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.
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 201
http://www.asasd.usf.edu/
974-2645

Academic Advising (for upperclassmen)
Arts & Sciences, BH 201
http://www.cas.usf.edu/
974-6957
Business Admin., BSN 1406
http://www.coedu.usf.edu/
974-2420
Education, EDU 106
http://www.coedu.usf.edu/education/eng.html
974-1804
Engineering, ENC 1302
http://www2.eng.usf.edu/main.asp
974-2684
Nursing, MDN 1036
http://hsc.usf.edu/nocma/nursing/index.html
974-2191
Visual and Performing Arts, FAH 120
http://www.art.sas.usf.edu/
974-3660

Academic Support and Accomodations for Students with Disabilities
Coordinator, SVC 1133
http://www.asasd.usf.edu/
974-4309
974-5651

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

Athletics (intercollegiate)
Director of Athletics, ATH 100
http://www.usfapp.com/
974-2125

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

Career Center
Cooperative Education Program, SVC 2088
Career Job Search Assistance, SVC 2088
http://www.career.usf.edu/

College Level Examination Program (CLEP tests)
USF Testing Services, SVC 2060
http://www.outreach.usf.edu/content/testing/Details.asp?code=CLEP
974-2741

Continuing Education Courses and Conferences
Continuing Education, NEC 116
Conference Management Services, NEC 116
http://www.outreach.usf.edu/content/
974-2403
974-5731

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

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

English Language Institute
CPR 107
http://mosler.edu/cas.usf.edu/ell/
974-3433

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

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

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

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

Housing: Campus Residence Halls
Office of Residence Life, RAR 229
http://www.lib.usf.edu/1100
974-0001
Office of Housing, RAR 229
http://www.lib.usf.edu/1100
974-0001

Housing: Off-Campus
Student Resource Agency Student Government, MC 240
http://cyber.acomp.usf.edu/acssss/
974-7613

International Student and Scholar Services
Office of the Advisor, CPR 469
http://www.polk.edu/ulibrary/
974-5102

Library Resources
Tampa Campus:
Circulation
http://www.lib.usf.edu/
Reference
981-2729
St. Petersburg Campus:
Circulation
http://www.lib.usf.edu/
Reference
981-2729
Sarasota Campus:
Circulation
http://www.nelson.usf.edu/mainpage/index.html
Reference
981-5412

Lectures, Conferences, Seminars
Division of Lifelong Learning, NEC 116
http://www.outreach.usf.edu/content/
974-2403

Office of the Advisor, SVC 2011
http://usfweb2.usf.edu/admissions/counselors.htm
974-3350

Office of Admissions, SVC 1036
http://usfweb2.usf.edu/admissions/index.html
974-2831

Office of the Registrar, SVC 1034
http://usfweb2.usf.edu/admissions/counselors.htm
974-3350

Parking Services, PSB 101
http://www.lib.usf.edu/parking_services/default.asp
974-3990

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

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

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

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

Transcripts USF
Office of the Registrar, SVC 1034
http://www.outreach.usf.edu/content/seniors/
974-2403

Tuition Waiver For Senior Citizens
Division of Lifelong Learning, NEC 116
http://www.outreach.usf.edu/content/seniors/
974-2403

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

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

University Police
Emergencies
981-002
UPD 002
981-2628

Veterans Services
Office of Veterans Services, SVC 2127
http://usfweb2.usf.edu/counseling/veterans/home.html
974-2291
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Calendar</td>
<td>4</td>
</tr>
<tr>
<td>Accreditation and Degrees Offered</td>
<td>6</td>
</tr>
<tr>
<td>General Information</td>
<td>7</td>
</tr>
<tr>
<td>Admissions and Related Matters</td>
<td>10</td>
</tr>
<tr>
<td>Student Affairs and Student Services</td>
<td>19</td>
</tr>
<tr>
<td>International Affairs Center</td>
<td>26</td>
</tr>
<tr>
<td>Financial Information</td>
<td>28</td>
</tr>
<tr>
<td>Registration</td>
<td>32</td>
</tr>
<tr>
<td>Academic Policies and Procedures</td>
<td>37</td>
</tr>
<tr>
<td>Academic Programs and Services</td>
<td>60</td>
</tr>
<tr>
<td>Honors College</td>
<td>66</td>
</tr>
<tr>
<td>Architecture and Community Design</td>
<td>68</td>
</tr>
<tr>
<td>Arts and Sciences</td>
<td>70</td>
</tr>
<tr>
<td>Business Administration</td>
<td>125</td>
</tr>
<tr>
<td>Education</td>
<td>132</td>
</tr>
<tr>
<td>Engineering</td>
<td>145</td>
</tr>
<tr>
<td>Louis de la Parte Florida Mental Health Institute</td>
<td>167</td>
</tr>
<tr>
<td>Marine Science</td>
<td>168</td>
</tr>
<tr>
<td>Nursing</td>
<td>169</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>172</td>
</tr>
<tr>
<td>Public Health</td>
<td>174</td>
</tr>
<tr>
<td>Undergraduate Studies</td>
<td>176</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>188</td>
</tr>
<tr>
<td>USF Lakeland</td>
<td>206</td>
</tr>
<tr>
<td>USF Sarasota</td>
<td>217</td>
</tr>
<tr>
<td>USF St. Petersburg</td>
<td>241</td>
</tr>
<tr>
<td>General Course Information</td>
<td>314</td>
</tr>
<tr>
<td>Undergraduate Course Descriptions</td>
<td>320</td>
</tr>
<tr>
<td>University Organization</td>
<td>410</td>
</tr>
<tr>
<td>Index</td>
<td>417</td>
</tr>
</tbody>
</table>
ACADEMIC CALENDAR
FOR UNDERGRADUATE STUDENTS

FALL SEMESTER, 2007

January 1  Monday  Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
February 28  Wednesday  Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
April 15  Sunday  Application Deadline for First Time In College Students for Fall Semester (New Freshmen)
July 1  Sunday  Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)
August 27  Monday  Classes begin
August 31  Friday  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
August 31  Friday  Last day to add courses - Deadline: 5:00 p.m.
August 31  Friday  Last day for late registration - Deadline: 5:00 p.m.
September 3  Monday  Labor Day Holiday
September 7  Friday  CLAST Registration Deadline
September 13  Thursday  Rosh Hashanah Begins
September 21  Friday  Graduation Application Deadline
September 22  Saturday  Yom Kippur
October 6  Saturday  CLAST Administration Day
November 2  Friday  Last day of classes
November 12  Monday  Veteran’s Day Holiday celebrated
November 22-23  Thursday-Friday  Thanksgiving Holidays
December 7  Friday  Classes End
December 8-14  Saturday-Friday  Final Examinations
December 14  Friday  Commencement (Lakeland)
December 15  Saturday  Commencement (Tampa)
December 16  Sunday  Commencement (St. Petersburg)
December 18  Tuesday  Commencement (Sarasota)

SPRING SEMESTER, 2008

June 29  Friday  Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
September 30  Sunday  Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
October 1  Monday  Application Deadline for First Time In College Students for Spring Semester (New Freshmen)
November 15  Thursday  Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except international applicants)
January 7  Monday  Classes begin
January 11  Friday  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
January 11  Friday  Last day to add courses - Deadline: 5:00 p.m.
January 11  Friday  Last day for late registration - Deadline: 5:00 p.m.
January 11  Friday  Last day to pay fees
January 18  Friday  CLAST Registration Deadline
January 21  Monday  Martin Luther King Holiday
February 1  Friday  Graduation Application Deadline
February 16  Saturday  CLAST Administration Day
March 10-15  Monday-Saturday  Spring Semester Break
March 21  Friday  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
April 13  Sunday  Application deadline for First Time In College Students for Fall Semester 2007 (New Freshmen)
April 25  Friday  Classes End
April 26–May 2  Saturday - Friday  Final Examinations
May 3  Saturday  Commencement (Tampa)
May 4  Sunday  Commencement (St. Petersburg)
May 5  Monday  Commencement (Lakeland)
May 6  Tuesday  Commencement (Sarasota)
### SUMMER TERM, 2008

**SESSION A**  
*First Six-week Session*
- **December 31**: Monday  
  Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
- **February 27**: Wednesday  
  Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
- **March 1**: Saturday  
  Application Deadline Date for First Time In College Students for Summer Semester (New Freshmen)
- **March 1**: Saturday  
  Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
- **May 9**: Friday  
  CLAST Registration Deadline
- **May 12**: Monday  
  Classes begin
- **May 16**: Friday  
  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
- **May 16**: Friday  
  Last day to add courses
- **May 16**: Friday  
  Last day for late registration
- **May 16**: Friday  
  Last day to pay fees
- **May 26**: Monday  
  Memorial Day Holiday
- **June 6**: Friday  
  Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
- **June 6**: Friday  
  Graduation Application Deadline
- **June 7**: Saturday  
  CLAST Administration Day
- **June 20**: Friday  
  Last day of classes
- **August 9**: Saturday  
  Summer Commencement (Tampa) - Tentative Date

**SESSION B**  
*Second Six-week Session*
- **December 31**: Monday  
  Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
- **February 27**: Wednesday  
  Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
- **March 1**: Saturday  
  Application Deadline Date for First Time In College Students for Summer Semester (New Freshmen)
- **March 30**: Saturday  
  Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
- **June 6**: Friday  
  Graduation Application Deadline
- **June 30**: Monday  
  Classes begin
- **July 4**: Friday  
  Independence Day Holiday
- **July 7**: Monday  
  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
- **July 7**: Monday  
  Last day to add courses
- **July 7**: Monday  
  Last day for late registration
- **July 7**: Monday  
  Last day to pay fees
- **July 25**: Friday  
  Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
- **August 8**: Friday  
  Last day of classes
- **August 9**: Saturday  
  Summer Commencement (Tampa) - Tentative Date

**SESSION C**  
*Ten-week Session*
- **December 31**: Monday  
  Application Deadline Date for international applicants outside of the United States to apply for admission and submit all required credentials and supporting documents
- **February 27**: Wednesday  
  Application Deadline Date for international applicants currently in the United States to apply for admission and submit all required credentials and supporting documents
- **March 1**: Friday  
  Application Deadline Date for First Time In College Students for Summer Semester (New Freshmen)
- **March 1**: Friday  
  Application Deadline Date for undergraduate transfers and former students returning to apply for admission (except for international applicants)
- **May 9**: Friday  
  CLAST Registration Deadline
- **May 12**: Monday  
  Classes begin
- **May 16**: Friday  
  Last day to withdraw/drop and receive full refund of registration fees - Deadline: 5:00 p.m.
- **May 16**: Friday  
  Last day to add courses
- **May 16**: Friday  
  Last day for late registration
- **May 16**: Friday  
  Last day to pay fees
- **May 26**: Monday  
  Memorial Day Holiday
- **June 6**: Friday  
  Graduation Application Deadline
- **June 7**: Saturday  
  CLAST Administration Day
- **June 20**: Friday  
  Last day to drop or withdraw from courses without academic penalty - Deadline: 5:00 p.m.
- **July 4**: Friday  
  Independence Day Holiday
- **July 18**: Friday  
  Last day of classes
- **August 9**: Saturday  
  Summer Commencement (Tampa) - Tentative Date
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>
<th>Bachelor of Arts</th>
<th>Bachelor of Fine Arts</th>
<th>Bachelor of Music</th>
<th>Bachelor of Science</th>
<th>Bachelor of Science in Applied Science</th>
<th>Bachelor of Science in Chemical Engineering</th>
<th>Bachelor of Science in Civil Engineering</th>
<th>Bachelor of Science in Computer Engineering</th>
<th>Bachelor of Science in Computer Science</th>
<th>Bachelor of Science in Electrical Engineering</th>
<th>Bachelor of Science in Engineering</th>
<th>Bachelor of Science in Industrial Engineering</th>
<th>Bachelor of Science in Information Systems</th>
<th>Bachelor of Science in Information Technology</th>
<th>Bachelor of Science in Mechanical Engineering</th>
<th>Bachelor of Social Work</th>
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<tbody>
<tr>
<td></td>
<td>Master of Industrial Engineering</td>
<td>Master of Liberal Arts</td>
<td>Master of Mechanical Engineering</td>
<td>Master of Public Administration</td>
<td>Master of Public Health</td>
<td>Master of Science</td>
<td>Master of Science in Bioinformatics and Computational Biology</td>
<td>Master of Science in Biomedical Engineering</td>
<td>Master of Science in Chemical Engineering</td>
<td>Master of Science in Computer Engineering</td>
<td>Master of Science in Computer Science</td>
<td>Master of Science in Electrical Engineering</td>
<td>Master of Science in Engineering Management</td>
<td>Master of Science in Medical Sciences</td>
<td>Master of Science in Public Health</td>
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</thead>
<tbody>
<tr>
<td></td>
<td>Master of Science in Accounting Management</td>
<td>Master of Science in Industrial Engineering</td>
<td>Master of Science in Medical Sciences</td>
<td>Master of Science in Public Health</td>
<td>Education Specialist</td>
<td>Doctor of Audiology</td>
<td>Doctor of Education</td>
<td>Doctor of Philosophy</td>
<td>Doctor of Nursing Practice</td>
<td>Doctor of Physical Therapy</td>
<td>Doctor of Medicine</td>
<td>Doctor of Physical Therapy</td>
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<tbody>
<tr>
<td>Education Specialist</td>
<td>Doctor of Audiology</td>
<td>Doctor of Education</td>
<td>Doctor of Philosophy</td>
<td>Doctor of Nursing Practice</td>
<td>Doctor of Physical Therapy</td>
<td>Doctor of Medicine</td>
<td>M.D.</td>
<td>D.P.T.</td>
<td>M.D.</td>
<td>Doctor of Physical Therapy</td>
<td>M.D.</td>
<td></td>
</tr>
</tbody>
</table>

*See index for individual degree programs

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.
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

Founded in 1956, the University of South Florida opened its doors in 1960 to 2,000 students. Today, the university is the ninth largest in the nation and a member of the Big East Athletic Conference. More than 44,000 students are enrolled at campuses in Tampa, St. Petersburg, Sarasota and Lakeland. USF is a research (very high activity) university with a strong focus in medical treatment and research, bioengineering, life sciences and the arts. In the last five years, research funding at USF grew from $186 million to $310 million.

USF has achieved distinction in all areas of academics, sports, research and funding. The impact of the university on the Tampa Bay region is intellectual, cultural and economic. The university has a yearly budget of $1.6 billion and its annual impact on the regional economy reached $3.2 billion in 2005. USF is one of the two fastest growing research universities in the United States and is ranked number two among Florida's universities. In 2000, USF was named to the top rank of research universities by the Carnegie Foundation for the Advancement of Teaching. Of the 4,321 colleges and universities classified, USF is one of only 63 public universities in the highest tier. Inclusion at this level affirms USF's position among the top research universities in the nation.

Students come to USF from every state, every U.S. territory, and 131 countries around the world. The university is the most broadly diverse public university in Florida, second only to Florida Agricultural and Mechanical University in the number of African American and black students currently enrolled. More than 30% of the student body is African American, Hispanic, Asian, Asian/Pacific Islander, Native American or other ethnicity. The university has 11 colleges and offers more than 200 degree programs at the bachelor, master, specialist, and doctoral levels, including the doctor of medicine. With more than 1,900 faculty members from some of the world's most prestigious universities and research institutions, USF is the university of choice for many of the nation's brightest students. Last year, USF awarded more than 6,000 bachelor's degrees, 2,000 master's degrees, 184 doctorates in 31 fields, and 93 MD degrees.

The College of Arts and Sciences is the largest college at USF and houses several nationally ranked programs. The Industrial/Organizational Psychology program is one of the top 10 in the country. The School of Mass Communications, one of the largest programs of its kind in the United States, is ranked
in the top 20 percent of nearly 500 American journalism and mass communications programs. The School of Aging Studies is one of only two gerontology education programs in the country to have awarded over 1,000 gerontology degrees.

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 instrumental in 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 Business Administration has one of the largest MBA programs among all public universities in Florida. USF accounting majors have been listed number one in the nation, with the highest percentage of candidates with advanced degrees passing all parts of the CPA exam - placing USF among the top 10 universities more times than any other school in the country.

The College of Education graduates more educators than any other university in Florida and is one of the largest colleges of education in the country. The college is ranked in the top 25% of all graduate schools of education by U.S. News & World Report and is known for its innovative approaches to today’s education challenges. Over half of the college's students are enrolled in graduate programs.

The university offers an Honors College for high-ability students, an extensive study abroad and internship program, interdisciplinary research opportunities, and a new Center for Global Solutions that offers students the opportunity to address real-world challenges affecting communities around the world.

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’s faculty includes 191 of Tampa Bay’s 310 Best Doctors in America.

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.

In its 50-year history, USF has graduated more than 200,000 students. Approximately 90,000 alumni live in the university’s six-county service area.

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**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.

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**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.

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

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

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

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

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**CAMPUS CONTACTS FOR STUDENT DISABILITY SERVICES**

<table>
<thead>
<tr>
<th>Tampa Campus</th>
<th>Student Disability Services</th>
<th>SVC 1133</th>
<th>(voice) 813-974-4309</th>
<th>(TDD) 813-974-5651</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarasota Campus</td>
<td>Coordinator for Advising for Special Needs Students</td>
<td>PMD 223</td>
<td>813-359-4330</td>
<td></td>
</tr>
<tr>
<td>Lakeland Campus</td>
<td>Office of the Director for Academic Services</td>
<td>Building C, USF Offices 941-677-7000</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>Office of the Director, Student Affairs</td>
<td>DAV 118</td>
<td>813-893-9162</td>
<td></td>
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</tbody>
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**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.

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FACILITIES AND ATMOSPHERE

Since its inception, USF has endeavored to provide facilities that assist students and scholars in achieving their educational and professional goals. The USF Tampa campus features more than 200 buildings valued at over $800 million, including modern science and engineering labs; a communications building with a full range of broadcast facilities; foreign language listening labs; fine art studios and display spaces; education teaching labs; a public television station; a listener-supported radio station; a dozen computer labs with free internet access; and even an on-campus elementary school and daycare facilities. The campus also offers a wide variety of recreational facilities, including a multi-million dollar recreation center featuring a 6,500-square-foot weight room, an indoor pool, racquetball courts and various fitness studios; three outdoor swimming pools; 22 lighted tennis courts; an 18-hole golf course; a running trail; three softball fields; four outdoor basketball and volleyball courts; and 10 lighted multi-purpose fields. In addition, we offer a wide range of living options for students who wish to live on campus, including traditional-style, suite-style and apartment-style resident halls. Greek housing is also available for members of USF's sororities and fraternities.

The USF St. Petersberg campus, located on Tampa Bay, opened its first residence hall in Fall 2006. The seven-story building, which features 79 four-bedroom single occupancy and seven two-bedroom double occupancy apartments, as well as a lobby, catering kitchen, lounge, and laundry facilities, offers students apartment-style living right on campus. In addition, the campus recently added a new campus parking structure featuring more than 1,500 spaces. The first floor of the garage houses the USF St. Petersburg Police Department and the Parking Services department, as well as a new 15,000-square-foot, two-story Barnes & Noble bookstore offering university students great coffee, literature, textbooks, lab materials and campus merchandise.

The USF Sarasota campus recently opened its beautiful new Crosley Campus Center, a three-story, 108,000-square-foot Italian Mediterranean-style structure inspired by some of the beautiful historic mansions located on nearby Sarasota Bay. Behind the architectural beauty is plenty of academic muscle - including 24 new classrooms, several additional computer labs, more seminar rooms and video-conferencing areas, and a 190-seat lecture/exhibition hall. There is also a technology and learning center, a new dining area, training facilities for the School of Hotel and Restaurant Management, and a daycare center.

USF Lakeland began serving central Florida students in 1988, operating on a campus shared with Polk Community College at the intersection of US 98 and the Polk Parkway. The campus is known for its abundant shade trees, outdoor study areas, and plentiful free parking. Fall 2006 marks the opening of the new Lakeland Technology Building, a high tech teaching and student services facility on the west side of campus. This new facility doubles available classroom space and makes student services such as registration, advising, financial aid, and counseling even more convenient.

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 agency 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

~Supporting victims and survivors of crime, violence, and/or abuse~

The Advocacy Program will provide compassionate services and support to USF students and employees who have experienced crime, violence, and/or abuse. Free and confidential services are provided to both males and females, whether the incident occurred on or off campus, recently or in the past. Services include crisis intervention, emotional support, court accompaniment, 24 hour Victim HelpLine, information, options, and referrals, and educational presentations.

Appointments are available in our office or at other safe locations on campus. Walk-ins are welcomed. Monday - Friday, 8:00 a.m. to 5:00 p.m. Please visit our web site at http://www.usf.edu/advocacy.

IMPORTANT NUMBERS

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

USF POLICE EMERGENCY
The Advocacy Program at USF
911 OR 974-2628
24-Hr. Victim HelpLine
974-5757
Office Number
974-5756
CRISIS CENTER OF TAMPA BAY
24-Hr. Crisis Line
234-1234 OR 211
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 payment of this fee creates severe financial hardship and serves as a deterrent to application.

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

Applying for Admission

Obtaining an Application
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.

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

Who Should Apply
An application for admission must be submitted by all students who have not 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.

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

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

General Admission Policies

Transcripts and other admission documents
All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant’s responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF Office of Undergraduate Admissions in Tampa, 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 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 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.
Required Summer Term Attendance

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

Students are exempt from the summer requirement provided they have earned 9 or more credits from one of the acceleration mechanisms listed below prior to matriculation at an SUS institution. There is no provision for partial credit that would allow students to complete in summer enrollment only the difference in credits between the required 9 semester hours and the number of credits less than 9 that they completed prior to matriculation. (Approved acceleration mechanisms include: Advanced Placement, International Baccalaureate, Dual Credit, Early Admission, Advanced International Certificate of Education, and credit from the Florida Virtual School.

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida, Florida Agricultural and Mechanical University, Florida Atlantic University, Florida Gulf Coast University, Florida International University, Florida State University, New College of Florida, University of Central Florida, University of Florida, University of North Florida and University of West Florida.

CLAST Test Requirement

All undergraduate students admitted to USF must earn passing scores, meet exemption criteria or qualify for a waiver 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 (FTIC/Transfer) are required to participate in Orientation on the USF campus in which they are admitted. Orientation sessions are designed to assist new and returning students with their transition into the University. During the University Orientation students are made aware of the following: college overviews and requirements for their degree program; general University policies and services; and student activities and campus life. In addition, academic advising and registration for classes are all part of the orientation process.

All new/returning students will 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 Engineering; all degree programs in the College of Nursing. The admissions requirements for these degree programs may be found with other program information in appropriate sections of this catalog.

