 6A MW LW (3) VP TAR

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 and furniture from ancient Egypt to the 20th Century. (A requirement in the design track/ scenic.)

THE 4320 Theatre of Myths and Ritual/Northern European (950-1600) 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 2305. A close study of special emphasis on their performance values. Web-based version open to non-majors with CI; campus based version restricted to majors.

THE 4350 The 19th Century Theatre Revolution 6A LW (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 art.

THE 4401 American Drama 6A MW LW (3) VP TAR
PR: THE 2305 and Junior Standing. A course in the function of the script for the theatre artist treating materials in the American Theatre. This class is restricted to majors only.

THE 4434 Caribbean Theatre 6A MW LW (3) VP TAR
PR: THE 2305. CR: 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 investigate 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 Caribbean. E-credit is offered only for enrolled in the E-learning/Mode I only.

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. This course provides an opportunity to develop skills and techniques in the visual arts and non-majors. Theatre majors given preference. A studio course.

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, Restoration and French Neoclassic of the 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 comedies in function in scripts from Greek and Roman, Restoration and French Neoclassic of the late 17th century and other plays from the late 18th and late 19th centuries which reflect similar characteristics.

THE 4562 Contemporary Performance Theory 6A MW LW (3) VP TAR

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 4595 Honors Thesis (1-3) VP TAR
PR: THE 4594. A practical or written thesis related to the seminar and practicum and approved by the department honors committee.

THE 4761 Methods of Teaching Theatre for Adolescents (3) VP EDC
PR: CI. A practical course in teaching drama and theatre instruction in middle school, junior and high schools, recreation centers, community, and professional theatres.

THE 4805 Directed Studies (1-4) VP TAR
PR: CI. Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.

THE 4905 Directed Studies (1-3) 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. Open to non-majors with 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: 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 2200 and TPA 2290L. 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 2290L Technical Theatre Lab I (1) VP TAR
CR: TPA 2200 or CI. A practical laboratory involving the pre-performance preparation of all technical aspects of major production such as: painting, sewing, lighting, and sound. Students are assigned 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 major production such as: painting, sewing, lighting, and sound. Students are assigned 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 3007 Introduction to Design II (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 3008 Introduction to Design II (3) VP TAR
PR: TPA 3007. 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. Open to non-majors.

TPA 3208 Drafting and CAD I (3) VP TAR
PR: TPA 2200, TPA 2290L, TPA 2291L 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 presentation of 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, multiple channel recording, editing, reproduction and reinforcement. Methods and techniques used in theatre to create sound effects.

TPA 3840 Puppetry Performance And Production (4) 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. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPP 4310 Directing I (3) VP TAR
PR: TPP 3155 or TPP 3230. An elective sequence in directing.

TPP 3921 Acting Studio II (8) VP TAR
PR: Audition and TPP 3155 or TPP 3921. An acting workshop focusing on application of character development and rehearsal 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 4140 Styles Of Acting (3) VP TAR
PR: TPP 4180 and/or competition. Examination of the actor's craft and skills needed to fulfill the demands of classical theatre forms.

TPP 4180 Advanced Scene Study (3) VP TAR
PR: TPP 3155 or TPP 3921. An acting workshop focusing on application of character development and rehearsal techniques over a sustained period leading toward a project showing at semester's end.

TPP 4190 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. All production students 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 3230. An elective sequence in directing. A workshop course in which the student first encounters 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 4311 Directing II (3) VP TAR
PR: TPP 4310 and CI. An elective sequence in directing. A workshop course in which the student first encounters the basic tactics 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 and CI. 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 3970, 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 4374 Methodology of Teaching English Overseas (3) AS WLE
PR: Upper-level standing. Designed to introduce and prepare the enrollee in the various facets of teaching English as a foreign language in the overseas setting. It will include aspects of teaching verbal skills and comprehension as well as writing. It involves a practicum at the English Language Institute on campus.

TSL 5321 ESOL Strategies for Content Area Teachers (3) AS WLE
Course designed for public school teachers working with limited English Proficiency (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
Analysis of the methods of teaching English pronunciation and structure to speakers of other languages.

TSL 5372 ESOL Curriculum and Instruction (3) AS WLE
Analysis of the methods of teaching English pronunciation and structure to speakers of other languages.

TSL 5471 Language Testing (3) AS WLE
PR: TSL 5371. Lecture course on testing English as a second foreign language.

TSL 5525 Cross-Cultural Issues in ESL (3) AS WLE
PR: LIN 5700. Lecture course on critical issues in Teaching English as a Second/Foreign Language.

TTE 4004 Transportation Engineering I (3) EN EGX
PR: EGN 3321. Principles of surface transportation system development, design, and operations; administration, modal characteristics, capacities, and functional classifications; vehicle kinematics, human factors and minimum design standards; traffic flow theory and queuing, capacity and signalization; transportation planning and economics.

TTE 4006 Transportation Engineering II (3) EN EGX
PR: TTE 4004. Techniques for the geometric route design of surface transportation systems; horizontal and vertical alignments. Spiral curves, superelevations 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 alternate modes 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 collection, parking studies, volume and speed studies, freeway management, and advanced technologies.