Minimum Requirements for Admission

Freshman Applicants

To be considered for admission, freshman applicants must submit a USF or FACTS 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. During the admission process, USF seeks evidence of ability to do successful academic work at 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 Writing component or an ACT score that includes the Essay component. Receipt of an SAT without Writing or ACT without Essay 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://usfweb2.usf.edu/admissions/requirements.htm 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 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), 550 (paper-based test) or 79 (Internet-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 or the ACT, college preparatory work will be required during the first term of enrollment at USF:
   - SAT - 440 verbal, 440 mathematics
   - 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:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Fall</td>
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</tr>
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<td>December 1</td>
</tr>
<tr>
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<td>May 1</td>
</tr>
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</table>

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 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 conjunction with the Dean 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 USF or FACTS application for admission and non-refundable application fee;
3. Have proof of a 1200 on the SAT with no less than 440 on SAT V (Verbal) and 440 on SAT 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, without a course by course evaluation of the prior coursework, only from institutions that are accredited by one of the regional accrediting agencies/committees recognized by USF at the time the credits are earned (See Evaluation of Transfer Credit). Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions will be considered for transfer credit the same as credits from regionally accredited institutions. 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 or on the transferable work completed at a non-regionally accredited institution as approved by SCNS. If all post-secondary work is from a non-regionally accredited school, not including SCNS approved coursework, 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 except that work specifically approved as part of the Bachelor of Science in Applied Science program or approved by the academic department of the student's major.

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 USF or FACTS 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.

1. Be in good standing with a minimum 2.3 GPA and eligible to return to the last regionally accredited institution attended as a degree-seeking student or a non-regionally accredited institution participating in the SCNS with SCNS approved transferable credits;
2. Have an overall “C+” average (transfer GPA of 2.3 on a 4.0 scale) as calculated by USF in all college-level courses acceptable for transfer credit to USF. (In the calculation of the GPA, incomplete grades are computed as failures and course “repeats” are not forgiven when the courses are repeated at different institutions;)
3. Satisfy fully all freshman admissions standards as described in the previous section entitled “Freshman Applicants.” (Meeting freshman admission standards is a critical requirement for undergraduate applicants with fewer than 60 transferable credits.
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), or 79 (Internet-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 a USF or FACTS 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 60 or more semester hours who designates a desire for admission to a limited access program or graduate program must meet the overall admission GPA criteria of that program in order to be admitted to the University.

Applicants with Associate in 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 or a non-regionally accredited institution participating in the SCNS with SCNS approved transferable credits;
2. Have an overall “C+” average as calculated by USF (transfer GPA of 2.3 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; may meet the minimum grade point average required by the program if entering a limited access program and transferred student does not guarantee admission:
4. Meet the minimum grade point average required by the program if entering a limited access program and transferred student does not guarantee admission:
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) or 79 (Internet-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when
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.

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 readily or automatically accept credits only from those institutions accredited by one of the regional accrediting agencies/commissions* at the time the credits are earned. (See * below for agencies recognized by USF.) Credits earned at an institution that is currently in “candidacy” status will not be considered for transfer credit until such time as the awarding institution receives full accreditation. Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions will be considered for transfer credit as the same as credits from regionally accredited institutions.
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 except for work that is specifically approved as part of the Bachelor of Science in Applied Science program or approved by the academic department of the student’s major.
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. That same automatic transferability of credits applies to courses completed at non-regionally accredited institutions that have been specifically approved by the SCNS. Excluded are graduate courses, studio courses in art, internships, practicums, and performing arts courses such as dance, theater performance, voice, and instrumental music.
6. All undergraduate degree programs at USF require a minimum of 48 hours of upper-level work that would have been completed at a four-year college or university. 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. Program.
7. Credit will not be awarded for GED tests.
8. Military service school courses will be evaluated with reference to the recommendation of the American Council on 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.
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 Education; Middle States Association of Colleges and Secondary Schools, Commission on Higher Education; North Central Association of Colleges and Schools; Northwest Association of Colleges and Schools; Southern Association of Colleges and Schools, Commission on Colleges; Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Accrediting Commission for Junior Colleges.

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 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. Transcripts in a language other than English must be accompanied by a certified English translation.

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

An international applicant (non-resident alien) must meet all admission requirements for the appropriate applicant category (freshman, undergraduate transfer, graduate). Other minimum requirements are as follows:
1. An international applicant whose native language is not English must present a minimum score of 79 (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 alternative evidence of English language proficiency is presented in writing.
2. International applicants must be in good standing at the last institution attended.
3. International applicants must submit the USF Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF, without financial assistance from the University.
4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.

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

Financial Aid
Location/phone:
Toll Free: 1-877-USF-BULL
Tampa Campus: SVC 1102, (813) 974-4700
St. Petersburg Campus: BAY 105, (727) 553-4128
Sarasota Campus: USS-C, (941) 359-4459
Lakeland Campus: LLC 2101, (863) 667-7028

Web Addresses:
Financial Aid Web: http://www.usf.edu/finaid/
OASIS Web: http://usfonline.admin.usf.edu
FAFSA Web: http://www.fafsa.ed.gov

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

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

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

Orientation
Location/phone: SVC 2054, (813) 974-3060
Website: www.usf.edu/orientation

Every new student at the University of South Florida must attend an on-campus, University Orientation on the campus in which they are admitted. Orientation on all campuses provides an introduction to the University of South Florida and facilitates the smooth transition of students into the academic and social environments of the University. During the University Orientation, students are made aware of the following: college overviews and requirements for their degree program; general University policies and services; and student activities and campus life. In addition, academic advising and registration for classes are part of the orientation process. Orientation is required of all new students and former students returning to the University. Orientation programs are available on all campuses and students should contact their home campus directly to make arrangements for their orientation session.

First Time in College (FTIC) Students Tampa Campus
Students admitted for the summer or fall terms are required to stay overnight in a campus residence hall. Families of FTIC students admitted for the summer or fall will experience a separate orientation program, which runs concurrently with the student program. Orientation sessions are conducted by the Offices of Orientation and New Student Programs and are scheduled prior to each term in an academic year.

Honors College
Tampa Campus
Academically talented students in all majors may avail themselves of Honors opportunities at USF’s Tampa campus.
The College is designed for first-time-in-college students (FTICs); however, honors also accommodate USF and transfer 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 under Honors College.) Many scholarships are available for Honors students.

Potential FTIC 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 recalculated weighted academic high school GPA and 1270 SAT (based only on Critical Reading and Mathematics sections) or 29 ACT scores.

Interested continuing USF students and transfer students may request admission by contacting the Honors College. Eligible continuing USF students present a 3.5 USF GPA, based on at least 30 USF credits. Eligible transfer students present a 3.5 transfer GPA, based on at least 30 college credits.

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 the Honors College; 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 (all course attempts are included in the Honors GPA) shall be identified as Honors College graduates on their diplomas and transcripts, and at the Honors College Graduation Ceremony.

USF St. Petersburg has an Honors Program. For additional information, please call (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 Communities in your USF experience. Spaces in the communities are limited.

Other General Information

Evening Courses

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

Opportunities for Accelerated Progress Toward Undergraduate Degrees

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

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

Credits may be earned through a combination of the above options. Students should contact their college advisors for further information concerning the application of this credit toward their degree requirements.

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

Non-Degree Seeking Student

Non-degree seeking student enrollment is on a space-available basis and has been established for those individuals who, while not desirous of earning a degree, would like to enroll in all levels of university courses. Teachers needing to take courses for certification purposes, high school students (with the permission of their respective guidance counselor), individuals desirous of taking courses for self enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. 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 (reflecting the degree) from that institution must be sent to the USF Office of the Registrar (Attention: Registration and Records Area) prior to registration.

Applicants denied admission to USF as degree-seeking undergraduates may not enroll as non-degree seeking students. Performance in courses taken in this category will not qualify an applicant for admission as a degree-seeking student. A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets other admissions requirements, a request for waiver of this rule may be submitted to the Faculty Committee on Student Admissions. This rule does not apply to a student who has earned a degree from a regionally accredited institution subsequent to academic dismissal.

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.

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 are subject to the academic probation and dismissal policy listed in this catalog. Non-degree seeking students who are academically dismissed from the University may appeal to the Academic Regulations Committee (ARC) through the ARC representative for Academic Support and Achievement/Center for Academic Advising to return. Potential non-degree seeking students should also refer to the section of the catalog of the college(s) offering the course(s) of interest to them to determine whether any special college requirements exist which must be met prior to enrolling.

NOTE: Prior to registration for classes that meet on campus, all students 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
/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 Admissions 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 Mathematics and Critical Reading sections of the SAT, with no less than 440 on either section; or a 27 on the ACT with no less than 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 coordinator for Dual Enrollment and 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 V (Critical Reading) and 440 on SAT Q (Mathematics); or a score of 17 on ACT English, 18 on EACT Reading and a score of 19 on EACT Mathematics; or appropriate placement test scores; and a 3.5 high school grade point average (computed by USF); and a TOEFL score, if applicable;
3. Have (a) completed the equivalent of the sophomore year, (b) students typically present a 3.5 grade point average 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 high 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/ adm_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 three (3) terms or fewer. Students who have been out for three terms or fewer must meet with their academic advisor for course selection. Orientation includes advising and registration for courses. Former students returning will receive orientation information after readmission.

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

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

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 Wavier 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 and Florida's common prerequisites that should be followed to ensure maximum ease of transfer into the students' upper-level programs on a par with their native USF counterparts.

Articulation Agreement

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

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

Admission into the State University System
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.
8. A separate agreement establishes the Associate of Science (A.S.) degree for articulation into specialized programs. Career ladder and capstone degree programs can be found at - http://www.facts.org/pdf_sw/statwidearticulationmanual.pdf

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.
The University of South Florida is committed to a holistic, integrated, multi-faceted approach to students’ learning. Learning is a transformative experience that happens inside and outside the classroom, through coursework, laboratories, student employment, residence halls, student organizations, internships, athletics, and volunteerism. The Division of Student Affairs contributes to the development of an educational environment that enhances students’ ability to grow and develop into active and engaged citizens who are prepared and committed to positively impact the world around them. Student Affairs is committed to promoting student development and learning, providing quality services for students, and fostering a sense of community.

**DIVISION OF STUDENT AFFAIRS**

The Division of Student Affairs is committed to creating a student-centered learning community distinguished by collaborative relationships with colleagues across the university. The Division provides opportunities to prepare students for lifelong success in a diverse multicultural, and international world. Comprised of eleven departments, Student Affairs staff members are dedicated to the values of integrity, collaboration, open communication, and mutual respect.

The mission of the Division of Student Affairs is to provide a broad range of educational, social, psychological, physical, and spiritual programs that increase students’ capacity to learn; to provide facilities and fundamental services that foster the optimal living and learning environment on campus; to facilitate the overall development of each student; and, to enhance the overall campus community. The Division provides students with opportunities to become involved in the life of the University outside of the classroom, as students who are more engaged with and involved in their college experience are more likely to experience success and graduate.

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 of Student Affairs, along with other University officials, is charged with interpreting the policies of the Board of Trustees to students, their families, and others in the University community. To prepare students for successful lives after graduation, Student Affairs staff members foster an environment where students are challenged and supported to make good decisions and to learn from the outcomes of those decisions. Students are expected to take primary responsibility for their education: they are accountable to know and fulfill academic requirements, meet financial obligations, and adhere to the University’s expectations for appropriate conduct.

**Student Disability Services**

**Location/Phone:** SVC 1133, Voice: (813) 974-4309; TDD: (813) 974-5651

**Web address:** http://www.sds.usf.edu

The University recognizes and values students with disabilities, and 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 accommodation 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](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) 974-4828

**Web address:** [www.usf.edu/ua/parents](http://www.usf.edu/ua/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, Partnership, Student Life, Student Recruitment and the Parents Fund.

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

Student Learning Services
Location/phone: SVC. (813) 974-9281

Student Learning Services (Formerly the LEARN Program) offers a student-centered environment dedicated to helping students develop their academic skills and strategies for success in college and throughout their lives. Direct services include courses for credit aimed at enhancing general learning strategies and reading skills such as Advanced Reading (REA 1106), Critical Reading and Writing (REA 2105), Learning Strategies (REA 1605), and Academic Strategies (REA 2604). Other services include CLAST Tutoring, study skills workshops, customized courses for specific student groups, individual support, and referrals.

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

Counseling Services are designed to enhance the personal, academic, emotional, social, career, and life planning effectiveness of students. Fully accredited by the International Association of Counseling Services (IACS), the USF Counseling Center is staffed by professional psychologists and psychiatrists licensed to practice in the state of Florida. These professionals assist students in developing a clearer sense of identity, establishing greater autonomy, discovering strengths and weaknesses, identifying realistic educational and career goals, and becoming more insightful, self-directing individuals. Services aimed at early detection, 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 ongoing psychotherapy groups. Adjunctive services include psychiatric consultation, anxiety management, and skill-enhancement workshops.

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 schedules for each semester are posted on the Counseling Center’s website. Consultation and liaison relationships are maintained with student groups and staff/faculty.

The Center for Addiction and Substance Abuse (CASA) is a source of education, 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.

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.

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 VA or various USF offices in order to help resolve problems. Veterans Services is the point where students submit all paperwork concerning VA Educational Benefits. Programs to help students financially include VA Work-Study Program, VA Deferment of Fees, Advance Payment Program and VA Tutorial Assistance. Office Hours: 8:00 a.m. to 5:00 p.m., Monday through Friday (except University holidays). For further information, contact the staff in SVC 2127, call 974-2291, or visit our web page (http://usfweb.usf.edu/vetserve/).

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’s 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 a reliable health insurance company to provide USF students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. The SIO is there to assist students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to visit the office located just west of SHS in the lower level of the Bookstore building (next to textbook buyback).

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

Individual Educational Sessions:
• HIV Antibody, Syphilis, Herpes Testing - Confidential testing is available to USF students for a fee. Referrals are made to local community agencies for anonymous HIV testing.
• Nutrition Counseling - One-on-one consultations are available to USF students. Topics include healthy eating, weight management, disordered eating, high cholesterol, high blood pressure, IBS, or other nutrition-related issues.
• Other Individual Education Counseling - Consultations and referrals are available on other topics including STIs, birth control options, sexual health, and alcohol and other drugs.

Outreach:
• 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, Health Ed develops and organizes various events, activities and materials in recognition of national awareness campaigns, including National Collegiate Alcohol Awareness Week, National Eating Disorders Awareness Week, and Sexual Responsibility Week.

REACH Peer Education Program (Responsible Education and Action for Campus Health)
REACH Peer Educators (PEs) are selected and trained to provide innovative and interactive educational programs and activities regarding sexual responsibility, sexually transmitted infections, contraception, alcohol and other drug awareness, and general college health to fellow students. Programs are presented in residence halls, in academic classes, and to student organizations. PEs are also involved with various health promotion activities and awareness campaigns. Students can get involved with the program as staff members or volunteers.

For more information about Health Education, stop by the SHS Annex, located next to the main SHS building in the lower level of the Marshall Center (beside Bookbuyback) or call 813-974-4936.

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 registra-
tion, 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 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.

Housing and Residential Education
Location/phone: RAR 229, (813) 974-0001
Web address: www.housing.usf.edu
Office Hours: Monday through Friday, 9:00 a.m. - 5:00 p.m.

The Housing and Residential Education program is an integral part of the total educational experience offered to USF students and is staffed by caring, informed professionals, graduate students, and resident assistants. The Department of Housing and Residential Education provides students with intellectual and social experiences in a conveniently-located residence hall community and promotes 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 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 Residence Halls
Residence Halls on the Tampa campus are clustered in six centers of community activity - the Argos, Andros, Cypress, Greek, 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 bath facilities that are cleaned on a regular basis by the hall’s housekeeping staff. It also offers laundry facilities, kitchens, community rooms, and snack machines.

The Argos 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 and 3 bedroom apartments are also available in Holly and Magnolia respectively. A small 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 nationally 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 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 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 discriminate because of race, color, 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 Student 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.

The offices and activities housed in the Marshall Center provide 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, Student Government or the Office of Multicultural Activities, there are many social activities to enjoy on campus. Many events take place throughout the Marshall Center and MLK Plaza.

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
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 student leaders. 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 $9 million) which supports the Marshall Center, Campus Recreation, Campus Activities Board, University Lecture Series, SG Branches and Agencies, College Councils, and over 150 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.

Office of Greek Life
Location/phone: CTR 006, (813) 97G-REEK (4-7335)
Office Hours: Monday & Thursday, 9 a.m. – 7 p.m., Tuesday & Wednesday, 9 a.m. - 9 p.m. and Fridays 9 a.m. – 5 p.m.

The Office of Greek Life advises and works with the almost 40 social/service based fraternities and sororities and their respective governing councils in areas of programming, leadership development, recruitment/intake, new member education and self-governance.

Office of Multicultural Activities (OMA)
Location/phone: CTR 254, (813) 974-5111
Office Hours: Monday through Thursday, 8 a.m. – 11 p.m. and Fridays 8 a.m. – 5 p.m.

OMA helps to advance the cultural competence of students through the art of cultivating interpersonal and cross-cultural relationships. By way of community building, diversity awareness programming, advising, advocacy and global leadership, OMA provides inclusive and holistic development for ALL USF students.

Office of Student Programs
Location/phone: CTR 259, (813) 974-1001
Office Hours: Monday through Friday, 9 a.m. – 5 p.m.

The Office of Student Programs offers students, faculty, staff, alumni, and community members the opportunity to have unique, on-campus experiences. The variety of student-run programs offered helps the campus community to see and hear things they would not otherwise encounter. To accomplish this goal, the office is dedicated to programming diverse social, cultural, artistic, recreational, and school-spirited events. The areas that comprise the Office of Student Programs are: Base- ment Band Series, Campus Activities Board, Center Gallery, Homecoming Steering Committee, and University Lecture Series. The types of events planned by these areas include concerts, comedy shows, movie screenings, art exhibits and receptions, hypnotist shows, and many more. These events range in size from small, intimate settings to large arena shows.

Center for Civic Engagement and Volunteerism
Location/phone: CTR 014, (813) 974-5053
Office Hours: Monday through Friday, 8 a.m. – 5 p.m.

The Center for Civic Engagement and Volunteerism provides opportunities for student to participate in community service, service-learning and civic leadership programs. Through these programs, the Center provides opportunities to connect to the community, gain real-life experience, learn intellectually, socially and emotionally and gain leadership skills.

Office of Student Engagement and Involvement
Location/phone: CTR 215, (813) 974-7595
Office Hours: Monday through Friday, 8 a.m. – 5 p.m.

The Office of Student Engagement and Involvement is THE place students to learn about opportunities to get involved in campus life. Through activities, programs, events, workshops, and courses, OSEI provides opportunities to learn intellectually, socially, and emotionally as part of the student life experience at USF. Departments comprised mainly of students plan and execute a variety of programs including lectures, concerts, and more. Departments include the Office of Student Programs, Center for Civic Engagement and Volunteerism, and student organizations. With hundreds of ways for students to be involved, visit the OSEI website for more information at www ctr.usf.edu/sa.

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

The Campus Recreation Department 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 the Fall and Spring, and two times weekly, Monday and Thursday, during the Summer. Containing 12 to 20 pages in each issue, it provides professional experience for those students interested in print journalism. Omnibus, a literary magazine, published annually, contains prose, poetry, photos, and graphics produced by students. Interested students are invited to apply for staff positions on both publications.

Standards and Student Judicial Procedures

Standards of Conduct

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

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

Judicial Procedures

Student judicial procedures are followed when a student fails to exercise his/her responsibility in an acceptable manner or commits an offense as outlined in the student handbook (www.sa.usf.edu/sis). 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 the Vice President of Student Affairs 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 the Vice President of Student Affairs, in person or in writing. A course of action or other answer will be given by the Office of the Vice President of Student Affairs, 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 the spectators.

The school also has an 18-hole championship golf course, and varsity tennis courts. The Bulls football team competes in Raymond James Stadium, a state of the art 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


Usual Hours: Monday through Thursday from 8:00 a.m. - 7:00 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 products. 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
St. Petersburg Textbook Store
Location/Phone: Coquina Hall (COG 101) on the St. Petersburg USF Campus, (727) 553-1141
Usual Hours: Monday through Thursday 9:00 a.m. to 6:00 p.m. and Friday from 9:00 a.m. to 5:00 p.m. Extended hours at beginning of each term.
Web address: http://usfstpete 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.

St. Petersburg Bookstore
Location/Phone: Campus Parking Garage (FPF), (727) 873-2024
Usual Hours: Monday through Saturday 8:00 a.m. to 9:00 p.m. and Sunday from 12:00 p.m. to 7:00 p.m.
This USF Bookstore offers a large selection of general books and a cafe serving a selection of lunch and dessert items, as well as, StarBucks products.

Lakeland Bookstore
Location/Phone: LAC 111 on the Lakeland Campus at 3433 Winter Lake Rd., (863) 665-8431
Usual Hours: Monday through Thursday 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 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 by 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 out 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 Cafe (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 Cafe (Health Science Bookstore) – Starbucks specialty coffee, including espresso, cappuccinos, iced coffees; Fresh Market Smoothies, grab-n-go sandwiches and salads and more.

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.

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. For additional information: http://www.auxsvc.usf.edu/usfcard.html
Office of International Student and Scholar Services

Location/Phone: CPR 475, (813) 974-4090
Email: publicaffairs@iac.usf.edu
Web Site: http://global.usf.edu/issss/

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 International Admissions, International Student and Scholar Services, Study Abroad and the Institute for the Study of Latin America and the Caribbean. 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.

Institute for the Study of Latin America and the Caribbean (ISLAC)

Location/Phone: CPR 474, (813) 974-3547
Email: islacassistant@iac.usf.edu
Web Site: http://global.usf.edu/islac/

The mission of ISLAC is to promote the study of Latin America and the Caribbean, to further USF’s strategic plan for internationalization. ISLAC is an academic unit devoted to interdisciplinary research and teaching focused on economic, social, political and cultural formations in Latin America and the Caribbean and among the Hispanic/Latino populations in North America, framing these issues in the broader context of human security in the Americas. ISLAC has 50 affiliate faculty members who are drawn from a number of social science, humanities, arts, and human service fields, including, but not limited to, History, Languages and Literature, Humanities, Anthropology, Political Science, Sociology, Economics, Business, Geography, Public Administration, Fine Arts, Public Health, Education and Mental Health.

With the College of Arts and Sciences, ISLAC offers a Certificate in Latin America and Caribbean Studies, open to undergraduate students enrolled in any USF major and a Graduate Certificate in LACS, as well as USF students and non-degree seeking students who have already obtained a BA. ISLAC also offers a Graduate Certificate in Cuban Studies and a Masters of Arts (M.A.) in Latin America and Caribbean Studies. All ISLAC academic programs are interdisciplinary, flexible and applied.

ISLAC holds two Research Awards competitions for faculty and graduate students: one for the spring and one for the summer. This is a way to encourage and support research, conference participation and course development in all fields related to Latin America, Caribbean and Latino studies.

The Institute fosters greater knowledge of Latin America and the Caribbean, and Latino issues, through partnerships with community organizations and USF departments to sponsor lectures and cultural events that are open to the public throughout the year. ISLAC faculty and staff are engaged with USF administration to strengthen community ties and to advance the internationalization of USF programs, research, curricula, faculty and students.

Office of International Student and Scholar Services

Location/Phone: CPR 469, (813) 974-5102
Email: isssops@iac.usf.edu
Web Site: http://global.usf.edu/issss/

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

ISSS is the main administrative and advising office for over 1,400 international students and 150 visiting faculty members and researchers at USF. ISSS has many administrative duties, including the issuance and maintenance of all visa documentation for foreign nationals at the University. ISSS staff persons are experienced in cross-cultural counseling and crisis management in a cross-cultural setting. Services offered by ISSS include advising related to immigration matters, adjustment to life in the United States, culture shock, and other personal and academic issues. ISSS also offers programming such as employment workshops, international student orientations, town meetings and culture shock presentations. ISSS 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 ISSS, please call (813) 974-5102.

Study Abroad Office

Location/Phone: CPR 468, (813) 974-4314
Email: studyabroad@iac.usf.edu
Web Site: http://global.usf.edu/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 nearly every 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 year. 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 access the web site.
International Admissions

Location/Phone: CPR 478, (813) 974-8790
Fax: (813) 974-8044
E-mail: ia@iac.usf.edu
Website: http://global.usf.edu/admissions/

The Office of International Admissions assists prospective students who are not US citizens or Permanent Resident Aliens (aka Green Card holders) with learning about the opportunities available to them at the University. The office is responsible for processing international applications for admission for undergraduate, graduate and former students returning. Admissions also reviews transfer credit completed at other regionally accredited institutions or those overseas recognized by their countries accrediting body for determination of transferability.

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 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. Transcripts in a language other than English must be accompanied by a certified English translation.

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

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

1. An international applicant whose native language is not English must present a minimum score of 79 (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 alternative evidence of English language proficiency is presented in writing.
2. International applicants must be in good standing at the last institution attended.
3. International applicants must submit the USF Financial Statement substantiating availability of financial resources sufficient to cover all educational, maintenance, and personal expenses while attending USF, without financial assistance from the University.
4. International applicants seeking admission to limited access undergraduate degree programs must also meet all requirements specified by the program.
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/

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

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

Fees

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

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

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

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 meter stamped, or on or before the fifth day of the term. Checks are payable to USF. To avoid a $100.00 late payment fee, all tuition fees must be paid or postmarked by the U.S. Post Office, not office metered, by the fifth day of the term. The University cannot be responsible for lost or misdirected U.S. Postal mail. A student whose registration has been cancelled may request registration reinstatement through the fourth week of class for an academic term or until an approved 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://sis2.admin.usf.edu/issis2/search/search.asp) and on the OASIS website (http://usfonline.admin.usf.edu/).

a. Students who only register for a co-op assignment must pay a minimum of one (1) hour at the level of the co-op assignment.

b. Cashier’s Office Hours - Regular Registration - See regular registration dates and times in “Schedule of Classes.” Regular Cashier’s Office hours are Monday, Wednesday, Thursday, Friday from 9:00am - 5:00pm and Tuesday from 9:00am - 6:00pm,

c. Tuition fee payment: access the “Tuition Fees and Payments” option in OASIS at http://usfonline.admin.usf.edu/.

d. Off-Campus College of Education Courses

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

4. Late Registration Fee

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

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 each student’s 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 instruction during a single term. Certificates are valid for three years from the date of issuance.
Fees must be paid or postmarked by the U.S. Post Office (not office metered) 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 [http://usfweb2.usf.edu/usfpers/procedures/edasst/overview.htm.](http://usfweb2.usf.edu/usfpers/procedures/edasst/overview.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 amount (dollar value 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.

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

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

b. 25% of registration fees and tuition paid less building and capital improvement fees, will be refunded if notice of 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,

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.

Available to voluntary resident students and commuter students:

- **BULLBlock 50 + $315 Flex Dollars** $725.97
- **FlexiBULL 500** (receive $550) $500
- **FlexiBULL 300** (receive $330) $300
- All prices are for one semester only.

Available to all students (residents and commuters):

- **Unlimited Plan + $175 Flex Dollars** $1752.59
- **Any 15 Plan + $325 Flex Dollars** $1551.88
- **BULLBlock 150 + $175 Flex Dollars** $1380.86
- All prices are for one semester only.

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

**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. 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://usfonline.admin.usf.edu/](http://usfonline.admin.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/finaid](http://www.usf.edu/finaid) and via OASIS: [http://usfonline.admin.usf.edu/](http://usfonline.admin.usf.edu/).

Complete and submit the FAFSA online at [http://www.fafsa.ed.gov](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/](http://www.fastweb.com/) and check out USF’s scholarship information: [http://www.usf.edu/finaid/scholarships.html](http://www.usf.edu/finaid/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/finaid](http://www.usf.edu/finaid).

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 O 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 in the calculation if 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 financial representatives. Tampa (813) 974-4700; 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**

1. The USF Scholarship Office provides prospective and currently enrolled students with a central location to access scholarship information. It is a joint initiative of Academic Affairs, the Provost's Office and the University of South Florida Foundation. The Office administers a wide variety of privately-funded scholarships made possible through the generosity of many friends and alumni of the University. The Scholarship Office also manages the scholarship renewal process for students who have been awarded scholarships through the Undergraduate Admissions Office.

2. The Office of Undergraduate Admissions at the University of South Florida offers a number of first-time-in-college student scholarships based on academic merit to students planning to enter USF for the first time in the summer or fall semester. These scholarships are highly competitive. The criteria noted for the various scholarships are used as minimum starting points for consideration; meeting or exceeding the minimum requirements will not guarantee selection. 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.

3. The Office of Financial Aid administers Florida Bright Futures scholarships for USF students.

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.

**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](http://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](http://www.usf.edu/parking_services). Establish a parking services account and purchase your permit online. Parking permits may also be purchased at the following locations:
Do Visitors need a parking permit?

Yes. The daily parking fee is currently $4.00. 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 with a Bull Runner pass or USF ID.

Bull Runner

Bull Runner bus service is provided to USF faculty, staff, students and visitors from 7 a.m. until midnight, Monday through Thursday, and 7 a.m. to 5:30 p.m. on Friday. The C & D routes run Saturday and Sunday from 2:30 p.m. to 9:30 p.m. 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 or have a Bull Runner pass. The weekend routes (C & D) offer extended service to the USF Library, University Mall and various shopping locations. Check out our Web site at www.usf.edu/bullrunner for the most up to date information. Routes and schedules are subject to modification. Ride the Bull Runner and save time and money.

In addition to the Bull Runner, USF students may ride Hartline routes 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 Motorist Assistance Program (MAP) 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 Parking and Transportation Services.

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/vetserve for information on various programs/services, and VA rules and regulations. Under no circumstances will the VA pay benefits to a student taking a course by audit. It is the student’s responsibility to inquire concerning all VA rules and regulations and to report any change in number of registered hours, change of majors, or adding a double major 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 two weeks prior to the start of classes for a book and supplies voucher. The VA toll-free number is 1-888-442-4551.
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: (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 current registration or academic record.

Note: Each student must be aware of the University’s academic policies and procedures inssofar 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 registra-
tion, submit on a form, provided by the institution, a medi-

cal 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 im-
mune 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 immu-
nity.

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 con-
junctivitis, 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. Vacc-
cinations 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 insti-
tution who will be residing in on-campus housing shall provide
documentation of vaccinations against meningococcal meningi-
gitis 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 reg-
ister for classes at USF.

UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG
Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students register by appointment for the 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 re-admitted former students returning are required to participate in an orientation/academic advising program on the USF campus where they will take all or the majority of courses. Newly admitted students and re-admitted Former Students Returning receive Orientation/Academic Advising/Registration instructions from the USF Office of Orientation.

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

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

Academic Advising for Undergraduate Students

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

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

Orientation and Initial Advising

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

Advising for Limited Access Programs

Students are cautioned that admission to the University does not imply admission to all the programs and courses offered by the individual colleges; this is especially true with respect to colleges with limited access programs. Colleges such as Business, Education, Engineering, and Nursing have been designated as limited access colleges, and require completion of certain prerequisites before a student may declare a major in one of them. It is important that students check the college sections of the catalog for advising and admission requirements. Students planning to enter a limited access program should be aware that their admission by the college may be 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.

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 assigned to the Center for Academic Advising. Upper-level transfer students (entering the University with 60 semester hours or more) who meet the admission requirements of a major are assigned to the college of that major for advising.

Course Attendance at First Class Meeting

This policy has been put into effect so that USF may effectively utilize classroom space and to assure 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. 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: Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading, or study, individual research, thesis, dissertation, internship, practicums, etc.). Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.

General Attendance

Only officially registered students or students approved to audit a class are entitled to attend class. Students are responsible for being aware of all instructor-based and University
issued attendance policies and the requirements of the registrar for enrollment, drop/add and fee liability. Students are responsible for completing the academic requirements of each class as defined by the instructor and as set forth in any class syllabus. An instructor may make attendance mandatory and may impose penalties, including failing a class, for excessive absences. It is university policy that student absences will be excused for military duty, jury duty, and religious days (as set forth in University policy 10-045). Excused absences for other documented reasons may be allowed at the discretion of the instructor. Though excused, the student is responsible for completing all academic work, examinations, assignments and labs in a timely fashion.

**Jury Duty**

The University respects the need for all citizens to serve on a jury when called to duty. If a student serves as a juror, class absences will be considered excused when the student provides advance notice to the instructor, the instructor acknowledges the request, and the student provides written verification of jury selection and proof of service. It is important to note that excused absence only applies to physical presence, and not to the academic work missed. A student, though excused, is responsible for all academic work, examinations, assignments and labs if applicable. These issues are unique to University students and clearly may present undue hardship for a student to serve while enrolled in an active course of study.

Any potential student juror may notify the court of conflicts or undue hardship and request an excuse from service. The individual must make the decision as to whether jury service will present an undue hardship and then take the affirmative action to request to be excused from service and may need to provide a written explanation to the court. If a student does not request to be excused and is selected to serve, the student may miss a prolonged period of time resulting in the inability to complete the academic requirements of classes.

**Religious Days**

The university has an official Attendance Policy for the Observance of Religious Days (University policy 10-045) which provides that all students, faculty, and staff at the University have a right to expect that the University will reasonably accommodate their religious observances, practices and beliefs.

Students are expected to attend classes and take examinations as determined by the University. The University will, at the beginning of each academic term, provide written notice of the class schedule and formal examination periods. The university, through its faculty, will make every attempt to schedule required classes and examinations in view of customarily observed religious holidays of those religious groups or communities comprising the University's constituency. No student shall be compelled to attend class or sit for an examination at a day or time prohibited by his or her religious belief.

Students are expected to notify their instructors at the beginning of each academic term or as provided in the course syllabus if they intend to be absent for a class or announced examination, in accordance with this policy. Students absent for religious reasons will be given reasonable opportunities to make up any work missed in the event that a student is absent for religious reasons on a day when the instructor collects work for purposes of grading (homework, pop quiz, etc), the student shall be given a reasonable opportunity to make up such work or shall not have that work averaged into the student's grade at the discretion of the instructor. Any student who believes that he or she has been treated unfairly with regard to the above may seek review of a complaint through the established University Academic Grievance Procedures (found in the Graduate and Undergraduate Catalogs) and those provided by the University's Office of Diversity and Equal Opportunity.

**Adds**

After a student has completed his/her registration on the date assigned, he/she may add courses until the add deadline specified in the Academic Calendar. See the appropriate semester's University Schedule of Classes for detailed instructions and dates online at www.registrar.usf.edu/sssearch/search.php.

**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).

**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 for 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 address; (2) student ID number and full name; (3) name and complete address of recipient; and (4) number of copies and special instructions, such as, “hold for degree statement” or “hold for current term grades,” and the student’s signature. Degree statements are posted approximately four to six weeks after the graduation ceremony. Current term grades are posted approximately one week after the final exams end. If grades for the current term are needed, clearly indicate that the transcript request is to be held for grades.

To order transcripts by mail, send payment ($8.00 per copy, check or money order only) and Request Form or letter to:

- 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 6C-2.0021, Florida Administrative Code, students have the right to:

1. Inspect and review their education records
2. Privacy in their education records
3. Challenge the accuracy of their Education records
4. Report violations of FERPA to the FERPA Office, Department of Education, 400 Madison Avenue, SW, Washington, D.C. 20202 and/or bring actions in Florida Circuit Court for violations of Rule 6C-2.001, Florida Administrative Code.
5. Copies of the University's student records policy, USF Rule 6C-2.0021, may be obtained from

- Student Records Policy
- Office of the General Counsel
- 4202 Fowler Avenue
- Tampa, Florida 33620

Release of Student Information

Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the University releases 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, 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, 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, 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.
Confidentiality Policy

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

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

Academic Record

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

Administrative Holds

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

Student Information Changes

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

Semester System
USF operates on a semester system. Semesters begin in August and January with Summer Sessions beginning in May and 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 toward a specific degree and will assign equivalent courses (see Evaluation of Transfer of Credit under Admissions and Related Matters).
USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the associate of arts degree, or in certain prior-approved areas the associate of science degree, before transferring. Special details for students who do not plan to complete the associate degree requirements are available from the Office of Admissions. Also, all transfer students should refer to other entries about undergraduate transfers in the Admissions section of this catalog.

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

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

Declaration of Major
First-year students often enter the university undecided about their career plans and intended majors and that usually creates little difficulty for them. Many of the more than 90 majors at USF allow students considerable options in their early course choices. 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 major as juniors and to allow graduation on a timely basis.
It clearly is 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. 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.

The CLAST requirement is considered met for any student entering the university with an A.A. from a Florida public college or university or a baccalaureate degree from a regionally accredited or comparable international institution.

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 60 semester hours, the student may not register for classes until he/she has visited the following website: http://www.ugs.usf.edu/student/CLAST/index.htm. 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://www.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, MAC 1110 or higher, MAC 2233 or higher, 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. A maximum of four hours of credit earned through AP, IB, CLEP or other acceptable equivalency programs may be used toward qualification for each CLAST exemption.

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 coursework correlated to a specific subtest, but has failed to satisfy the CLAST requirement with a passing score or an exemption. After failing a CLAST subtest four times and successfully completing a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to the student’s college CLAST coordinator. 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 in 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., 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.

Note: The Gordon Rule communication and computation requirements are considered met for any student entering the university with an A.A. from a Florida public community college. Gordon Rule communication requirement is considered met for any student entering the university with 60 or more hours.

Communication (12 semester hours)

AFA 2000 Introduction to the Black Experience 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 4
AML 3604 African American Literature 3
AML 4303 Zora Neale Hurston: Major Works 3
AML 4624 Black Women Writers 3
AMS 3001 American Culture 1800-1915 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 4
ARH 4721C History of Printmaking 3
ARH 4724 History of Graphic Design 4
ARH 4800 Critical Studies In Art History 4
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<th>Course Code</th>
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<td>CHM 4070</td>
<td>Historical Perspectives in Chemistry</td>
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<td>CIS 4250</td>
<td>Ethical Issues And Professional Conduct</td>
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<td>CIS 4253</td>
<td>IT Ethics</td>
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<td>Women in Antiquity</td>
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<td>Greek Literature in Translation</td>
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<td>CLT 3123</td>
<td>Roman Literature in Translation</td>
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<td>COM 4020</td>
<td>Communicating Illness, Grief, and Loss</td>
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<td>COM 4030</td>
<td>Women and Communication</td>
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<td>COM 4710</td>
<td>Writing Lives</td>
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</tr>
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<td>Narration and Description</td>
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</tr>
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<td>Form and Technique of Fiction</td>
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</tr>
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<td>3</td>
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<td>Fiction II</td>
<td>3</td>
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<td>Introduction To Dance</td>
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<td>DAN 4134</td>
<td>Dance History Through the 19th Century</td>
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<td>EDF 3228</td>
<td>Human Behavior and Environmental Selection</td>
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<td>Literature in Early Childhood Education</td>
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<td>Narrative Perspectives on Exceptionality: Cultural and Ethical Issues</td>
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</tr>
<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
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<td>Composition I: Honors</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1122</td>
<td>Composition II: Honors</td>
<td>3</td>
</tr>
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<td>Technical Writing</td>
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<td>Communication for Engineers</td>
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</tr>
<tr>
<td>ENC 3250</td>
<td>Professional Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENC 3310</td>
<td>Expository Writing</td>
<td>3</td>
</tr>
<tr>
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<td>Film: The Language Of Vision</td>
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</tr>
<tr>
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<td>World Cinema</td>
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</tr>
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<td>FRT 3140</td>
<td>French Literary Masterpieces in English Translation</td>
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<td>Geography of Latin America</td>
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</tr>
<tr>
<td>GEA 3500</td>
<td>Geography of Europe</td>
<td>4</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Global Conservation</td>
<td>4</td>
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<td>4</td>
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<td>HUM 4931</td>
<td>Seminar in Humanities</td>
<td>4</td>
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<tr>
<td>IDS 3115</td>
<td>Values and Choices</td>
<td>3</td>
</tr>
<tr>
<td>IDS 3663</td>
<td>Critical Issues Affecting the Arts</td>
<td>3</td>
</tr>
<tr>
<td>IDS 3668</td>
<td>Images of Contemporary Urban Culture</td>
<td>3</td>
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<tr>
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<td>3</td>
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<td>LAE 4416</td>
<td>Teaching Literature in the Elementary Grades</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4464</td>
<td>Adolescent Literature for Middle and Secondary Students</td>
<td>3</td>
</tr>
<tr>
<td>LIN 3801</td>
<td>Language and Meaning</td>
<td>3</td>
</tr>
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<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
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<td>Introduction to Fiction</td>
<td>3</td>
</tr>
<tr>
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<td>Introduction to Poetry</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2040</td>
<td>Introduction to Drama</td>
<td>3</td>
</tr>
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<td>Literature of the Western World Through the Renaissance</td>
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</tr>
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<td>LIT 3012</td>
<td>Literature of the Western World Since the Renaissance</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3103</td>
<td>Great Literature of the World</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3144</td>
<td>Modern European Novel</td>
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<td>Modern Literature</td>
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</tr>
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<td>Cultural Studies and the Popular Arts</td>
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</tr>
<tr>
<td>LIT 3383</td>
<td>The Image of Women in Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3451</td>
<td>Literature and the Occult</td>
<td>3</td>
</tr>
<tr>
<td>LIT 4386</td>
<td>British and American Literature by Women</td>
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<td>Introduction To Music Literature</td>
<td>3</td>
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<tr>
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<td>Theoretical Foundations and Professional Role Development</td>
<td>3</td>
</tr>
<tr>
<td>NGR 6135</td>
<td>Ethical, Legal, and Policy Issues in Advanced Nursing Practice</td>
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</tr>
<tr>
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<td>An Interdisciplinary Perspective in HIV Disease</td>
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</tr>
<tr>
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<td>Substance Abuse Across the Lifespan</td>
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</tr>
<tr>
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<td>PET 4933</td>
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</tr>
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<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
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<td>PHH 4600</td>
<td>Contemporary Philosophy</td>
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</tr>
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<td>American Philosophy</td>
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</tr>
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<td>Science and Society</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3790</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4303</td>
<td>Theory of Knowledge</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4320</td>
<td>Philosophy of Mind</td>
<td>3</td>
</tr>
<tr>
<td>PHI 4800</td>
<td>Aesthetics</td>
<td>3</td>
</tr>
<tr>
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<td>Social Philosophy</td>
<td>3</td>
</tr>
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<td>Modern Political Philosophy</td>
<td>3</td>
</tr>
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<td>3</td>
</tr>
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<td>Existentialism</td>
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</tr>
<tr>
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<td>Plato</td>
<td>3</td>
</tr>
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<td>PHP 4010</td>
<td>Aristotle</td>
<td>3</td>
</tr>
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<td>PHP 4740</td>
<td>The Rationalists</td>
<td>3</td>
</tr>
<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>
</tr>
<tr>
<td>PHP 4788</td>
<td>Philosophy of Marxism</td>
<td>3</td>
</tr>
<tr>
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<td>Great Themes in Physics</td>
<td>3</td>
</tr>
<tr>
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<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>
</tr>
<tr>
<td>PUP 4323</td>
<td>Women and Politics</td>
<td>3</td>
</tr>
<tr>
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<td>The Religious Quest in Contemporary Films</td>
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</tr>
<tr>
<td>REL 3113</td>
<td>Comedy, Tragedy, and Religion</td>
<td>3</td>
</tr>
<tr>
<td>REL 3145</td>
<td>Women and Religion</td>
<td>3</td>
</tr>
<tr>
<td>REL 3170</td>
<td>Religion, Ethics and Society Through Film</td>
<td>4</td>
</tr>
<tr>
<td>REL 3308</td>
<td>World Religions</td>
<td>3</td>
</tr>
<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>
</tr>
<tr>
<td>REL 3500</td>
<td>History of Christianity</td>
<td>4</td>
</tr>
<tr>
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<td>Roman Catholicism</td>
<td>3</td>
</tr>
<tr>
<td>REL 3602</td>
<td>Classics of Judaism</td>
<td>3</td>
</tr>
<tr>
<td>REL 3607</td>
<td>Introduction to Judaism</td>
<td>3</td>
</tr>
<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>
</tr>
<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>4</td>
</tr>
<tr>
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<td>Russian Civilization</td>
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</tr>
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<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>SCE 4863</td>
<td>Science, Technology, Society Interaction</td>
<td>4</td>
</tr>
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<td>Group Communication</td>
<td>3</td>
</tr>
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<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>
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<td>Qualitative Inquiry</td>
<td>4</td>
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<td>Latina Lives</td>
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</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.

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

**Grades, Scholarship Requirements, and Review Procedures**

The University is interested in each student making reasonable progress towards his/her educational goals and will aid each student through guidance and faculty advising. To make students aware of their academic progress, the University has enacted a system of grading and policies of Academic Probation and Academic Dismissal that indicates whether or not a student is showing sufficient progress toward meeting degree requirements. Notations of Grades, Academic Probation and Academic Dismissal are posted to the student's academic record.

When a student is academically dismissed from the University and is ineligible to re-enroll, it may be in his/her best interest to re-evaluate his/her educational goals with an academic advisor in his/her college. If the student’s poor academic performance has resulted from extenuating circumstances or if after a period of time the student feels he/she has gained adequate maturity and motivation, he/she may petition the Academic Regulations Committee for permission to re-enroll. See "Academic Regulations Committee," for information on petitioning.