TTE 5501 Transportation Planning and Economics (3) EN EGX
PR: College Algebra & CI. Fundamentals of urban transportation planning; trip generation, trip distribution, modal split, traffic assignment, introduction to environmental issues, 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 2400, GEO 3602. The geographic foundations of the modern city, delivery of urban services, and the trend toward megalopolis. Examined are the political problems of conflicting jurisdictions at the local, county, state, national, and international levels.

URP 3002 Introduction to Urban Studies (3) AS ISS
An interdisciplinary introduction to the process of urbanization in the United States and the diverse communities it has created. Study of the Tampa Bay region is emphasized.

VIC 3001 Introduction to Visual Communications (3) AS COM
PR: MCC 2100 and Who. 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 option 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.

WOH 3293 Islam in World History AP HP (4) AS HTY
This course examines the origins, spread, and development of Islam within the context of the main global historical processes and events of the past 1500 years.

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 sexual behavior of all humans: 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 3016 Women's Introduction to Women's Studies (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 primarily 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 effecting environmental change; and analyze concepts related to ecofeminism.

WST 3227 Issues in Feminist Theory SS (3) AS WST
Survey of major issues relevant to the female experience: marriage and the family, sexuality, work, creativity.

WST 3370 Women and Social Action SS (3) AS WST
Course focuses on ordinary women working collectively in diverse social settings to empower themselves and others to challenge gender stereotypes; to reduce harassment, poverty, violence and homelessness; to enhance health-care and family life and to confront barriers in education, the media and the criminal justice system.

WST 4262 Literature by Women of Color in the Diaspora 6A LW (3) AS WST
Will not be counted toward the English major. An introduction to contemporary women writers of color in the U.S.: Native Americans, African Americans, Asian Americans, and Chicanas/ U.S. Latinas. Readings will include literature and contextual artifacts.”

WST 4310 History of Feminism in the U.S. 6A MW (3) AS WST
A study of feminist critiques of American women’s experiences and status, and their implications for women’s lives, by 19th- and 20th-century theorists and now 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 formulation of policy and the trend toward women's health care for women, and their development, a feminist perspective, with a special emphasis on ways in which we can inform and help ourselves.
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 2710C Anatomy of Chordates** (4) AS BIO
PR: BSC 2100, BSC 2100L, BSC 2111, BSC 2111L. Anatomy of selected vertebrate types emphasizing evolutionary trends. Lec.-lab.

**ZOO 3205C Advanced Invertebrate Zoology** (4) AS BIO
PR: BSC 2100, BSC 2100L, BSC 2111, BSC 2111L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course, or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712. An introduction to the major invertebrate groups, with emphasis on local forms. Fieldwork required. Lecture and Laboratory.

**ZOO 3713C Comparative Vertebrate Anatomy** (4) AS BIO
PR: BSC 2100, BSC 2100L, BSC 2111, BSC 2111L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course, or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712. Anatomy of selected vertebrate types emphasizing evolutionary trends. Lecture and Laboratory.

**ZOO 4233 Parasitology** (4) AS BIO
PR: BSC 2111, BSC 2111L and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHM 2211. Fundamentals of animal parasitology and parasitism, the biology of selected animal parasites, including those of major importance to man. Lecture and laboratory.

**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 4513 Animal Behavior** (3) AS BIO
PR: PCB 3023 or PCB 3043 or PCB 3063 & CHM 2210 & MAC 1105 or higher-level MAC course or STA 2023. CP: CHM 2211. An introduction to comparative animal behavior, with analysis of types of animal behavior, their function and evolutionary origin. Lecture only.

**ZOO 4603C Animal Embryology** (4) AS BIO
PR: PCB 3023 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: CHM 2211. Structural and functional events involved in differentiation and morphogenesis. Lecture.

**ZOO 4753C Histology** (4) AS BIO
PR: PCB 3023, PCB 3063 & CHM 2210 & MAC 1105 or higher-level MAC course or STA 2023. CP: CHM 2211. Comparative approach to the study of tissues and the relation of their structure and function. Lecture and Laboratory.

**ZOO 5458 Ichthyology** (3) AS BIO
PR: Senior or GS in Biology. ZOO 2701C, CSCI 4674 is suggested. Evolution, systematics, structure, behavior, physiology, and ecology of fishes.

**ZOO 5458L Ichthyology Lab** (1) AS BIO
CR/PR: ZOO 5458 Laboratory portion of Ichthyology relating to evolution, systematics, structure, behavior, physiology and ecology of fishes.

**ZOO 5463C Herpetology** (4) AS BIO
PR: CSCI 4674. Major aspects of amphibian and reptilian biology emphasizing fossil history, evolutionary morphology, sensory physiology, life history and reproductive behavior. Lab.

**ZOO 5545 Marine Animal Ecology** (4) AS BIO
PR: PCB 3043, senior standing. CSCI. Investigation of energy flow, biogeochmical cycles, and community structure in marine environments. Lecture.
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