**Grading System**

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

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

**Plus/minus Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>Excellent performance</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>Good performance</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>Average performance</td>
<td>2.67</td>
</tr>
<tr>
<td>B</td>
<td>Average performance</td>
<td>2.33</td>
</tr>
<tr>
<td>C+</td>
<td>Poor performance</td>
<td>1.67</td>
</tr>
<tr>
<td>C</td>
<td>Poor performance</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>Failure</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>Failure</td>
<td>0.67</td>
</tr>
</tbody>
</table>

**Other Grades**

E Course repeated, not included in GPA
FF Failure/academic dishonesty

I Incomplete
IU Incomplete 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 an "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 forgivness 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 dismiss-ed. Students are not required to re-register for courses in which they are only completing previous course requirements to change an “I” grade. However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

**“M” Grade Policy**

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

S/U Grade System

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

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

Mechanism for Assigning S/U Grades. The method by which a student receives an "S" or "U" grade in an option course will consist of the following:
1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he/she wishes to take the course on an S/U basis.
2. The instructor shall assign final letter grades A, B, C, D, F, or I, but will transmit to the Registrar "S" or "U" consistent with the following:
   a. Letter grade, A, B, C, or D- shall be equivalent to a letter grade of "S."
   b. Letter grades D or F shall be equivalent to a letter grade of "U." "S" and "U" grades are not computed in the student's GPA.

Grade Forgiveness Policy

USF's forgiveness policy permits an undergraduate to repeat a course and have the repeated grade computed in his/her GPA in place of the original grade, providing the repeat grade is "D" or higher (exception - see Honors at Graduation). A course that is repeated and the repeat is an "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.

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 from all classes after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation unless the student withdrawal is based on extenuating circumstances and the withdrawal is approved. Any student who withdraws from all classes 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 unless the student withdrawal is based on extenuating circumstances and the withdrawal is approved.

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.

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 might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for 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 attended subsequent to the USF academic dismissal or probation. Further, students who exercise the Academic Renewal policy will not be allowed to use any credit earned during the academic terms from which courses are dropped from grade-point-average consideration toward meeting degree requirements at the University and they may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

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.

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.

Academic Renewal policies 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.

- 0C-Unclassified
- 1F Freshman 0 through 29 semester hours passed
- 2S Sophomore 30 through 59 semester hours passed
- 3J Junior 60 through 89 semester hours passed
- 4R Senior 90 or more semester hours passed

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

Admission to a College

All newly-admitted students must be advised initially by an academic advisor. All undeclared students are assigned to the Transitional Advising Center for the purpose of advising until a...
choice of major is made. At that time, he/she may be coded into a college containing the major department. Undeclared FTIC and lower-level transfer students must choose a major or college-based pre-major before registering for more than 36 semester hours. New upper-level transfer students who are undeclared must choose a major before registering for more than 75 semester hours.

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.

To petition the committee, completed forms should be submitted to the respective College Advising Office for ARC committee review. In some cases, a consultation with an ARC representative is required. Students may contact their ARC representative for details regarding their submission. The appropriate forms may be obtained from the following Office of the Registrar at http://www.registrar.usf.edu/data_display.php?link_type=Forms or from their academic advising office. Students will receive notification of the committee’s decision by mail.

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 that 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.
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 in-

"Dean" shall mean a College Dean, the Dean of Undergraduate Studies, 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 extension shall be documented 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 shall 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 the decision or action 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 statement to that effect to 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.

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 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 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 any written request to move 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.

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.

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. Whenever practical, the Committee shall include neither members of the faculty nor students of the department directly involved with the grievance, nor faculty or 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 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 Dean of Undergraduate Studies or 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 in-
Disruption of Academic Process

Procedures for Alleged Academic Dishonesty or Alleged Disruption of Academic Process

Alleged violations of academic dishonesty or alleged disruption 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 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 or teaching environment is also unacceptable. This cannot be tolerated in the University community and will be punished, 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 [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) states that the root of the word comes from the Latin word meaning ‘kidnapping.’ [Paraphrasing; complete information about source will be cited in a section at the close of the text.]
   b. Shaw (1972) was correct when he stated that “plagiarism, from a Latin word meaning ‘kidnapping,’ ranges from inept paraphrasing to outright theft.” [Quotation; complete information about source will be cited in a section at the close of the text.]
   c. Plagiarism.org suggests that a searchable database of papers might assay 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 or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test; (b) asking another person to take an examination in his/her place; (c) taking an examination for or in place of another student; (d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one’s own; (e) stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, other graded assignments, etc. (f) Stealing or copying of computer programs and presenting them as one’s own. Such stealing includes the use of another student’s program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

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 receiving a bachelor’s or associate’s degree, or any other degree, unless the student is reinstated in the course. 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 if forbidden on exam, etc., during the course of a classroom test to assist the student or other students, the student using such prohibited device may receive an “F” or “FF” in the course.

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

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

e. It is suggested that students who 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) diverts 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. 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 these requirements.

The requirements are distributed as follows:

<table>
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<tr>
<th>General Education Requirements*</th>
<th>Sem. Hours</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
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<td>Quantitative Methods</td>
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<td>Natural Sciences</td>
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<td>Fine Arts</td>
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<td>African, Latin American, Middle Eastern or Asian Perspectives</td>
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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.

All students must achieve an overall average of "C" (2.0 GPA) in the lower level requirements and a grade of "C-" or better in each of the exit requirement courses.

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**LIBERAL ARTS GENERAL EDUCATION COURSE REQUIREMENTS**

(36 Semester Hours)

**English Composition:** This requirement consists of a minimum of six (6) semester hours of approved coursework 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. The courses in the list below may be used to satisfy the General Education Quantitative Methods requirement. At least one course must have either an MAC or an MGF prefix. The other course may be any course in the list. To satisfy the Gordon Rule, students must earn a letter grade of "C-" or better in each of these courses.

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

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

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

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

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

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

All courses listed are certified as meeting the General Education requirement as of November, 2005. Additional courses may have been certified since that date. Please consult with an academic advisor for current and additional information.

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**LIBERAL ARTS GENERAL EDUCATION REQUIREMENT**

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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 prepared to reflect upon ethical issues in a constructive way. Students graduating from the College of Education or the College of Engineering may be required to complete only six hours (two exit courses) and should consult with their advisors regarding exceptions to this requirement. Students seeking second baccalaureate degrees (those coded as 5B) are exempt from the liberal arts exit requirements.

Students will take at least one of the Liberal Arts Exit courses outside their disciplinary cluster(s). For purposes of this policy, the term "discipline" refers to the following fields: business, education, engineering, fine arts, health sciences, letters, natural sciences, and social sciences (See list below of "Outside the Disciplinary Cluster" Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student's major discipline(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. Exit requirements must be 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. All students must achieve an overall average of "C" (2.0 GPA) in the lower level requirements and a grade of "C-" or better in each of the exit requirement courses.

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 3246. Students graduating from the College of Nursing are permitted to graduate with six credits of Liberal Arts Exit courses, both of which may be Major Works/Issues courses within the College.

Major Works and Major Issues (6 credit hours required):
A portion of the exit requirements consists of a minimum of six (6) semester hours of approved coursework concerning major works and major issues. Courses will focus on major issues, dominant, 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.

All students must achieve an overall average of "C" (2.0 GPA) in the lower level requirements and a grade of "C-" or better in each of the exit requirement courses.

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 dimen-
sions of values and ethics, international and environmental
perspectives, race and ethnicity, and gender.
All students must achieve an average grade of "C" (2.0 GPA)
in the lower level requirements and a grade of "C-" or better in
each of the exit requirement courses.
Although post-secondary foreign language courses may not
be required for all graduates, students are encouraged to
become competent in at least one foreign language. Foreign
language study enriches the command of English, enlarges
cultural perspective, and enhances learning skills.
All courses listed are certified as meeting the Exit require-
ment 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>The African Diaspora: Blacks in the Construction of the Americas</td>
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<td>Black Women in America -6A</td>
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<td>Slavery in the Americas and the Caribbean</td>
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<td>Middle Passage</td>
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<td>Zora Neale Hurston: Major Works -6A</td>
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<td>Major Ideas in America</td>
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<td>Fantastic Archaeology</td>
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<td>Historical Archaeology -6A</td>
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<td>Magic and Religion -6A</td>
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<td>ANT 4302</td>
<td>Gender in Cross-Cultural Perspective</td>
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<td>ANT 4316</td>
<td>Ethnic Diversity in the United States</td>
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<td>The Caribbean -6A</td>
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<td>Exploring Cross-Cultural Diversity</td>
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<td>The Individual and Culture -6A</td>
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<td>ARC 4784</td>
<td>The City -6A</td>
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<td>Environmental Issues</td>
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<td>Seminar in Criminology -6A</td>
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<td>Capstone Structural/Geotechnical/ Material Design</td>
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<td>Professional and Ethical Issues in Engineering</td>
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<td>Historical Perspectives in Chemistry -6A</td>
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<td>Ethical Issues And Professional Conduct -6A</td>
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<td>IT Ethics -6A</td>
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<td>Greek Literature in Translation -6A</td>
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<td>Roman Literature in Translation -6A</td>
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<td>Women and Communication -6A</td>
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<td>3</td>
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<td>DAN 4135</td>
<td>20th Century Dance</td>
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<td>Product and Process Design</td>
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<td>International Economics</td>
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<td>ECO 4323</td>
<td>Radical Political Economy</td>
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<td>Economics of Women and Work</td>
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<td>ECP 3302</td>
<td>Environmental Economics</td>
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<td>Economics of the Urban Environment</td>
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<td>Comparative Economic Systems</td>
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<td>Economics of Latin America</td>
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<td>Human Behavior and Environmental Selection -6A</td>
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<td>History of Education in the United States</td>
<td>3</td>
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<td>Social Foundations of Education</td>
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<td>Electromagnetics</td>
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<td>Professional Issues and Engineering Design</td>
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<td>Technology and Society</td>
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<td>Geology and Development of Modern Africa</td>
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<td>EVR 4027</td>
<td>Wetland Environments</td>
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<td>Equity in Schools and the Workplace -6A</td>
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<td>The Francophone World</td>
<td>3</td>
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<td>African Images in Francophone Film</td>
<td>3</td>
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<td>FRT 3001</td>
<td>Great French Love Stories in Translation</td>
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<td>French Literary Masterpieces in English -6A</td>
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<td>The French Novel</td>
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<td>Global Conservation -6A</td>
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<td>Political Geography</td>
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<td>Topics in Urban Geography</td>
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<td>German Literature in English Translation</td>
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<td>Fantastic Films of Early German Cinema</td>
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<td>German Popular Film</td>
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<td>New German Cinema to Present</td>
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<td>Health Care Operations</td>
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<td>Business Management in an Aging Society</td>
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<td>Theories and Arguments about the Earth</td>
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<td>War and Society</td>
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<td>HIS 3938</td>
<td>Major Issues in History</td>
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<td>HIS 4936</td>
<td>Pro-Seminar in History -6A</td>
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<td>Major Issues in the Humanities</td>
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<td>Values and Choices -6A</td>
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<td>IDS 3186</td>
<td>Scientific and Ethical Dimensions of Human Disease</td>
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<td>World Ideologies</td>
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<td>International Political Cultures</td>
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<td>International Human Rights</td>
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<td>Africa in World Affairs</td>
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<td>Senior Seminar</td>
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<td>Seminar in the Social Sciences</td>
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<td>Great Literature of the World -6A</td>
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<td>Modern Literature -6A</td>
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<td>Cultural Studies and the Popular Arts -6A</td>
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<td>The Bible As Literature</td>
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<td>The Image of Women in Literature -6A</td>
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<td>Literature and the Occult -6A</td>
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<td>British and American Literature by Women -6A</td>
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<td>Literature as Cultural Study</td>
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<td>The History of Modern Mathematics</td>
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<td>Human Relations Skills in Counseling</td>
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<td>Music History/Baroque And Classic</td>
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<td>Music History/Romantic And 20th Century</td>
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<td>Intercultural Music In The Twentieth Century</td>
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<td>Theoretical Foundations and Professional Role Developmen-6A</td>
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<td>Ethical, Legal, and Policy Issues in Advanced Nursing Practice -6A</td>
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<td>NUR 3826</td>
<td>Ethical Legal Aspects in Nursing and Health Care</td>
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<td>Introduction to Nursing Humanities</td>
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<td>Complimentary and Alternative Therapies</td>
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<td>An Interdisciplinary Perspective in HIV Disease -6A</td>
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<td>NUR 4195</td>
<td>Issues in Advanced Illness, Dying and Death</td>
<td>3</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>Community/Public Health: Population-Focused Nursing</td>
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<td>Substance Abuse Across the Lifespan</td>
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<td>Nonprofit Organizations and Public Policy</td>
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<td>Issues in Sport</td>
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<td>Contemporary Political Philosophy</td>
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<td>American Philosophy</td>
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<tr>
<td>PHI 4073</td>
<td>African Philosophy</td>
<td>3</td>
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<td>PHI 4300</td>
<td>Theory of Knowledge</td>
<td>3</td>
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<td>Philosophy of Mind</td>
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<td>Aesthetics</td>
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<td>Major Black Thinkers</td>
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<td>PHY 4000</td>
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<td>The Rationalists</td>
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<td>The Empiricists</td>
<td>3</td>
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<td>PHY 4788</td>
<td>Philosophy of Marxism</td>
<td>3</td>
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<td>PHY 4031</td>
<td>Great Themes in Physics</td>
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<td>POS 4694</td>
<td>Women and Law II</td>
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<td>POT 4661</td>
<td>The Politics of Identity, Difference and Inequality</td>
<td>3</td>
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<td>Women and Politics</td>
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<td>Comedy, Tragedy, and Religion</td>
<td>3</td>
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<td>REL 3146</td>
<td>Womanist Vision in Religion</td>
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<td>REL 3191</td>
<td>Life After Death</td>
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<td>Biblical Archaeology</td>
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<td>REL 3303</td>
<td>Comparative Religion: Judaism and Islam</td>
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<td>Issues in Caribbean Religions</td>
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<td>Religion and the Meaning of Life</td>
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<td>Roman Catholicism</td>
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<td>Classics of Judaism</td>
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<tr>
<td>REL 3613</td>
<td>Modern Judaism</td>
<td>3</td>
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<td>The Hero and Religion</td>
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<td>Comparative Religious Ethics</td>
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<td>REL 4215</td>
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<td>Who Wrote the Bible (Genesis-Kings)</td>
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<td>Women and the Bible</td>
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<td>REL 4626</td>
<td>Reason in Religion: Talmud Logic</td>
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<td>Judaism and Christianity After the Holocaust</td>
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<td>Russian Civilization</td>
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<td>Russian Classics in English</td>
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<td>Twentieth-Century Russian Literature in English</td>
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<td>Science, Technology, Society Interaction</td>
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<td>Oral Tradition</td>
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<td>Communication, Culture and Community</td>
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<td>SSE 4380</td>
<td>Global And Multicultural Perspectives in Education</td>
<td>3</td>
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<td>SYA 4935</td>
<td>Senior Seminar</td>
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</tr>
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<td>SYO 4430</td>
<td>Disability and Society</td>
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<td>Consumer Culture</td>
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**LITERATURE AND WRITING**

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<td>AML 4624</td>
<td>Black Women Writers</td>
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<td>WST 4262</td>
<td>Literature by Women of Color in the Diaspora</td>
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</table>
“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 and Policy
- 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
- (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

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
- Early Childhood Education
- Elementary Education
- English Education
- Foreign Languages
- Education
- Mathematics Education

Disciplinary Cluster 8: Nursing

Freshman English Requirement

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

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

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

Credit by Examination

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

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.

In recognition that students seeking a second Bachelor's degree have completed a rigorous program of study at a regionally accredited or comparable international institution, some graduation requirements are considered met by virtue of their previous degree. These include: CLAST, Gordon Rule, Summer Enrollment, the Foreign Language Entrance Requirement, General Education and the Exit Requirements. Each degree program will determine degree applicability of transfer courses for the major.

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 attending 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

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

Students are exempt from the summer requirement provided they have earned 9 or more credits from one of the acceleration mechanisms listed below prior to matriculation at an SUS institution. There is no provision for partial credit that would allow students to complete in summer enrollment only the difference in credits between the required 9 semester hours and the number of credits less than 9 that they completed prior to matriculation. (Approved acceleration mechanisms include: Advanced Placement, International Baccalaureate, Dual Credit, Early Admission, Advanced International Certificate of Education, and credit from the Florida Virtual School.

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida, Florida Agricultural and Mechanical University, Florida Atlantic University, Florida Gulf Coast University, Florida International University, Florida State University, New College of Florida. University of Central Florida, University of Florida, University of Florida Atlantic University, Florida Gulf Coast University, Florida International University, University of West Florida.

Foreign Language Placement

Students with two or more years of study in a foreign language in high school or with postsecondary study (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 the Division of Languages and Linguistics. Should the placement examination indicate that remedial work is required (1120-1121), the student will be allowed to enroll with the understanding that the grade eventually earned will be either an "S" or "U." Under no circumstances will a student who places above the first year level or who passes a higher-level course be allowed to register for or receive credit for a lower-level course in that specific language. Students to whom this regulation applies should inquire of the Division of Modern Languages and Linguistics for the placement examination.

Academic Residence

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

Exceptions to the above 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.

College of Arts and Sciences:

African Studies (AFA) (B.A.)
American Studies (AMS) (B.A.)
Anthropology (ANT) (B.A.)
Biology (BIO) (B.S.)
Cell & Molecular (CAM) (B.S.)
Ecology (ECL) (B.S.)
Environmental Chemistry (CHV) (B.A.)
Biochemistry (CBY) (B.A.)
Biomedical Sciences (BMS) (B.S.)
Chemistry (CHM) (B.A.)
Chemistry (CHS) (B.S.)
Chemical Engineering (CHE) (B.S.)
Biochemistry (CBY) (B.A.)
Environmental Chemistry (CHV) (B.S.)
Classics - Latin/Greek (CLS) (B.A.)
Communication (SPE) (B.A.)
Interpersonal & Organizational (SIO) (B.A.)
Performance (SPM) (B.A.)
Public & Cultural (SPL) (B.A.)
Communication Sciences and Disorders (CSD) (B.A.)

Foreign Language Placement

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:

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

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

American Sign Language

Approval needed by the student’s program/department major. The following programs accept Sign Language Competency for the exit requirement: African Studies, American Studies, Anthropology, Chemistry, Communication, Communication Sciences and Disorders, Criminology, Economics, Gerontology, History, Interdisciplinary Social Sciences, Mass Communications, Political Science, Psychology, Religious Studies, Sociology, 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 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.
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<td>Speech/Language/Hearing (LSH)</td>
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### 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 (ITB) 
- Management Information Systems (ISM)
- Management (MAN)
- Marketing (MKT)

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

### College of Engineering:  
- Chemical Engineering (ECH) 
- Civil Engineering (ECE) 
- Environmental (ENV) 
- Computer Engineering (EC) 
- Computer Information Systems (EIS) 
- Computer Science (BCS) 
- Electrical Engineering (EEL) 
- Engineering, General (EGU) 
- Industrial Engineering (EIE) 
- Mechanical Engineering (EME)

### College of Nursing (B.S.):  
- Nursing (NUR) 
- Nursing (Registered Nurse) (NRN) 
- Nursing (Accelerated from bachelor degrees in other fields) (SBN)

### Undergraduate Studies  
- Applied Science (APS) 
- American Sign Language (ASG) 
- Behavioral Healthcare (ABH) 
- Business Administration (ABU) 
- Criminal Justice (ACJ) 
- Early Childhood Development (AEC) 
- Environmental Policy (AEP) 
- Gerontology (AGR) 
- Hospitality Management (AHG) 
- Industrial Operations (AIO) 
- Information Technology (ATC) 
- Public Administration (APU) 
- Public Health (APL) 
- Urban Studies (AUR) 
- Hospitality Management (HMA) 
- Information Technology (ITC)

### College of Visual and Performing Arts:  
- Art (ART) 
- Art History (AHM) 
- Art Studio (ARS) 
- Art (ARB) 
- Art Studio (ARS) 
- Graphic Design (AGD) 
- Art History (AHM) 
- Dance (DAN) 
- Ballet (DAB) 
- Modern (DAM) 
- Dance Studies (DAS) 
- Music (MUS) 
- Composition (MUC) 
- Electronic Music (EMU) 
- Jazz Composition (MJC)
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 may not have a major and a minor in the same program. Department 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 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

Education:

- Educational Foundations & Research

Engineering:

- Biomedical Engineering

Louis de la Parte Florida Mental Health Institute

- Behavioral Healthcare

College of Public Health

- General Public Health

Undergraduate Studies:

- Aerospace Studies
- Hotel Management
- Information Technology - General
- Information Technology - Technical
- Leadership Studies
- Military Leadership
- Naval Science and Leadership
- Restaurant Management

Visual and Performing Arts:

- Art
- Art History
- Dance
- 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 pro-
Availability of a Baccalaureate Degree for Students Enrolled in or Graduated from a Five-year Master’s Program

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

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

Application for Graduation

In order to graduate, a student must submit an application for the bachelor’s degree or Associate in 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. The application for the bachelor’s degree is available from the student’s college advising office. The application for an Associate in Arts degree is available from the Center for Academic Advising in Academic Support and Achievement. The application must first be certified (signed or stamped in the section, “Office Use Only”) by the student’s college (Center for Academic Advising for the A.A. certificate). The college retains one copy, and the student must submit the remaining copies to the Office of the Registrar prior to the graduation application deadline. Inquiries concerning approval or denial of graduation should be made to the appropriate college or to the Center for Academic Advising in Academic Support and Achievement.

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

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

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

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

Repeat Course Work

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

Double Undergraduate Major

Students may elect to graduate with two majors. In that event, they must apply independently to each college and be assigned an advisor in each discipline. The student must meet all requirements of each major separately and must be certified for graduation by the appropriate dean(s).

Second Undergraduate Major

A student who wishes to work for a second major, after receipt of a baccalaureate degree, must apply through the Office of Admissions and meet the major requirements as determined by the college. (Exceptions to this rule are students who had been previously accepted for a “Double Undergraduate Major” but graduated with only one major.) After acceptance by the appropriate college and proof of completion, the student’s “permanent academic record” will be posted accordingly.*

*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 Students)

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

Second Baccalaureate Degree (Transfer Students)

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

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

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

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

Procedures for Award of Posthumous Degrees or Degrees in Memoriam

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

Diplomas for posthumous degrees will be identical to other degrees awarded in the same colleges and majors. Diplomas for Degrees in Memoriam will be prepared to read “Bachelor of Arts in Memoriam, Bachelor of Science in Memoriam,” “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 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 and other institutions and plus/minus grade systems and 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 the basis of exceptional achievement 1% of the college’s graduates or 1 student per semester for graduation 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 (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.

Certification Requirements

Associate in Arts

Upon the student’s successful completion of the minimum requirements for the Associate in Arts Certificate, the University will present the student who has properly made application with an appropriate certificate.

1. To receive the Associate in 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 in 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 in Arts Certificate.

2. Application Procedure for the Associate in Arts Certificate. The Application for an Associate in 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 in Arts certificate must be awarded prior to the term that the student becomes eligible for the baccalaureate degree.

4. Final processing for the Associate in 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 in Arts Certificate.

5. Any incomplete grades shown on the permanent record of an Associate in 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 in 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 in 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 in 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 in 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 in 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 in 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.

TRANSPORT 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 ACT, SAT, CPT, GRE, MCAT, LSAT, FTCE, FELE, PRAXIS and TOEFL.
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 (APT) is available.
3. College Level Academic Skills Test (CLAST): This office administers the Florida Department of Education CLAST. Students should review their coursework plans with an academic advisor to evaluate options for exempting parts of the CLAST Exam. Also see CLAST detail information on page.

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.

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 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 web site 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.

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

COLLEGE REACH-OUT PROGRAM
Location/Phone: HMS 497 or 499, (813) 974-3713
College Reach-Out is an academic program designed for low-income and educationally disadvantaged 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, HMS 497 or 499, USF or mailed to USF at HMS 413.

UPWARD BOUND
Location/Phone: HMS 469, (813) 974-2802
Upward Bound is a pre-college program for students from low-income families who have academic potential but who have inadequate secondary school preparation or have not achieved success in school.
Its purposes are to assist these students in developing goals, improving academic skills, and providing the motivation necessary to achieve success in a college or post-secondary program. To qualify, the applicant must meet the following criteria:
1. Family income must meet federal guidelines.
2. Applicant should be a potential first-generation college student.
3. Student must have completed the 9th grade and be enrolled in the 10th or 11th grade in an accredited high school.
4. GPA must be 2.3 (“C”) or above in basic pre-college courses.
6. Attend the six-week summer residential component on the USF Tampa Campus.
Applications should be forwarded to Director, Project Upward Bound, USF, HMS 499, or mailed to USF at HMS 413.
Students taking a course by independent study must register for status as those acquired through regular class attendance.

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 teacher 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 a 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

The cost of the program is $3,655.00 per semester, including a health fee, an activity fee, and a non-refundable application fee.

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 standing as those earned 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

The Community Experiential Learning (CEL) Program offers students the opportunity to explore the relationship between their classroom learning and the broader community. With faculty guidance, students design their own community experiences and receive between one and four academic credit(s) upon completion. Students may choose to work as an intern with a community organization/agency or to explore a community issue through independent research. The community can be as close as a neighborhood just beyond the campus or on the other side of the world.

Students may participate in the CEL Program anytime during their academic career. Good standing at the University and a 2.0 GPA is required for acceptance into the Program. CEL courses are offered throughout the entire year. Ideally students should plan their CEL projects during the term prior to their implementation, but they can be added at any time during the term. Information may be obtained from Robin Jones in NES 305, (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 valued toward a diploma or degree.

For more information, please contact: Department of Correspondence Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609; (352) 392-1711, or toll free at (800) 327-4218; or e-mail: learn@doce.ufl.edu. Be sure to check out the home page: http://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 state-wide articulation agreement and of USF transfer student policies, such as academic renewal and full acceptance of the Associate of Arts degree.
THE WASHINGTON CENTER INTERNSHIP PROGRAM

Location/Phone/Email: NES 305, (813) 974-8452, jones@chuma1.cas.usf.edu

All USF undergraduates seeking to live and learn in the nation's capital are eligible to apply for the Washington Center Internship Program. Students participate in either the fall, spring or summer semesters and can earn course credit. Study at TWC consists of two major components: (1) working 35 hours per week at your selected internship, and (2) taking one seminar that meets once per week. Opportunities for internships are not limited to government positions, but include a vast array of nonprofit and for-profit options.

In conjunction with The Washington Center located in Washington, D.C., students are housed in a conveniently located apartment complex within walking distance to public transportation (the Metro). The Washington Center also provides a student lecture series and a number of special events (e.g., breakfast with members of Congress, cultural events at the Kennedy Center). The costs of the program vary depending upon date of attendance. Generous scholarships are available.

Applications for the program can be obtained in the Community Initiative, SOC 346. For details on The Washington Center Internship Program, please contact Robin Jones, Faculty Liaison for TWC Internship Program, 4202 East Fowler Avenue, BEH 211, Tampa, FL 33620-8100.

Academic Services and Support

EDUCATIONAL OUTREACH

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 Continuing Education provides the following noncredit programs and services:

- Short courses for professional and personal development and computer applications training (Professional & Workforce Development)
- Cultural, computer and personal enrichment courses for senior adults (Osher Lifelong Institute at USF, OLLI)
- Conference and event management (Conference Management Services)
- Meeting, training and computer lab room rentals (USF Downtown Center)
- Testing Services - administration of paper and pencil, and computer based tests for Educational Testing Services (GRE, GMAT, TOEFL, etc.), Credit for Life Experience Program (CLEP), Florida Teachers Certification examinations (FTCE and FELE) as well as other professional certification programs.

For more information, please visit our website at http://www.outreach.usf.edu/conted or call (813) 974-5201.

Metro Initiatives (USF4YOU)

USF4YOU is a new initiative of the University of South Florida that offers a variety of services and seeks to increase access to educational programs designed for working adults. Through USF4YOU, the public can learn about USF's graduate certificates, professional master's degrees, online/distance education, alternative calendar programs, bachelor's degree completion options and non-credit education opportunities. USF4YOU also provides prospective students referrals to traditional undergraduate and graduate advisors.

Phone Toll Free: 1-888-873-4968
Phone Local: (813) 974-2827
Fax: (813) 974-7061
Location: SVC 1072
E-mail: USF4YOU@admin.usf.edu
Web: http://www.usf4you.org/

The USF Library System

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

Tampa Library: (813) 974-2725 (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

All six libraries within the USF Library System contain over 2.2 million volumes, 30,000 serial titles, most in electronic format, and 75,000 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 histories. Beyond content, there is online access to numerous library services such as interlibrary loan, the ability to renew materials, and reference assistance requests via the library website.

The Library catalog, also available online, may be searched by author, title, subject, and keyword to identify the libraries' holdings. The Library website also has links to other catalogs of libraries within the state and worldwide. Workstations located in various USF libraries provide access to the online catalog as well as a vast array of electronic resources.

The USF libraries can obtain materials from each campus, SUS and other libraries upon request. Students, staff and faculty can have access to resources by requesting material using online forms found at the USF Library System homepage at 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.
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 collections, to master the techniques of using them, regardless of format, and to achieve a familiarity with information resources that will become lifelong learning skills.

The Tampa Library is a collection of approximately 1.8 million volumes, 10,500 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 in 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. Reference librarians teach information literacy classes to students and faculty in support of teaching and research using state-of-the-art electronic classrooms. The Library’s instruction program focuses on the research, evaluation, and application of information via the use of print collections, 600+ 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 Periodicals 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 microfiche 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. Federal and State print documents are housed in the basement of the Library. Over a million documents are also available in 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. Reference 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/docinfo/](http://web.lib.usf.edu/tampa/docinfo/).

**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 periodical collections and manuscripts of literary figures like Piers Anthony and Dion Boucicault. The department’s strongest area of emphasis is Florida history, but it also houses notable collections of historical children’s literature, dime novels, early American schoolbooks, and cigar label art. An increasing number of the department’s photographs and other resources have been digitized and are accessible on-line. Further information is available through the department’s website at [http://www.lib.usf.edu/spccoll/](http://www.lib.usf.edu/spccoll/).

**Access and Media Services (circulation, interlibrary services, media, reserve):** Access and Media Services are located on the first floor. The reserve collection contains books and media, while all articles are on electronic reserve within Blackboard. Faculty may request books and articles to be placed on reserve by going to [http://www.lib.usf.edu/accsvc/resform1.php](http://www.lib.usf.edu/accsvc/resform1.php). The Electronic Reserves can be accessed via Blackboard, the university’s content management system by valid, affiliated users. 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 home page. Interlibrary Loan 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 home page and at [http://www.lib.usf.edu](http://www.lib.usf.edu). The Library Media Collections provides media materials for instruction, research, and curriculum support. Videocassettes, sound recordings, DVDs, CDs, and other audio-visual formats as well as music scores are available for loan. The Media Resources area, also on the 1st floor, provides equipment for individual use of all media in the collection and on reserve. Multimedia rooms are available for group use of the collection. All foreign language audiotapes 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 140+ workstations. Trained assistance with the technologies and intellectual content of resources is available at a Common’s service desk. Two teaching 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://www.lib.usf.edu](http://www.lib.usf.edu). For the most up-to-date recording of Library hours of operation, call (813) 974-2727.

**ACADEMIC COMPUTING**

**Web Site:** [http://www.acomp.usf.edu](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](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/](http://www.acomp.usf.edu/group/training/)
**Campus Network Information Site:** [http://www.acomp.usf.edu/network](http://www.acomp.usf.edu/network)
**Netcast Broadcasting Site:** [http://www.netcast.usf.edu](http://www.netcast.usf.edu)
**Web Email Access:** [https://mailbox.acomp.usf.edu](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/group/myusf/](http://www.acomp.usf.edu/group/myusf/). Additional services include broadcasting of public and academic lectures and forums over USF’s intranet at [http://www.netcast.usf.edu](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 account, 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 Computing resources through its Research Computing division. Research Computing maintains several Beowulf style cluster computer, large memory SMP platforms, a Condor based grid computing system, and licenses for software used in research and instruction. Research Computing also offers training in High Performance Computing topics in various formats. For more details please see the Research Computing web site at http://rc.usf.edu.

Academic Computing supports the myUSF Portal. This Web Portal gives instructors the ability to put class materials, assignments 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://usfweb.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. CFRDC’s Tech Support staff provides 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, NCF, and UNF’s Student, Financial, HR, Payroll and Data Warehouse applications. Numerous Windows servers support e-mail, web services, file and print and a variety of other applications. CFRDC administers and houses servers and/or provides back-up services for various 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 and supports the telephone and voice mail systems at 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 educational programming with 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 Communication to provide students with practicum experience and internships. USF’s Mass Communications students have an enlarged working studio environment where they may lean important on-the-job skills.

**OFFICE OF RESEARCH**

**Location/Phone:** ADM 200, (813) 974-5570  
**Web Address:** http://www.research.usf.edu/  

Creative research and scholarly activities are essential aspects of the undergraduate educational experience at USF. The promotion and administration of research are the responsibilities of the Office of Research and its divisions, which provide services that enable USF faculty, staff, and students at all academic levels to be competitive in a dynamic research environment. The Office of Research oversees the administration of research contracts and grants, patents and copyrights, federal and state research compliance regulations, USF’s own internal award programs, economic development initiatives, public-private partnerships, research park development, technology transfer, and research activities at affiliated hospitals and institutes.

The Office of Research supports undergraduate research through the Honors College (contact Dr. Stuart Silverman, email: silverman@honors.usf.edu) and the Undergraduate Research Program (contact Dr. Naomi Yavneh, yavneh@honors.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.

From developing a grant proposal or filing a patent, the Office of Research staff are trained professionals committed to meeting the needs of USF researchers. In turn, the dedication of USF students and faculty has contributed to the phenomenal growth in research that USF has experienced. In 2005/06, USF received more than $310 million in research funding.

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 Office of Research is available at: http://www.research.usf.edu/.
HONORS COLLEGE

UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG

Tampa Campus

Tampa Campus Location/Phone: SVC 1088; (813) 974-3087
Office Hours: 8 a.m. – 5 p.m., Monday through Friday
Web Address: http://honors.usf.edu

First-time-in-college (FTIC) students take nine Honors courses that examine the nature of human knowledge, ethics, interdisciplinary approaches to the natural and social sciences, arts and humanities, multiculturalism, and major works and issues. A Senior Thesis is the culmination of the Honors experience. (Course descriptions (IDH prefix) appear later in the catalog.) Students also complete six semester hours of English, six semester hours of Mathematics, and the foreign language exit requirement (please refer to the foreign language requirement for students pursuing the Bachelor of Arts degree for further information). Honors students may satisfy the English, Math, and Foreign Language requirements through Advanced Placement, IB, dual enrollment, and CLEP (See "Academic Programs and Services" section). First-time-in-college Honors students satisfy USF General Education and Liberal Arts requirements by completing the core Honors courses and the English, Math, and Foreign Language requirements. Enrolling in the Honors College 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.S./M.D.), Physical Therapy (B.S./D.P.T.), Public Health, and the Medical Sciences (B.A./Ph.D.). Other programs may be developed and may be found on the Honors College website. Details may be found on the Honors College website or by calling the Honors College.

Potential FTIC 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 recalculated weighted academic high school GPA and a 1270 SAT (based only on Critical Reading and Mathematics sections) or a 29 composite ACT score.

Interested continuing USF students and transfer students may request admission by contacting the Honors College. Eligible continuing USF students present a 3.5 USF GPA, based on at least 30 USF credits. Eligible transfer students present a 3.5 transfer GPA, based on at least 30 college credits.

Continuing USF students and transfer students accepted into the Honors College take four Honors courses that include: inquiry into major works and major issues, a two-semester Senior Thesis, and an elective chosen from the core Honors offerings. Students also complete the foreign language exit requirement. Completion of the Honors Major Works/Major Issues and Senior Thesis satisfies the USF Exit Requirements. Enrolling in the Honors College does not generally increase academic workload or the number of credits needed to graduate.

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 (all course attempts are included in the Honors GPA) shall be identified as Honors College graduates on their diplomas and transcripts, and at the Honors College Graduation Ceremony.

USF St. Petersburg has an Honors Program. For additional information, please call (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.

The HCRM is designed to be a second major. That is, in order to have an HCRM, a student would need to complete all requirements of a regularly offered USF major. (Credits = 30-36)

HCRM students would complete IDH 2010, 3100, 3350, 3600, 3400 and 4200, freshman English I and II, 2 semesters of mathematics and two semesters of a foreign language in order to meet USF General Education requirements. AP, IB, CLEP, dual enrollment and other acceptable forms of credit could be used to satisfy the English, math and foreign language requirements. (Credits = 18-42)

The HCRM would consist of 30 credit hours and would include courses to satisfy the USF Exit Requirements (IDH 4000 and six credits of IDH 4970).

The 30 hours would consist of 2 cognates, each containing a minimum of 12 credit hours. Each cognate would require a research project of at least 9 credit hours; the remaining hours could be appropriate coursework, independent study or an increased number of research hours.

One cognate would be directly related to the student’s primary major; the second cognate must be outside the department of the student’s major.

The student shall have a separate research committee for each cognate, consisting of a mentor and two faculty “readers”. The HCDean shall approve the mentor, and the mentor shall approve the “readers”. The committee and student shall design the cognate courses of study and submit the written plan for HC approval.

The committee shall ensure that the student has an appropriate background in scientific method/experimental design/research tools. Research project format shall be discipline appropriate and clearly represent the number of credits earned.

Formal prospectus/proposal and final presentations will be required of each student in both cognates.

No grade below “B” will be accepted towards the HCRM.

Office of Undergraduate Research

The Office of Undergraduate Research (UR USF) is responsible for creating and facilitating research opportunities for all interested undergraduates, in any discipline. In addition to matching students as research apprentices to faculty mentors throughout the university, UR USF offers training in research skills and methods through workshops, coursework and interdisciplinary REU (“Research Experience for Undergraduates”) programs. Students engaged in research with a faculty mentor are eligible to apply for UR USF research grants, while travel grants are available to undergraduates whose work is accepted for presentation at a conference.

Students engaged in substantive research projects may submit their work for possible inclusion in the university’s annual Undergraduate Research Symposium. Posters and oral presentations are judged by faculty researchers who are leaders in their respective fields, and scholarship prizes are awarded.

Honors Faculty

Dean: Stuart Silverman; Associate Dean: Georg Kleine (Instructors for the Honors courses are recruited from among the University’s outstanding teacher-scholars), Director of Undergraduate Research: Naomi Yavneh.
The Jenkins Scholars Program is one of the highest funded academic scholarships at USF. The George Jenkins Scholarships are funded through the George Jenkins Foundation, which was founded by the late George Jenkins, the initial founder and owner of Publix Supermarkets.

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

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

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

The Kosove Scholarship Program

Location/phone: SVC 1088, (813) 974-3087
Web address: http://usfweb2.usf.edu/finaid2/Website/Kosove.htm or http://usfweb2.usf.edu/scholarships/Kosove.asp

The Kosove Scholarship

The Kosove Scholarship Program makes annual, renewable scholarship awards to undergraduate and graduate students. These awards pay the full cost of Florida-resident tuition, books, housing and food service, or the equivalent costs for students living off-campus. Awards are made for four academic years (fall and spring) to undergraduate 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.
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 ambiance 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 2001 – 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 into 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 and visit the SACD website at http://www.arch.usf.edu/.

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 addi-
tion, 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.
Undergraduate Advising Information

Advising in the College of Arts and Sciences is decentralized. Students are counseled by academic advisors in the department of their 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 is 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) 535-1511/1507.

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 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.

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 Anthropology, 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.
Baccalaureate-Level Degree Programs

The departments in the College of Arts and Sciences include Africana Studies, Aging Studies, American Studies, Anthropology, Biology, Chemistry, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Science and Policy, Geography, Geology, Government and International Affairs, History, Humanities, Interdisciplinary Social Sciences, Liberal Studies, Mass Communications, Mathematics, Philosophy, Physics, Psychology, Religious Studies, Social Work, Sociology, Women’s Studies and World Languages. The College of Arts and Sciences offers minors in the following: Africana Studies, American Studies, Anthropology, Biomedical Physics, Chemistry, Classics, Communication, Communication Sciences and Disorders, Criminology, Economics, English, Environmental Policy, French, Geography, Geology, German, Gerontology, History, Humanities, International Studies, Italian, Mass Communications, Mathematics, Philosophy, Physics, Political Science, Psychology, Public Administration, Religious Studies, Russian, Sociology, Spanish, and Women’s Studies. Certain restrictions apply to students earning a minor: (a) students may not use courses in the major for the minor, unless approved by the department offering 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.”

Note: The College of Arts and Sciences will not accept graduation applications from potential baccalaureate students who have previously been denied graduation three times. Upon the third denial, the students will be informed in writing that they may only reapply with documentation that they have met all outstanding baccalaureate graduation requirements.
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 4005 (1-5) CHI 4930 (1-5)
  - JPN 1120 (4) JPN 1121 (4) JPN 2000 (3)
  - JPN 2201 (3) JPN 4005 (1-5) JPN 4930 (1-5)
- **Religion:**
  - REL 3330 (3) REL 4333 (4)
  - REL 4333 (4) REL 4344 (4)

**Group B**

- **Geography:**
  - GEA 3194 (4)*
- **History:**
  - ASH 3404 (4) ASH 3501 (4)
- **Int'l Studies:**
  - ASN 3012 (3) ASN 3014 (3) ASN 3105 (3)
  - INR 4900 (1-3)* INR 4910 (1-3)* INR 4931 (1-4)*
- **Political Science:**
  - CPO 4930 (3)* CPO 5934 (3) INR 5086 (3)
  - *with approval by the Advisor for the Certificate in Asian Studies

The advisor for the Certificate in Asian Studies is Eric Wolters. He may be contacted at SOC 368, 813-974-8083.
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 prehistoric 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. Giovanna Benadusi or Dr. Fraser Ottanelli, Coordinators of the Certificate in Italian Studies at itastudies@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

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, and have that knowledge formally recognized in their academic record. This program is open to all USF majors of all colleges.

The certificate requires a minimum of 15 semester hours of courses about Latin America and the Caribbean. One LAS seminar must be taken in addition to courses in: 1) Anthropology, 2) Geography/Government & International Studies, 3) History, and 4) Art/Humanities/Literature.

Students must also demonstrate proficiency in a Latin American or Caribbean language (Spanish, Portuguese, French, or Amerindian language) or have two semesters of course work in any of these languages. 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 encouraged to review the Schedule of Classes each semester for current course offerings.
1) Anthropology
ANT 4162 South American Archaeology
ANT 4163 Mesoamerican Archaeology
ANT 4340 The Caribbean
ANT 4324 Mexico and Central America
ANT 4930 Caribbean Popular Culture

2) Geography/Government & International Affairs
CPO 4930 Latin American Politics
INR 4931 Latin 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 3300 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 3050 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 (ISLAC), 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/undergrad_cert.html. Course offerings can be checked at: http://web.usf.edu/iac/islac/courses.html

CERTIFICATE IN MODERN WESTERN EUROPEAN STUDIES

The College of Arts and Sciences offers this certificate through the collaboration of the Departments of English, Geography, History, Humanities and American Studies, Government and International Affairs, World Languages, and Philosophy. It is designed for majors in any field who wish to gain a multidisciplinary understanding of a part of the world that has shaped much of our civilization and holds great significance for Americans in the present and the future.

The student and the Coordinator will plan the individual course of study, which requires between 21 and 24 semester hours. Students must declare their intention to be awarded the certificate by notifying the Coordinator at least one full semester prior to graduation. A cumulative GPA of 2.5 in the certificate course work is required. Please contact Dr. Christine M. Probes at WLE CPR 107, (813) 974-2743, or by e-mail: probes@cas.usf.edu

1) Language Requirement (6)
Students will enroll in two additional semesters of the foreign language they have taken in fulfillment of the College of Arts and Sciences language requirement.

2) Core Courses (9-10)
Students will take a total of three courses from the following; one of them must be either EUS 3000 or GEA 3500.
EUS 3000 Europe
GEA 3500 Geography of Europe
EUH 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 Program),
2.*as one or two of the courses listed below as Elective Courses, or
3.*as part of overseas study courses offered by other USF colleges and other universities.
*Elective courses under options (2) and (3) will be chosen in consultation with the Coordinator and an Advisory Committee.

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. Coordinator, 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

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 1668
EUH 3502 British History 1668 to Present
HIS 3930 Special Topics
HIS 4900 Directed Reading

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
HUM 4905 Directed Study
HUM 4941 Study on Location

E. Government and International Affairs
CPO 4930 Comparative Government and Politics
INR 3955 Overseas Study
INR 4900 Directed Readings
INR 4910 Directed Research
CERTIFICATE IN RUSSIAN STUDIES

The College of Arts and Sciences offers this certificate through the collaboration of the Departments of World Languages, Government and International Affairs, and History. Courses from other departments may count if their subject matter has significant Russian or Eurasian content. It is designed for majors in any field who wish to gain a deeper insight into the multi-faceted Russian world in contemporary and historical perspectives.

The student and the coordinator will plan the individual course of study, which requires from 23 to 25 semester hours. Students must declare their intention to be awarded the certificate by the College of Arts and Sciences before graduating. A cumulative GPA of 3.0 in the certificate course work is required. Please contact Professor Victor Peppard at WLE

F. World Languages
(Note: the student should take courses from the list below after completing the two additional semesters of the foreign language requirement (see I) or, if already advanced in a language, with the instructor's approval. These courses are generally taught in the target language.)

The student and the coordinator will plan the individual course of study, which requires from 23 to 25 semester hours. Students must declare their intention to be awarded the certificate by the College of Arts and Sciences before graduating. A cumulative GPA of 3.0 in the certificate course work is required. Please contact Professor Victor Peppard at WLE

I. Language: All students are encouraged to develop their language skills to the highest possible level. Non-heritage speakers should complete at least RUS 2200 (Russian III), and heritage speakers should complete one semester of RUS 4900 Analytical Reading.

II. Required Core Courses

B. One of the following courses:
RUS 3500 Russian Civilization
(3)
RUT 3110 Russian Classics in English
(3)
RUT 3111 20th Century Russian Literature in English
(3)

III. Elective Courses

*When a topic is defined as Russian/Eurasian or related area.

Other courses may be substituted for those listed above with approval of a Russian Studies Coordinator.

Students are strongly recommended to take advantage of overseas study opportunities.

THE COLLEGE OF ARTS AND SCIENCES

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 course, through its courses and internship possibilities, focuses on the "real world," thus providing students with a valuable foundation for their career planning and advancement. With the help of the Urban Studies Coordinator, students can design concentrations in urban planning, urban management, community development, community organizing, etc. The Certificate requires a minimum of 24 credits.

1) Core Courses (9-10 credits)
URS 3002 Introduction to Urban Studies
(3)
And 2 of the following:
ANT 4442 Urban Life and Culture
(3)
ARC 4784 The City
(3)
ECP 3613 Economics of the Urban Environment
(3)
GES 3602 Urban Geography
(3)
ISS 3930 Community Studies
(3)
ISS 4162 City and Urbanization
(3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>POS 3142</td>
<td>Introduction to Urban Politics and Government</td>
<td>(3)</td>
</tr>
<tr>
<td>SYD 4410</td>
<td>Urban Sociology or Environmental Engineering</td>
<td>(3)</td>
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<tr>
<td>Courses may have prerequisites within the discipline.</td>
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<tr>
<td>2) Methods Courses (select 1 of the following: 3-4 credits)</td>
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<tr>
<td>ANT 4495</td>
<td>Methods in Cultural Research</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT 4930</td>
<td>Social Networks</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO 4935</td>
<td>Economics Statistics</td>
<td>(3)</td>
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<tr>
<td>PCE 3713</td>
<td>Empirical Political Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>STA 2122</td>
<td>Social Science Statistics</td>
<td>(3)</td>
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<tr>
<td>SYA 3300</td>
<td>Research Methods</td>
<td>(3)</td>
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<tr>
<td>SYA 3310</td>
<td>Quantitative Inquiry</td>
<td>(3)</td>
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<tr>
<td>GEO 3164C</td>
<td>Quantitative Methods</td>
<td>(4)</td>
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<tr>
<td>GEO 4100C</td>
<td>Cartography</td>
<td>(4)</td>
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<tr>
<td>GEO 4114C</td>
<td>Geographic Techniques and Methodology</td>
<td>(4)</td>
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<tr>
<td>GEO 4151C</td>
<td>Geographic Information Systems</td>
<td>(4)</td>
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<tr>
<td>GEO 3164C</td>
<td>Quantitative Methods</td>
<td>(4)</td>
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<tr>
<td>Courses may have prerequisites within the discipline.</td>
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<tr>
<td>3) Electives (select 4 from the following list or from the CORE COURSES not counted above: minimum of 12 credits)</td>
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<tr>
<td>Africana Studies</td>
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<td>AFA 4331</td>
<td>Social Institutions and the African-American Community</td>
<td>(3)</td>
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<tr>
<td>AMH 3572</td>
<td>African American History since 1865</td>
<td>(3)</td>
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<tr>
<td>AMS 3700</td>
<td>Racism in American Society</td>
<td>(3)</td>
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<td>AFA 4335</td>
<td>Black Women in America</td>
<td>(3)</td>
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<tr>
<td>AFA 4931</td>
<td>Social and Cultural Issues in Black Urban Life</td>
<td>(3)</td>
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<td>PUP 3313</td>
<td>Blacks in the American Political Process</td>
<td>(3)</td>
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<tr>
<td>Anthropology</td>
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<td>ANT 4316</td>
<td>Ethnic Diversity in the U.S.</td>
<td>(3)</td>
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<tr>
<td>ANT 4482</td>
<td>Health, Illness and Culture</td>
<td>(3)</td>
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<td>ANT 4701</td>
<td>Applied Anthropology</td>
<td>(3)</td>
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<tr>
<td>ANT 4930</td>
<td>Special Topics in Anthropology</td>
<td>(3)</td>
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<tr>
<td>Communication</td>
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<td>SPC 3710</td>
<td>Communication and Cultural Diversity</td>
<td>(3)</td>
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<td>SPC 4714</td>
<td>Communication, Culture and Community</td>
<td>(3)</td>
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<tr>
<td>Civil and Environmental Engineering</td>
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<td>CES 4000</td>
<td>Structures and Urban Environments for Non-Engineers</td>
<td>(3)</td>
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<tr>
<td>TTE 5501</td>
<td>Transportation Planning and Economics</td>
<td>(3)</td>
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<tr>
<td>Criminology</td>
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<tr>
<td>CCJ 3003</td>
<td>Crime and Justice in America</td>
<td>(4)</td>
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<tr>
<td>CCJ 3024</td>
<td>Survey of the Criminal Justice System</td>
<td>(3)</td>
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<tr>
<td>CCJ 3610</td>
<td>Theories of Criminal Behavior</td>
<td>(3)</td>
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<tr>
<td>CCJ 3621</td>
<td>Patterns of Criminal Behavior</td>
<td>(3)</td>
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<tr>
<td>CJE 4010</td>
<td>Juvenile Justice System</td>
<td>(3)</td>
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<tr>
<td>CJE 4044</td>
<td>Police and Juvenile Delinquency</td>
<td>(3)</td>
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<tr>
<td>CJE 4114</td>
<td>American Law Enforcement Systems</td>
<td>(3)</td>
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<tr>
<td>CJE 4210</td>
<td>Developmental Aspects of Juvenile Delinquency</td>
<td>(3)</td>
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<td>CJE 4211</td>
<td>Juvenile Substance Use</td>
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<td>Economics</td>
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<td>ECO 4323</td>
<td>Radical Political Economy</td>
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<td>ECO 4504</td>
<td>Public Finance</td>
<td>(3)</td>
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<tr>
<td>ECP 3201</td>
<td>Economics of Women and Work</td>
<td>(3)</td>
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<td>ECP 3203</td>
<td>Labor Economics</td>
<td>(3)</td>
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<tr>
<td>ECP 3302</td>
<td>Environmental Economics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECP 3530</td>
<td>Economics of Health</td>
<td>(3)</td>
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<tr>
<td>ECO 4935</td>
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<td>GEO 4700</td>
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<td>HIS 3930</td>
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<td>HIS 3930</td>
<td>Special Topics: The History of Tampa</td>
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<td>HIS 3930</td>
<td>Special Topics: The History of St. Petersburg</td>
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<td>POS 3145</td>
<td>Governing Metropolitan Areas</td>
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<td>POS 4165</td>
<td>Community Leaders and Politics</td>
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<td>SYO 3530</td>
<td>Poverty, Inequality, and Stratification</td>
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<td>SYD 3700</td>
<td>Racial and Ethnic Relations</td>
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<td>SYP 4510</td>
<td>Sociological Aspects of Deviance</td>
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<td>SYP 4530</td>
<td>Sociology of Juvenile Delinquency</td>
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<td>HUM 4941</td>
<td>Study on Location</td>
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<td>IDS 4942</td>
<td>CEL Community Internship</td>
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<td>IDS 4956</td>
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<tr>
<td>SYA 4949</td>
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</table>

Information and advice about the certificate program may be obtained from Robin R. Jones. Call (813) 974-8452 or email jones@chuma1.cas.usf.edu. The Office is located in NES 305.

**CERTIFICATE IN WOMEN'S SPIRITUALITY**

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 e-mail: 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)
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, Shriner's 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 preprofessional 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:

**Biochemistry:**
- BSC 2010, 2010L: Biology I: Cellular Processes (3,1)
- BSC 2011, 2011L: Biology II: Diversity (3,1)
- MCB 3020C: General Microbiology (4)
- 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 (3)
  - MCB 5815: Medical Mycology (3)
  - PCB 4064: Experimental Genetics (3)
  - PCB 4723: Animal Physiology (3)
  - PCB 4723L: Animal Physiology Lab (1)
  - PCB 5235: Principles of Immunology (3)

**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)

**Pharmacology:**
- PCB 2010, 2010L: Pharmacology I (3,1)
- PCB 2011, 2011L: Pharmacology II (3,1)
- MCB 3025: General Pharmacology (4)
- Plus two of the following pharmacology 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 (3)
  - MCB 5815: Medical Mycology (3)
  - PCB 4064: Experimental Genetics (3)
  - PCB 4723: Animal Physiology (3)
  - PCB 4723L: Animal Physiology Lab (1)
  - PCB 5235: Principles of Immunology (3)

**Miscellaneous:**
- PCB 3046, 3046L: Microbiology I (3,1)
- PCB 3047, 3047L: Microbiology II (3,1)
- PCB 3031: General Pathology (4)
- PCB 3032: Human Physiology (4)
- PCB 3033: Molecular Biology (4)
- PCB 3034: Genetics (4)
- PCB 3035: Medical Biochemistry (4)
- PCB 3036: Medical Genetics (4)
- PCB 3037: Medical Immunology (4)
- PCB 3038: Medical Microbiology (4)
- PCB 3039: Medical Parasitology (4)
- PCB 3040: Medical Virology (4)
- PCB 3041: Medical Bacteriology (4)

**Other:**
- PCB 3042, 3042L: Principles of Immunology (3,1)
- PCB 3043, 3043L: Principles of Biochemistry (3,1)
- PCB 3044, 3044L: Principles of Cell Biology (3,1)
- PCB 3045, 3045L: Principles of Molecular Biology (3,1)
- PCB 3046, 3046L: Principles of Neurobiology (3,1)
- PCB 3047, 3047L: Principles of Developmental Biology (3,1)
- PCB 3048, 3048L: Principles of Genetics (3,1)
- PCB 3049, 3049L: Principles of Medical Genetics (3,1)
- PCB 3050, 3050L: Principles of Medical Immunology (3,1)
- PCB 3051, 3051L: Principles of Medical Microbiology (3,1)
- PCB 3052, 3052L: Principles of Medical Virology (3,1)
- PCB 3053, 3053L: Principles of Medical Bacteriology (3,1)
Africana Studies is a liberal arts program offering both a major and a minor. This program provides all students with the opportunity to study the history, culture and lived experiences of people of African descent in the United States, Africa, the Caribbean, and elsewhere; study the influence of Africa and people of African descent on world and U.S. thought, culture, and politics; study the social construction and consequences of race and racism; develop needed critical thinking skills to address the often narrow and Eurocentric bias in the current knowledge base; and examine their personal experiences, prejudices, and possible contributions in a multi-racial, multi-cultural society.

Students who major or minor in Africana Studies have the option of emphasizing African American Studies (including the Caribbean), African Studies, or African and African Diaspora Studies. Admission to the Africana Studies major or minor is open to all students who have been duly admitted to the University of South Florida.

Recommended Prerequisites (State Mandated Common Prerequisites)
The department encourages students to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

If you transfer with fewer than 60 semester hours of acceptable credit, you must meet the university’s entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and, when feasible, in General Education/Gordon Rule courses.

- **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 and its Diaspora 3
  - **AFH 3100** African History to 1850 3
  - **AFH 3200** African History Since 1850 3
  - **AMH 3571** African-American History I 3
  - **AMH 3572** African-American History II 3

Select any seven courses. Students may choose to emphasize African American Studies, African Studies or African and African Diaspora Studies. (21 credit hours)

African American Studies (Suggested)
- **AFA 4313** Black English 3
- **AFA 4331** Social Institutions and the African American Community 3
- **AFA 4333** The African Diaspora: Blacks in the Construction of the Americas 3
- **AFA 4335** Black Women in America 3
- **AFA 4350** African American Community Research 3
- **AFA 4500** Slavery in the Americas and Caribbean 3
- **AFA 4502** Middle Passage 3
- **AFA 4931** Selected Topics in Africana Studies 1-3
- **AMS 3700** Racism in American Society 3
- **ANT 4340** The Caribbean 3
- **ANT 3604** African American Literature 3
- **AML 4303** Major Works: Zora Neale Hurston 3
- **AML 4624** Black Women Writers 3
- **PHM 4470** Major Black Thinkers 3

African Studies (Suggested)
- **AFA 4150** Africa and the United States 3
- **AFA 4313** Black English 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, African Studies, or Africana Studies. The requirements for the minor are as follows:

Minor Requirements (18 Hours): Three Options

**Africana Studies - Option I**

**Required Core Classes (9 Hours)**

- AFA 4350 African American Community Research (3)
- AFA 4500 Slavery in the Americas and Caribbean (3)
- AFA 4402 Middle Passage (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)
- INR 4254 Africa in World Affairs (3)
- PHI 4073 African Philosophy (3)

**Electives (Select 9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4931 Selected Topics in Africana Studies (1-3)
- INR 4254 Africa in World Affairs (3)

**Africana Studies - Option II**

**Required Core Classes (9 Hours)**

- AFA 4350 African American Community Research (3)
- AFA 4500 Slavery in the Americas and Caribbean (3)
- AFA 4402 Middle Passage (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)
- INR 4254 Africa in World Affairs (3)
- PHI 4073 African Philosophy (3)

**Electives (Select 9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4333 The African Diaspora: Blacks in the Construction of the Americas (3)
- AFA 4335 Black Women in America (3)
- PHM 4120 Major Black Thinkers (3)

**Africana Studies - Option III**

**Required Classes (9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- AFA 4931 Selected Topic in Africana Studies (1-3)
- INR 4254 Africa in World Affairs (3)

**Electives (Select 9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- AFA 4333 The African Diaspora: Blacks in the Construction of the Americas (3)
- AFA 4335 Black Women in America (3)
- PHM 4120 Major Black Thinkers (3)

**African Studies - Option III**

**Required Classes (9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- INR 4254 Africa in World Affairs (3)

**Electives (Select 9 Hours)**

- AFA 4150 Africa and the United States (3)
- AFA 4331 Social Institutions and the African American Community (3)
- INR 4254 Africa in World Affairs (3)

- **AMERICAN STUDIES (AMS/HUM)**

See "Humanities & American Studies."

- **ANTHROPOLOGY (ANT)**

Anthropology aims at comprehending people as biological and social beings. It is concerned with all forms of people through time and space. One consequence of this broad-ranging view is the presence within anthropology of four branches: archaeology, biological anthropology, cultural anthropology, and linguistics. Exposure to anthropological information and the cross-cultural perspective produces heightened sensitivity in the student to the world about him/her. This helps the student to adopt an intellectual posture of disciplined skepticism with respect to any scheme that purports to define and account for regularities in human life.

The Department of Anthropology is concerned with applying anthropological knowledge, theory, method, and perspectives to problems of contemporary society. Illustrative areas of activity include human services needs assessment, program planning and evaluation, public archaeology, social and environmental impact assessment, 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 core 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 toward the major, including specifically required classes and electives. A C- grade is not acceptable. ANT 2000, although suggested, is not a prerequisite to subsequent courses, although it may 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 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**

- 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)

**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 4221 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)
- URS 3002 Introduction to Urban Studies (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 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 (minimum 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 4930C (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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
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<td>CHM 1045/1045L</td>
<td>General Chemistry I (with lab)</td>
<td>Acceptable substitutes: CHM 2045 and CHM 2046, or equivalents;</td>
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<tr>
<td>CHM 2046</td>
<td>General Chemistry II (3)</td>
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<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I (3)</td>
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<tr>
<td>CHM 2210L</td>
<td>Organic Chemistry I Laboratory (2)</td>
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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II (3)</td>
<td>Acceptable substitute: CHM 2211L Organic Chemistry II Laboratory (1)</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Laboratory (2)</td>
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<td>CHM 2045</td>
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<tr>
<td>CHM 2046</td>
<td>General Chemistry II (3)</td>
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<tr>
<td>X010</td>
<td>Biology I Cellular Processes (with lab)</td>
<td>Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
<td>Acceptable substitutes: MAC 2233, MAC 2253, MAC 2281</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus II</td>
<td>Acceptable substitutes: STA 2122, 2014, 2023, 2034, 2321 or equivalent;</td>
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<tr>
<td>PHY 2048</td>
<td>General Physics I (3)</td>
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<td>General Physics II (3)</td>
<td>Acceptable substitute: PHY 2049L General Physics II Laboratory (1)</td>
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<td>PHY 2053</td>
<td>General Physics (3)</td>
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<td>PHY 2053L</td>
<td>General Physics Laboratory (1)</td>
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<tr>
<td>PHY 2054</td>
<td>General Physics (3)</td>
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<tr>
<td>PHY 2054L</td>
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</table>
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.

- 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

- CHM 1045/1045L General Chemistry I (with lab)
- CHM 1046/1046L General Chemistry II (with lab)
- CHM 2210/2210L Organic Chemistry I (with lab)
- Acceptable substitutes: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
- CHM 2211/2211L Organic Chemistry II (with lab)
- Acceptable substitutes: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent

- MAC X311 Calculus I
- Acceptable substitutes: MAC 2233, MAC 2253, MAC X281

- MAC X312 Calculus II
- Acceptable substitutes: STA 2122, 2123, 2124, 2234, 2235, 2321 or equivalent; MAC 2234, 2254, 3282

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Required Courses for the Biology Major with a Marine Biology Concentration

1. Department of Biology Courses—minimum 42 credit hours
   a. BSC 2010L Biology I Cellular Processes Laboratory (3)
   b. BSC 2011L Biology II Diversity Laboratory (3)
   c. PCB 3023 Cell Biology (3)
   d. PCB 3043 Principles of Ecology (3)
   e. PCB 3063 General Genetics (3)
   f. PCB 3712 General Physiology (3)
   g. TWO of the following:
      - PCB 3023L Cell Biology Laboratory (1)
      - PCB 3043L Principles of Ecology Laboratory (1)
      - PCS 3063L General Genetics Laboratory (1)
      - PCB 3712L General Physiology Laboratory (1)
   h. BSC 3312 Marine Biology (3)
   i. At least one of the following: Vascular Plants (BOT 3373C), Microbiology (MCB 3020C), Vertebrate Zoology (ZOO 2303C), Comparative Vertebrate Anatomy (ZOO 3713C), Advanced Invertebrate Zoology and Lab. (ZOO 3723C)
   j. BSC 4937 Seminar in Marine Biology (2)
   k. The remaining credit hours to meet the minimum requirements must come from courses listed in (e) above and/or from the following list. A maximum of six (6) credits may be taken in courses from other departments/colleges. At least eight (8) of these credit hours must be at the 4000 level or higher:
      - OCB 6050 Biological Oceanography
      - OCC 6050 Chemical Oceanography
      - OCE 4930 Selected Topics in Marine Science* (3)
      - OCE 6934 Selected Topics in Oceanography* (3)
      - OCG 6051 Geological Oceanography
      - OPC 6050 Physical Oceanography

2. Supporting Courses in the Natural Sciences—minimum 32 credit hours
   a. CHM 2045 General Chemistry I (3)
   b. CHM 2045L General Chemistry I Laboratory (1)
   c. CHM 2046 General Chemistry II (3)
   d. CHM 2046L General Chemistry II Laboratory (1)
   e. CHM 2047L Organic Chemistry I Laboratory (1)
   f. CHM 2210 Organic Chemistry I (3)
   g. CHM 2210L Organic Chemistry I Laboratory (1)
   h. CHM 2211 Organic Chemistry II (3)
   i. CHM 2211L Organic Chemistry II Laboratory (1)
   j. MAC 2211 Life Sciences Calculus I (4)
   k. MAC 2211L Calculus II Laboratory (1)
   l. MAC 2212 Calculus II (4)
   m. MAC 2212L Calculus II Laboratory (1)
   n. STA 2023 Introductory Statistics I (4)
   o. STA 2023L Introductory Statistics I Laboratory (1)
   p. PHY 2048 General Physics I (3)
   q. PHY 2048L General Physics I Laboratory (1)
   r. PHY 2049 General Physics II (3)
   s. PHY 2049L General Physics II Laboratory (1)
   t. PHY 2053 General Physics I (3)
   u. PHY 2053L General Physics I Laboratory (1)
   v. PHY 2054 General Physics (3)
   w. PHY 2054L 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.

- BSC X010/X010L
  Introduction to Biology I-Cellular Processes (with lab)
  Acceptable substitutes: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, BSC 2012
  BSC X011/X011L
  Introduction to Biology II-Diversity (with lab)
  Acceptable substitutes: ZOO X010, BOT X010, BSC X041, BOT X013

- CHM X041, BOT X013
  Introduction to Biology I-Cellular Processes (with lab)

- CHM X045, X210
  Organic Chemistry I (with lab)

- CHM X046, X046L
  General Chemistry II (with lab)

- CHM X210, X210L
  General Chemistry I (with lab)

- PHY 2048, 2053
  General Physics (3, 3)

- MAC 2233
  Engineering Calculus I (4)

- MAC 2234
  Engineering Calculus II (4)

- MAC 2235
  Engineering Calculus III (4)

- MAC 2236
  Engineering Calculus IV (2)

- PHY 2048L
  General Physics I Laboratory (1)

- PHY 2049L
  General Physics II Laboratory (1)

- PHY 2053L
  General Physics Laboratory (1)

- PHY 2054L
  General Physics Laboratory (1)

- PHY 2054
  General Physics (3)

- GLY 4734
  Beaches and Coastal Environments

- GIS 5049
  GIS for Non-Majors

- MCB 5655
  Applied and Environmental Biology

- MCB 4404/4404L
  Microbial Physiology and Genetics (with lab)

- ZOO 5555C
  Marine Animal Ecology

- ZOO 5451
  Animal Behavior

- PCB 4674
  Organic Evolution

- PCB 4723/4723L
  Animal Physiology (with lab)

- BOT 5185C
  Marine Botany

- BSC 4313C
  Advanced Marine Biology
Required Courses for the Microbiology Major

1. Department of Biology Courses-minimum 42 credit hours
   a. BSC 2010 Biology I Cellular Processes (3)
   BSC 2010L Biology I Cellular Processes Laboratory (1)
   BSC 2011 Biology II Diversity (3)
   BSC 2011L Biology II Diversity Laboratory (1)
   b. PCB 3023 Cell Biology (3)
   PCB 3023L Cell Biology Laboratory (1)
   c. MCB 3020C General Microbiology (4)
   MCB 4115C Determinative Bacteriology (5)
   MCB 4404 Microbial Physiology and Genetics (4)
   MCB 4404L Microbial Physiology and Genetics Laboratory (1)
   d. Ten (10) hours from the following list:
      BOT 4434C Mycology (3)
      MCB 4503 Virology (3)
      MCB 4910 Microbiology Undergraduate Research (1-4)
      MCB 4934 Seminar in Microbiology (1)
      MCB 5206 Public Health and Pathogen Microbiology (3)
      MCB 5655 Applied and Environmental Biology (3)
      MCB 5815C Medical Mycology (3)
      PCB 4234 Principles of Immunology (3)
      ZOO 5235 Parasitology (3)
      BCH 3023L Basic Biochemistry Laboratory (2)
   e. A maximum of four (4) credit hours of Undergraduate Research (MCB 4910) may be applied.
   f. A minimum of 20 hours of Biology courses must be taken in residency and be applicable to the major.

2. Supporting Courses in the Natural Sciences-minimum 35 credit hours
   a. CHM 2045 General Chemistry I (3)
   CHM 2045L General Chemistry I Laboratory (1)
   CHM 2046 General Chemistry II (3)
   CHM 2046L General Chemistry II Laboratory (1)
   b. CHM 2210 Organic Chemistry I (3)
   CHM 2210L Organic Chemistry I Laboratory (2)
   CHM 2211 Organic Chemistry II (3)
   CHM 2211L Organic Chemistry II Laboratory (2)
   c. MAC 2241 Life Sciences Calculus I (4)
   MAC 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)
   STA 2023 Introductory Statistics I (4)
   may be substituted any Calculus II
   d. PHY 2048 General Physics I (3)
   PHY 2048L General Physics I Laboratory (1)
   PHY 2049 General Physics II (3)
   PHY 2049L General Physics II Laboratory (1)

2. Supporting Courses in the Natural Sciences-minimum 35 credit hours
   a. CHM X211/X211L Organic Chemistry II (with lab)
   Acceptable substitutes: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent
   b. CHM 2210 Organic Chemistry I (3)
   CHM 2210L Organic Chemistry I Laboratory (2)
   c. MAC 2241 Life Sciences Calculus I (4)
   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.

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. (http://www.cas.usf.edu/biology/index.html), and requires a written thesis. A Research Seminar is presented by the student.

Year 1
BSC 2010 Biology I with lab- Honors section 4
(ChM 2045 Pre- or Co-requisite)

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 28 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.
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 4410 Physical Chemistry I (B.S. degree), courses which is to be taken in the third year. CHM 4410 is a prerequisite to other advanced courses required for the B.S. degree in chemistry. CHM 4060 "Use of Chemical Literature" also is a prerequisite to several B.S. degree courses.

A grade of C or better is required in each chemistry course and each supporting course specified for a chemistry degree. All courses in a chemistry program must be taken with letter grade (A, B, C, D, F, 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.

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 significantly from school to school.

Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Community College: Students should follow the recommended prerequisite courses listed below at the lower level prior to entering the university. These include two semesters each of General Chemistry lecture and lab, Organic Chemistry lecture and lab, Calculus, and General Physics lecture and lab. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Required Chemistry Courses (33 credit hours)

- CHM 2210/2210L Organic Chemistry I (3)
- CHM 2211L Organic Chemistry II Lab (2)
- CHM 2211 Organic Chemistry II (3)
- CHM 2210L Organic Chemistry I Lab (2)
- CHM 2211L Organic Chemistry II Lab (2)
- CHM 3120C Elementary Analytical Chemistry I (3)
- CHM 3402L Elementary Physical Chemistry Lab (1)
- CHM 3610 Intermediate Inorganic Chemistry I (3)
- CHM 3610L Intermediate Inorganic Chem. I Lab (1)
- CHM 4410 Physical Chemistry I (4)
- CHM 4411L Biophysical Chemistry Lab (2)
- CHM 4413 Biophysical Chemistry (3)
- CHM 4432* or CHM 4412 Biophysical Chemistry (3)

Required Supporting Courses (8 credit hours)

- PHY 2048/2048L Gen Physics I & Lab or PHY 2048C, or PHY 2053C
- PHY 2049/2049L Gen Physics II & Lab or PHY 2049C, or PHY 2054C

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

BA in Chemistry (CHM)

The B.A. degree in Chemistry provides a course of study for students whose careers will require a thorough understanding of chemistry required for a variety of professional activities such as in health related professions, science teaching, business, law and other areas. Inherent in this program is a high degree of flexibility which permits tailoring a course of study to the student's own educational objectives. The B.A. student whose goals change in the direction of graduate study should supplement this curriculum by addition and/or substitution of a selection of advanced courses from the B.S. program. Prerequisites are included in the list below.

Required Chemistry Courses (33 credit hours)

- CHM 2455 General Chemistry I (3)
- CHM 2455L General Chemistry I Lab (1)
- CHM 2466 General Chemistry II (3)
- CHM 2466L General Chemistry II Lab (1)
- CHM 2410 Organic Chemistry I (3)
- CHM 2410L Organic Chemistry I Lab (2)
- CHM 2411 Organic Chemistry II (3)
- CHM 2411L Organic Chemistry II Lab (2)
- CHM 3120C Elementary Analytical Chemistry I (3)
- CHM 3402L Elementary Physical Chemistry Lab (1)
- CHM 3610 Intermediate Inorganic Chemistry I (3)
- CHM 3610L Intermediate Inorganic Chem. I Lab (1)
- CHM 4410 Physical Chemistry I (4)
- CHM 4411L Biophysical Chemistry Lab (2)
- CHM 4413 Biophysical Chemistry (3)

Required Chemistry Electives (6 credit hours)

- CHM X045/X045L General Chemistry I (with lab) or CHM 1040&1041, or 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 2211/2211L Organic Chem II & Lab or CHM 2211C
- OR

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 2455 General Chemistry I (3)
- CHM 2455L General Chemistry I Lab (1)
- CHM 2466 General Chemistry II (3)
- CHM 2466L General Chemistry II Lab (1)
- CHM 2410 Organic Chemistry I (3)
- CHM 2410L Organic Chemistry I Lab (2)
- CHM 2411 Organic Chemistry II (3)
- CHM 2411L Organic Chemistry II Lab (2)
- OR

Courses over and above the required courses are subject to approval by the student's major advisor. Certain courses are limited access programs with the above courses recommended.
Required Chemistry Courses

Prerequisites are included in the list below. 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 (22-24 credit hours)

- MAC 2311 (4)
- MAC 2312 (4)
- PHY 2053 (3)
- PHY 2053L (1)
- BSC 2010 (3)
- BSC 2010L (1)
- PCB 3023 (3)
- PCB 3023L (1)
- MAC 2281 (4)
- MAC 2282 (4)
- PHY 2054 (3)
- PHY 2054L (1)
- BSC 2010L (3)
- PCB 3023 (3)
- PCB 3023L (1)

Other suggested electives important for advanced studies in health professional vocations: BSC 2111, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3020, PCB 4723, ZOO 4753, ZOO 3713, MCB 4502, CHM 4932*, PCB 4253, PCB 5845.

*Content varies each semester.

Required Supporting Courses (22-24 credit hours)

- MAC 2311 (4) or MAC 2281 (4)
- MAC 2312 (4) or MAC 2282 (4)
- PHY 2053 (3) or PHY 2054 (3)
- PHY 2053L (1) or PHY 2054L (1)
- BSC 2010 (3) or BSC 2010L (1)
- PCB 3023 (3) or PCB 3023L (1)

Other suggested electives important for advanced studies in health professional vocations: BSC 2111, PCB 3063, PCB 5235, PCB 5525, STA 2023, MCB 3020, PCB 4723, ZOO 4753, ZOO 3713, MCB 4502, CHM 4932*, PCB 4253, PCB 5845.

*Content varies each semester.

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 2211L Organic Chemistry I Lab (2)
- CHM 2211L Organic Chemistry II Lab (2)
- CHM 3120C Elementary Analytical Chemistry I (4)
- BCH 4034 Advanced Biochemistry (3)
- CHM 3610L Intermediate Inorganic Chemistry I Lab* (1)
- CHM 4410 Physical Chemistry I (4)
- CHM 4413 Biophysical Chemistry (3)

Required Chemistry Electives (9 credit hours)

- CHM 2045L General Chemistry I Lab (1)
- CHM 2046L General Chemistry II Lab (1)
- CHM 3100L Intermediate Inorganic Chemistry I Lab* (1)
- CHM 4611 Advanced Inorganic Chemistry (3)

Required Supporting Courses (20-23 credit hours)

- MAC 2311 (4) or MAC 2281 (4)
- MAC 2312 (4) or MAC 2282 (4)
- PHY 2048 (3) or PHY 2049L (1)

Required natural science or engin. elective (3-6 hours)

1 - 3000 level course (PHY 3101, MAP 4302 suggested) or
2 - 2000 level courses (BSC 2100, BSC 2111, GLY 2010, GLY 2100, EVR 2001, CGS 2100, CCS 2100, EGN 2210)

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)

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 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 Lab (2)
CHM 3120C Elementary Analytical Chemistry (4)
CHM 3610 Intermediate Inorganic Chemistry (3)
CHM 3610L Intermediate Inorganic Chem. Lab (1)
CHM 4300 Biomolecules (3)
CHM 4410 Physical Chemistry I (4)
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 X211L & CHM X211L Organic Chemistry I & Lab 4

or
PHY X053 & X053L General Physics I & Lab 4

BSC X093 Human Anatomy & Physiology I 4

or
PHY X054 & X054L General Physics II & Lab 4

BSC X094 Human Anatomy & Physiology II 4

or
MAC X241 Life Sciences Calculus 4

or
MAC X311 Calculus I 4

and
MAC X242 Life Sciences Calculus II 4

or
MAC X312 Calculus II 4

or
STA X023 Introductory Statistics I 3

or
STA X122 Social Science Statistics 3

or
STA X014 3

or
STA X024 Introductory Statistics II 3

or
STA X321 Essentials of Statistics 3

or
Equivalent

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a nonlimited access program with the above courses recommended.

Tier 1 - Required Biology and Chemistry Courses:

Biology:

- BSC 2010 Biology I - Cellular Processes (3)
- BSC 2010L Biology I Lab (1)
- BSC 2011 Biology II - Diversity (3)
- BSC 2011L Biology II Lab (1)
- MCB 3020C General Microbiology (4)

Chemistry:

- 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)
- BCH 3023 Introductory Biochemistry (3)

Required Supporting Courses:

Mathematics:

- MAC 2241 Life Sciences Calculus I (4)
- MAC 2242 Life Sciences Calculus II (4)

or

STA 2023 Introductory Statistics (4)

*MAC 2311 and MAC 2312 are also acceptable for the major.

Physics:

- PHY 2053 General Physics I (3)
- PHY 2054 General Physics II (3)
- PHY 2054L General Physics II Lab (1)

*Students may substitute Human Anatomy or Physiology I and II (BSC 2093C & 2094Cor BSC 2085, 2085L & BSC 2086, 2086L) for Physics I & II

Tier 2 - Required Biomedical Electives:

Minimum of 14 credits from the following to include:

- 9 credits minimum of Biology and Chemistry Coursework from the lists below, with no fewer than 3 credits in both Biology and Chemistry.
- Lab Requirement: Students must choose at least one upper-division Lab (must take co-requisite lecture) or combined lecture/lab course.
- Chemistry Residency Requirement: 7 credits of Chemistry coursework, upper or lower division, must be completed at USF.

Biology:

- BOT 3850 Medical Botany (3)
- MCB 4115C Determinative Bacteriology (5)
MCB 4404 Microbial Physiology and Genetics (4)
MCB 4404L Microbial Physiology and Genetics Lab (1)
MCB 4503 Virology (3)
MBC 5206 Public Health & Pathogenic Microbiology (3)
MBC 5815 Medical Mycology (3)
PCB 3023 Cell Biology (3)
PCB 3023L Cell Biology Lab (1)
PCB 3063 General Genetics (3)
PCB 3063L Genetics Lab (1)
PCB 3712 General Physiology (3)
PCB 3713L General Physiology Lab (1)
PCB 4234 Principles of Immunology (3)
PCB 4522C Experimental Genetics (3)
PCB 4843 Principles of Neuroscience (3)
ZOO 3713C Comparative Vertebrate Anatomy* (4)
ZOO 4753C Histology* (4)

*Combined course - satisfies lab requirement

Chemistry:
BCH 3023L Biochemistry Lab (2)
BCH 4034 Advanced Biochemistry (3)
CHM 3120C Elem. Analytical Chemistry (4)
CHM 3610 Intermediate Inorganic Chemistry (3)
CHM 3610L Intermediate Inorganic Chemistry Lab (1)
CHM 4413 Biophysical Chemistry (3)
CHM 4430 Biochemistries I (3)
CHM 4932 Selected Topics in Chemistry (1-3)
CHS 4300 Fundamentals of Clinical Chemistry (3)
CHS 4301L Clinical Laboratory (2)

Other:
BMS 4402 Principles of Human Pharmacology (3)
HSC 4504 Foundations of Public Health Immunology* (3)
PHZ 4702 Applications of Physics to Biology & Medicine I (4)
PHZ 4703 Applications of Physics to Biology & Medicine II (4)

*cannot use both HSC 4504 & PCB 4243

Requirements for the Major in Interdisciplinary Natural Sciences

Coursework required for Interdisciplinary Natural Science majors:

TIER 1
Two introductory courses in each of 5 natural sciences areas (Math, Physics, Chemistry, Biology, Geology) totaling 40 hours:
- Calculus I and II (MAC 2241, MAC 2242 or MAC 2311, 2312 or MAC 2281, 2282)
- General Chemistry I and II (CHM 2045, 2045L, CHM 2046, 2046L)
- General Physics (PHY 2053, PHY 2053L, PHY 2054, PHY 2054L, PHY 2048, PHY 2048L, PHY 2049, PHY 2049L)
- Introduction to Physical Geology and History of the Earth and Life (GLY 2010, GLY 2000L, GLY 2100, GLY 2100L)

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.
4. All sciences and mathematics requirements listed below, including Common Prerequisites and those specific to USF, with a “C” or higher in each course.
The following courses are required for the degree at USF:

1. General Biology I with lab (4)
2. Human Anatomy and Physiology I with lab (4)
   (e.g. BSC 1085/1085L, BSC 1085C, BSC 1093, BSC 2093C, BSC 2085/2085L, BSC 1011C, BSC 2011, PCB 4703, PCB 3702C, PCB 3702, 3, 4 (student's choice of one of these three labs), PCB 3703C, BSC 2085C, BSC 2023C)
3. Human Anatomy and Physiology II with lab (4)
   (e.g. BSC 1086/1086L, BSC 1086C, BSC 2094C, ZOO 3733C, ZOO 3731, PCB 3134C, PCB 2131, BSC 1094, BSC 2096, BSC 2011, PCB 2510/2510L, BSC 2086C)
4. General Microbiology with lab (4)
   (e.g. MCB 3020/3020L, MCB 2013/2013L, MCB 3023/3023L, MCB 3020C, MCB 2010/2010L)
5. General Chemistry I with lab (4)
   (e.g. CHM 1045/1045L, CHM 1045C, CHM 2045/2045L)
6. General Chemistry II with lab (4)
   (e.g. CHM 1046/1046L, CHM 1046C, CHM 1040/1040L, CHM 1041/1041L, CHM 1046E/1046L, CHM 2046/2046L)
7. Organic Chemistry I with lab (4.5)
   (e.g. CHM 2210/2210L, CHM 2010/2010L, CHM 2210C, CHM 3210)
8. Organic Chemistry II with lab (4.5)
   (e.g. CHM 2211/2211L, CHM 2011/2011L, CHM 2211C, CHM 2211/2211L, CHM 3120/3120L, CHM 2120/2120L, CHM 2120C, CHM 3120C)
9. Statistics (3-4)
   (e.g. STA 2023, STA 2014, STA 2122, STA 2037, STA 2040, STA 2024, STA 2321, STA 3023)

Students should carefully follow all prerequisite requirements for individual courses. The USF courses recommended to meet the state mandated prerequisites as listed above are:

- General Biology I with lab (BSC 2010,2010L) (4)
- Human Anatomy and Physiology I (with lab where available) (BSC 2093C or BSC 1085,1085L) (3-4)
- General Biology II with lab (BSC 2011,2011L) (4)
- General Microbiology with lab (MCB 3020C) (4)
- General Chemistry I with lab (CHM 2045,2045L) (4)
- General Chemistry II with lab (CHM 2046,2046L) (4)
- Organic Chemistry I with lab (CHM 2210,2210L) (4-5)
- Organic Chemistry II with lab (CHM 2211,2211L) (4-5)
- Statistics (STA 2023) (4)

In addition to the Common Prerequisites listed above, the following courses are required for the degree at USF:

- College Algebra (MAC 1105 or MAC 1147) (3-4)
- Cell Biology with lab (PCB 3023L) (4)
- Immunology (PCB 5235 or equivalent) (3)
- Determinative Bacteriology with lab (MCB 4115C) (5)
- Biochemistry (BCH 3023) (3)

Ability to use computers is essential for work in a modern laboratory. Hospitals recommend elective courses in use of computers and in management.

Upon successful completion of this curriculum and acceptance by one of the affiliated hospitals, the student will complete 12 continuous months of training at that hospital. Hospital programs begin in July or early August each year, and some hospitals also have programs beginning in January or February. During this clinical training, the student will continue to be registered as a full-time student of the university and will receive a total of 30 credit hours of work in:

- MLS 4031 Introduction to Medical Technology
- MLS 4861 Clinical Immunology
- MLS 4863 Clinical Microbiology
- MLS 4865 Clinical Immunohematology
- MLS 4860 Clinical 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 programs 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

   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
- ORI 2000 Introduction to Communication as Performance
- SPC 3301 Interpersonal Communication
- SPC 2541 Persuasion

III. Area of Concentration (9 hours)

Students must take a minimum of 9 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 12 additional hours of elective coursework in the Department of Communication at the 3000-level or higher, which must include at least 6 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 Honors Thesis. Application to the program ordinarily occurs during the second semester of the junior year or prior to completion of 90 semester hours. Admission to the program is based on the student's overall academic record, performance in communication courses, and recommendations of faculty. To be admitted to the program, a student should have at least a 3.5 GPA in all communication courses and a 3.0 cumulative GPA. Students are required to complete 3 hours of Honors Reading and 3 hours of Honors Thesis. Students interested in the Honors Program should consult the department for further information about admission and program requirements.

Requirements for the Minor in Communication

The minor in Communication is available to students pursuing any other major at USF. The minor in Communication requires a minimum of 18 hours of departmental coursework, including:

- SPC 2600 Public Speaking
- COM 2000 Introduction to Communication

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 a 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 settings with clients who require American Sign Language Interpretation skills due to their hearing impairment or deafness. Students interested in these concentrations should contact the Department of Communication 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. BSC 2085 Human Anatomy & Physiology I 3
IV. or equivalent work such as:
V. BSC 105SL Human Anatomy & Physiology I Lab 1
VI. BSC 2093 Human Anatomy & Physiology I and
VII. PHY 2020 Conceptual Physics 3

II. Demonstrate the foreign language requirement

NOTE: Students who select ASL as their foreign language and are seeking a bachelor of arts degree in DST are required by the Department of Communication Sciences and Disorders to complete satisfactorily at least one upper level course in ASL at the University of South Florida or to demonstrate proficiency in ASL.

III. Admission to the program of study for Interpreters Training (ITT) requirement: ability to use ASL at the intermediate level of a standardized ASL competency test such as the Sign Communication Proficiency Index (SCPI) or other equivalent evaluation. Completing a community college interpreter training program curriculum is highly recommended.

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

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

Students are encouraged to join the USF chapter of the National Student Speech-Language-Hearing Association. This group is affiliated with the American Speech-Language-Hearing Association (ASHA) and has many membership benefits.
A. General Information and Upper-level Requirements for the Degree

All undergraduates seeking enrollment in this department must be in good academic standing as undergraduate students at the University of South Florida. Prior to beginning coursework in the junior year in the department, students should complete general education requirements, and have achieved 60 semester hours of coursework. Students with advising concerns relative to their first 60 semester hours are encouraged to meet with undergraduate departmental advisors since required and recommended courses for admission into the LSH or DST concentration will also meet other university requirements.

B. Recommended prerequisites

Required Courses:
- BSC 2085 Human Anatomy and Physiology I
- BSC 2085L Human Anatomy and Physiology I Lab
- BSC 2093 Human Anatomy & Physiology I
- PHY 2020 Conceptual Physics
- PSY 2012 Introduction to Psychological Science or equivalent

C. Speech-Language--Hearing Concentration (LSH) (min. 48 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 3112 (3) SPA 4222 (3)
- SPA 3004 (3) SPA 3310 (3) SPA 4555 (3)
- SPA 3011 (3) SPA 4050 (3) SPA 4632 (3)
- SPA 3030 (3) SPA 4201 (3) SPA 4930 (6)
- SPA 3101 (3) SPA 4210 (3) STA 2122 (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 comprehensive practical exit examination and successful completion of the National Registry of Interpreters for the Deaf (NRID) written examination.

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

New students are not being admitted to the DST Major for the 2007/2008 year while the curriculum is being restructured.

The DST concentration seeks to educate students to communicate with the deaf and to apply this knowledge in work settings where knowledge of the deaf culture is essential for the provision of social services. This DST concentration is not intended to prepare interpreters for the deaf although exceptionally proficient students may qualify as interpreters. This concentration also does not qualify students for admission into the M.S. programs in Speech-Language Pathology or Deaf Education, nor the Doctor of Audiology Program. Those students choosing to become teachers of the deaf must complete 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 2612C (4) SPA 3633 (3) SPA 3615 (2)
- SPA 3004 (3) SPA 2613C (4)
- SPA 3030 (3) SPA 4614C (4) SPA 4632 (3)
- SPA 3310 (3) SPA 4617C (4)
- Other electives (6).

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

New students are not being admitted to the DST Major for the 2007/2008 year while the curriculum is being restructured.

The DST concentration seeks to educate students to become interpreters for deaf individuals. A program of 56-59 credit hours is planned for the student majoring in the Interpreter Training concentration. Course content is distributed across 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 Applications of Interpreting
5. Professional Practices of the Interpreter
6. Internship

Students wishing to enter the ITT major must successfully complete SPA 2612C, SPA 2613C, SPA 4614C and SPA 4615C (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 2612C Basic American Sign Language
- SPA 2613C 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 3650 (3) SPA 4656 (4)
- ISS 3010 (3) SPA 3664 (4) SPA 4657 (4)
- LIN 3010 (3) SPA 3665 (4) SPA 4658 (4)
- SPA 3673 (3) SPA 3666 (3) SPA 4685 (4)
- OR SPA 4654 (2) SPA 4691 (3)
- SPA 3310 (3) SPA 4962 (1)

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.
The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and 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

Requirements for the Major in Economics
Prerequisites (State Mandated Common Prerequisites)

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 should also take CCJ 4700 as one of their electives within the major.

These residency 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
A minimum of 18 hours is required of all Undergraduate minors in Criminology including:
1. The following two required courses:
   - CCJ 3024 (3)
   - CCJ 3610 (3)
2. An additional 12 semester hours of electives within Criminology.

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.

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   - CCJ 3701 (3)**
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   - 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 should also take CCJ 4700 as one of their electives within the major.

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2. An additional 12 semester hours of electives within Criminology.

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.
ECO 3203 Intermediate Macroeconomics (3)
QMB 3100 Business and Economic Statistics I (3)
QMB 3200 Business and Economics Statistics II (3)
Economics electives numbered 3000 or higher (15)
ECP 3703, Managerial Economics (formerly ECO 3100), may be substituted for ECO 3101. Students may not take both 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 ECP 3703 (formerly ECO 3100) in order to enroll in any course for which ECO 3101 or ECP 3703 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 graduate Advisor. A grade point average of 2.0 or higher must be achieved in the minor course work at USF and in all minor course 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. The English Department does not accept Sign Language as a foreign language.
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 3
AMH 2020 American History II 3
EUH 2021 Medieval History I 3
EUH 2022 Medieval History II 3

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
2. Four of the following:
   ENL 3015 British Literature to 1616
   ENL 3230 British Literature 1616-1780
   ENL 3251 British Literature 1780-1900
   ENL 3273 British Literature 1900-1945
   ENL 3331 Early Shakespeare or
   ENL 3332 Late Shakespeare
   CRW 3111 Form & Technique of Fiction
   CRW 3312 Poetry I
   CRW 3321 Poetry II
   CRW 4120 Fiction III
   CRW 4320 Poetry III
   CRW 4930 Selected Topics in Creative 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 3604 African-American Literature
   AML 4300 Selected American Authors
   ENL 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 4930 Selected Topics in English Studies

   **Group B**
   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
   LIT 4930 Selected Topics in English Studies

4. Enc 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 3111 Form & Technique of Fiction
   CRW 3311 Form & Technique of Poetry
   Any three of the following:
   CRW 3112 Fiction I
   CRW 3121 Fiction II
   CRW 3312 Poetry I
   CRW 3321 Poetry II
   CRW 4120 Fiction III
   CRW 4320 Poetry III
   CRW 4930 Selected Topics in Creative Writing
   **Note:** CRW 3111 must be taken before any other courses in the Fiction series, and CRW 3311 must be taken before any other courses in the Poetry series.

2. **Literature Requirements: 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.

**OPTION III: Professional and Technical Writing**

This 36-hour program allows undergraduates to concentrate 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:
   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
   AML 3604 African-American Literature
   AML 4300 Selected American Authors
   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 4930 Selected Topics in English Studies

2. One course at the 4000 level listed in major OPTION I

3. One additional 3000- or 4000-level course accepted for the major with AML, CRW, ENC, ENG, ENL, LIN, or LIT prefix.

**Creative Writing Minor (15 hours)**

1. CRW 3111 Form & Technique of Fiction
2. CRW 3311 Form & Technique of Poetry
3. 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
2. ENC 4260 Advanced Technical Writing
3. Any two of the following courses:
   ENC 3250 Professional Writing
**Environmental 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 9 hours of English Honors courses (ENG 4935, ENG 4936, ENG 4970) with a 3.0 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 (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 Department of Geography 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, 1 semester of organic chemistry and lab, and 4 electives within designated categories. Finally, all majors must complete an upper division seminar and an internship or project. The 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.

  - Biology I and II with Lab
- **CHM 2045 & CHM 2045L General Chemistry & Lab**
- **CHM 2046 & CHM 2046L General Chemistry II & Lab**
- **STA 2023 Statistics**

One approved Geology or Physics Course with Lab

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
- MAC 2282 Engineering Calculus 4
- 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 4910 ESP Project
- EVR 4940 ESP Internship

Calculus
- MAC 2241 Life Science Calculus
or
- MAC 2281 Engineering Calculus
or
- MAC 2311 Calculus

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 Lab
or
- PHY 2048L General Physics Lab
- PHY 2053 General Physics
- PHY 2053L General Physics Lab

Science Track
- MAC 2242 OR MAC 2282 OR MAC 2312 and CHM 2210 and CHM 2210L plus 4 approved science-related electives. Please contact the Program office for a current list of electives under these categories.

Policy Track
- ECP 3302 and POS 3697 plus four approved policy-related electives.
- Please contact the Program office for a current list of electives under this category. The Program is located in NES 200 or you may call (813) 974-0443.

Requirements for the Minor in Environmental Policy

A total of 19-20 credits are required for the minor in Environmental Policy, 12 of which must be completed at USF. The Minor in Environmental Policy consists of the following program outline:

Required core courses:
- EVR 2001 Introduction to Environmental Science
- EVR 2001L Introduction to Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy

Three of the following four courses:
- PUP 4203 Environmental Politics and Policy
- PHI 3640 Environmental Ethics
- ECP 3302 Environmental Economics (prerequisite: ECO 2023 Microeconomics)
- 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:

- 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)
Courses

96 COLLEGE OF ARTS AND SCIENCES

Supporting Courses (4 courses):
With the help of their advisor, majors must select 4 courses (or 16 credits) from among the following list for their additional course work:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 3602</td>
<td>Urban Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4114C</td>
<td>Geotechnical Techniques &amp; Methodology</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4204C</td>
<td>Topics in Physical Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4210</td>
<td>Process Geomorphology</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4244</td>
<td>Tropical Meteorology</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4265</td>
<td>Soil Genesis and Classification</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4280C</td>
<td>Hydrology</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4284</td>
<td>Water Resources Management</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4330</td>
<td>Biogeography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4340</td>
<td>Natural Hazards</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Global Conservation</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4421</td>
<td>Cultural Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4471</td>
<td>Political Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4502</td>
<td>Economic Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4604</td>
<td>Topics in Urban Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4700</td>
<td>Transportation Geography</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 4930</td>
<td>Selected Topics</td>
<td>(4)</td>
</tr>
<tr>
<td>GIS 4035C</td>
<td>Remote Sensing of the Environment</td>
<td>(4)</td>
</tr>
<tr>
<td>MET 4002</td>
<td>Climatology</td>
<td>(4)</td>
</tr>
<tr>
<td>MET 4010C</td>
<td>Meteorology</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Courses Excluded as Electives for the major:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1930</td>
<td>Geography of Current Events</td>
<td>(4)</td>
</tr>
<tr>
<td>GEO 2371</td>
<td>Earth System Science</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Only 4 combined hours of the following courses may be applied toward the degree:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4900</td>
<td>Directed Reading</td>
<td>(1-4)</td>
</tr>
<tr>
<td>GEO 4910</td>
<td>Individual Research</td>
<td>(1-4)</td>
</tr>
</tbody>
</table>

Minimum Requirements for Major

Students must earn a C- or better in all major course work. 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:

- GEO 2200 (3)
- GEO 2200L (1)
- GEO 2400 (4)

One GEO 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 requirements in another major.

- GEOLOGY (GLY)
  The Department of Geology offers programs leading to Bachelor of Arts, Bachelor of Science, Master of Science, and Doctor of Philosophy degrees. Geology is one of the broadest of all sciences because of its dependence on fundamentals of biology, chemistry, mathematics, and physics as applied to the study of the earth. As a result, undergraduate students are expected to obtain a broad background in the other sciences as well as a concentration in geology.

  The Bachelor of Science degree program provides the student with a hands-on foundation in the fundamentals of the geosciences. The Bachelor of Arts program is designed primarily for the liberal arts student who has an interest in the subject but who is not preparing for a career in the field, or for the pre-professional school student. A student who elects the B.A. program and decides to pursue the geology profession or attend graduate school will need at least physics and field geology in his/her program.

  The graduate program in geology allows the student to pursue advanced studies in nearly all areas of geology. As a result of faculty interests and geographic location, several geologic subdisciplines are emphasized, including applied geophysics, coastal geology, geomorphology, geochemistry, hydrogeology, paleontology, petrology, volcanology and geoscience education.

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they (or their equivalents) must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

- CHM 1045/1045L General Chemistry I (with lab) or CHM 1045C or CHM 1045E
- CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E
- GLY 2010C Introduction to Physical Geology
- MAC 2311 Calculus I
- PHY 2048C General Physics and Laboratory I or PHY 2048/2048L or PHY 2053C
- PHY 2049C General Physics and Laboratory II or PHY 2049/2049L or PHY 2054C

The choice physics sequence depends on the area of geology specialization.

Requirements for the Major in Geology (BA)

1. Geology courses (38 hours):
   a. Introductory Sequence* (4 hours):
      1) One course chosen from GLY 2000, GLY 2010, GLY 2030, GLY 2100, and OCE 2001 (3)
      2) GLY 2000L (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 2000L, 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 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)
      - 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 (4)
c. Senior-Level Sequence (12 hours):
   · GLY 4866 Computational Geology (3)
   · GLY 4921 Geocommunications (3)

2. Supporting Courses for the B.S. 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

   Two courses in biology or physics with labs selected from the following: BSC 2010 and 2010L, BSC 2011 and 2011L, PHY 2053 and 2053L, PHY 2054 and 2054L, PHY 2048 and 2048L, PHY 2049 and 2049L

   **Requirements for the Major in Geology (BS)**

1. Geology courses (44 hours):
   a. Introductory Sequence* (4 hours):
      1) One course chosen from GLY 2000, GLY 2100, GLY 2010, GLY 2030, and OCE 2001 (3)
      2) GLY 2000L (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 2000L, 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 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)
      · 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 (4)

   c. Senior-Level Sequence (12 hours):
      · GLY 4866 Computational Geology (3)
      · GLY 4921 Geocommunications (3)
      and either:
      · GLY 494XL Practical and Applied Geology (6)
      Must take at least one each of computational, field, and laboratory experience or:
      · A Geologic Field Course and/or Summer Research Experience, as defined and approved by the Department Undergraduate Committee. Non-traditional research experiences (i.e., NSF-supported Research Experiences for Undergraduates summer programs) are acceptable provided the student concurrently registers for six hours of Geologic Field Studies (GLY 4780) to meet credit hour requirements, and their research supervisor provides the Undergraduate committee with an assessment of student activities during the program.

2. Supporting Courses for the B.S. Degree (28 hours):
   · MAC 2281, MAC 2282 (recommended) or MAC 2311, MAC 2312
   · BSC 2010, 2010L
   · CHM 2045, 2045L, CHM 2046, 2046L
   · PHY 2048, 2048L, PHY 2049, 2049L (recommended) or PHY 2053, 2053L, 2054, 2054L

   **Liberal Arts Requirements**
   All students are required to complete the University’s Liberal Arts Requirements.

   **Free Electives (19-25 hours)**
   The student will choose, in consultation with his/her geology advisor, such courses in the natural sciences that support his/her major interest in the field of geology. Courses in computer programming and additional mathematics are of particular value. Those students who anticipate continuing for a doctorate in graduate school are encouraged to take a foreign language, preferably French, German, or Russian.

   D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.

   **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
   - CSG X000 Computers in Business or EME X402, COC X317, CSG X101, X361, X001, X060, or CGS 1061
   - GEY X000 Introduction to Gerontology
   - STA X122 Social and Science Statistics or QMB 2150, STA 2022, STA X013, STA X014, STA X040, STA X023, STA X024, or QMB X100

   The transfer student 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
   - CSG X000 Computers in Business or EME X402, COC X317, CSG X101, X361, X001, X060, or CGS 1061
   - GEY X000 Introduction to Gerontology
   - STA X122 Social and Science Statistics or QMB 2150, STA 2022, STA X013, STA X014, STA X040, STA X023, STA X024, or QMB X100
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 in areas 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 4401 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:

- GEY 2000 Introduction to Gerontology (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 4641 Death and Dying (3)
- GEY 4945 Field Placement (9)
- MAN 3002 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 and specified in Chapter 212.11 of the Florida Administrative Code.

Students in the B.S. program should understand that they will only be allowed to register for the full-time internship (GEY 4945) after successful completion of all (or all but one) of the required courses in the B.S. major. Because the B.S. internship requires full-time effort, students will be allowed to take no more than four (4) credits concurrent with the B.S. internship.
Required Supporting Courses

Students must pass a 2000 level foreign language course (that is, at least one semester of foreign language study beyond the first year introductory courses), or complete one year of study of 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)
- INR 4936 Senior Seminar -MW (3)
- Plus one topical and one area studies course chosen from the INT upper division electives.

Required Core Courses (12 credit hours)

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 Thought

- POS 2041 American National Government (3)
- POT 3003 Introduction to Political Theory (3)
- POS 3713 Empirical Political Analysis (3)

Field II Comparative Government and Politics

- CPO 2002 Introduction to Comparative Politics (3)
- INR 2002 Introduction to International Relations and
- POS 4905, POS 4910, and POS 4941.

Field III International Relations

- INR 3102 (3) INR 3370 (3) INR 4403 (3)
- INR 3038 (3) INR 4935 (3) INR 4952 (3)
- INR 3336 (3) INR 4254 (3) INR 5086 (3)
Field IV  American National and State Governments
  POS 2080 (3) POS 3453 (3) POS 5094 (3)
  POS 2112 (3) POS 4204 (3) PUP 4323 (3)
  POS 3173 (3) POS 4413 (3)
  POS 3182 (3) POS 4424 (3)

Field V  Urban Government and Politics
  POS 3142 (3) POS 5155 (3) URP 4050 (3)

Field VI  Public Policy
  INR 3102 (3) PUP 4203 (3) PUP 5607 (3)
  PUP 4002 (3) PUP 4323 (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) POT 4936 (3)

Requirements for the Minor in Political Science
A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 (or INR 2002), POS 2041, and POT 3003. 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/he 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 curricu-
courses with courses offered in International Studies, Management, Economics, Business Administration, Foreign Languages, and Public Administration.

Public Administration (PAD)
The Public Administration Program offers courses that serve as electives for undergraduate students. Completion of these courses will benefit those students preparing for a career in local, state, or federal agencies of government, 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.

- PAD 3003 Introduction to Public Administration
- PAD 4144 Nonprofit Organizations and Public Policy
- PAD 4204 Public Financial Administration
- PAD 4419 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 5044 Environment of Public Administration
- PAD 5333 Concepts and Issues in Public Planning
- PAD 5605 Administrative Law and Regulation
- PAD 5700 Research Methods in Public Administration
- PAD 5807 Urban and Local Government Administration
- PAD 5836 Comparative Public Administration
- POS 5159 Urban Policy Analysis
- An undergraduate minor in Public Administration has recently been approved.

For further information, please contact the Public Administration Program.

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 5159 Urban Policy Analysis
- PAD 5044 Environment of Public Administration
- PAD 5836 Comparative Public Administration
- PAD 5035 Issues in Public Administration and Public Policy
- PUP 4002 Public Policy

• 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 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 3398) and “War and Society” (HIS 3308) are not eligible for minor field credit.

- **HUMANITIES & AMERICAN STUDIES (HUM/AMS)**

  The Department of Humanities and American Studies offers students a choice of two undergraduate degrees, one in Humanities and one in American Studies. Students may also minor in each area. For more specific details, students are advised to consult the description of each specific program below.

  **HUMANITIES (HUM)**

  The Humanities Program offers an interdisciplinary curriculum that investigates the visual arts, music, literature, and the cultures from which they emerge.

  **Requirements for the Major in Humanities**

  **Recommended Prerequisites (State Mandated Common Prerequisites)**

  Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

  The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

  Students are encouraged to complete the following major, support, or elective courses, if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

  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. HUM 3331 is offered only in fall semester; HUM 4931 is offered only in spring semester.
  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. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

  The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

  Students are encouraged to complete the following major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

  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. AMS 2030 (Introduction to American Studies). 3 credits
  2. 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.
  3. One additional 3000-level period course (e.g. AMS 3230, AMS 3001, AMS 3260). 3-4 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. 6-8 additional AMS credit hours.
8. 9-10 additional credit hours of supporting courses (e.g., American Literature, American History) to be chosen in consultation with the undergraduate advisor.

Requirements for the Minor in American Studies

18 credit hours distributed as follows:
1. AMS 2030 (Introduction to American Studies). 3 credits.
2. One 2000-level survey course (AMS 2201, AMS 2212, AMS 2270). 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

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.

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.

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)
   The ISS student chooses between two cognate areas and completes twelve hours in each. In addition, three special electives emphasize cultural diversity.
2. 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.
3. 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.
4. Students must maintain a minimum grade point average of 2.0 in ISS to graduate.
5. ISS majors must satisfy two semesters of a foreign language in order to graduate.
6. 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:

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 (STA 2122) is the third core course required for majors in Interdisciplinary Social Sciences.

Recommended Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.
Program Admission Procedure and Upper-level Course Requirements

Students must apply for admission to the program separately from applying to the university. To apply for the Liberal Studies Program, students must (1) have completed a minimum of 20 and no more than 80 semester hours, (2) have a minimum overall grade point average of 3.00 at the time of admission, and (3) submit a written proposal and program of study, explaining the student’s special academic circumstances and goals for which this major is appropriate. This proposal must be approved by a faculty committee of three professors (Chair to be selected by the student) to be assembled by the student and the director of the major.

The student must complete the General Education Requirements (and all other university requirements), and a minimum of 4 semesters of one foreign language. The remaining hours will be devoted to interdisciplinary study in the College of Arts and Sciences. Ideally, the hours will include courses in the social sciences, humanities, and natural sciences. In the student’s last semester, the faculty committee must approve a senior paper.

For information, contact the Associate Dean for Graduate and Undergraduate Studies in BEH 201.

• **Library and Information Science (LIS)**

The School of Library and Information Science offers undergraduate courses to meet a wide range of information literacy needs in support of the university’s academic programs. The courses provide the understanding and skills needed to access essential information resources in an increasingly information-driven, technological world, whether in support of scholarship in academic disciplines or the occupational demands of society.

Students must take a variety of courses that will prepare them to access and evaluate these information resources. Topics taught in these courses include using the modern, electronic library and the Internet to meet academic, professional, and personal information needs, and designing websites that meet professional standards.

The School’s faculty will advise those undergraduates interested in graduate study in librarianship. The American Library Association accredits the Library and Information Science Master’s program, and graduates are prepared for professional positions in all types of libraries, media centers, and information agencies. The Library and Information Science program at the University of South Florida meets the Florida State Board of Education requirements for certification as an Educational Media Specialist (grades K-12).

For more information, visit our web site at [http://www.cas.usf.edu/lis/](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 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 3944, 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 (MMC 1940 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, courses taken 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.

A 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 prerequisite courses for each course. Students also should note that the Mass Communications major is a four-semester program at a minimum and the majority of courses are offered only during the day.

Prerequisites (State Mandated Common Prerequisites)

This is a limited access program. Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet
the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students must complete 18 semester hours outside the Mass Communications curriculum and beyond the 36 hours general education requirements prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. A grade of "C" is the minimum acceptable grade. Students are encouraged to complete the following prerequisites, or major, support, or elective courses if available, during the program of study at the community college, and when feasible in General Education/ Gordon Rule courses.

English Composition (minimum grade of "C") (6)
MMC 3602 Mass Communications and Society (3)
Prior to being admitted to the School of Mass Communications, a student must:
Complete a minimum of 45 semester hours including all General Education requirements and six hours of English composition (with a minimum grade of "C"), earn a 2.75 overall GPA, and pass a School-administered English Diagnostic Test.

A maximum of nine semester hours in Mass Communications courses will be accepted from a community college or other lower-level program toward a degree in Mass Communications. It is suggested that the nine hours include the equivalent of the School core curriculum and one sequence introduction course. Approval by an appropriate advisor is required.

Required Upper-level Coursework for the Mass Communications Major
School Core Curriculum
MMC 2100 Writing for the Mass Media
MMC 3602 Mass Comm and Society
Sequence Requirements
1. ADVERTISING Requirements
   ADV 3000 Introduction to Advertising
   ADV 3001 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
CRW 2100 Narration and Description
PHI 1103 Critical Thinking
POS 2041 American National Government
POS 2112 State and Local Government and Politics

3. PUBLIC RELATIONS Requirements
ADV 3000 Introduction to Advertising
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 4201 News Editing I
MMC 4200 Communications Law
MMC 4203 Media Ethics

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
MAR 3023 Basic Marketing
POS 3142 Intro to Urban Politics & Government

SYG 2010 Contemporary Social Problems

Magazine Option
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 3308 Magazine Article and Feature Writing
JOU 4201 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

3. PUBLIC RELATIONS Requirements
ADV 3000 Introduction to Advertising
JOU 2100 Beginning Reporting
JOU 3101 Advanced Reporting
JOU 4201 News Editing I
MMC 4200 Communications Law

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
POS 2112 State and Local Government and Politics

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 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

VIS 3943 Visual Communications Practicum
MMC 4203 Media Ethics
MMC 4936 Selected Topics: Visual Communication and New Media

Selective Requirements (6 hours required, selected with advisor’s approval)
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
- POS 2112 State and Local Government and Politics
- 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 and STATISTICS (MTH/STC)

The Department of Mathematics and Statistics offers a diversity of courses designed not only to enable the student to pursue professions in mathematics and statistics, 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 programs emphasize the broad nature of modern mathematics and statistics and its close associations with the real world. The programs are designed to prepare students for entry into graduate school or careers in industry or secondary education.

The Department of Mathematics and Statistics 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.

Minimum Grade Requirements

In general, grades of C- or better are required for courses in the mathematics major and minor and in the statistics major. However, C- is not an acceptable grade for any course that is being used as a prerequisite for a follow-on course. For these courses a grade of C (2.00 grade points) or better is required.

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.

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 who complete the following prerequisite courses is 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 (4)
- MAA 4402 Complex Variables (3)
- MAD 4401 Numerical Analysis (3)
- MAD 4504 Theory of Computation (3)
- MAD 5305 Introduction to Graph Theory (3)
- MAP 2302 Differential Equations (3)
- MAP 5345 Applied Partial Differential Equations (3)
- MAP 5407 Methods of Applied Mathematics (3)
- MAS 4156 Vector Calculus (4)
- MAS 4301 Elementary Abstract Algebra (4)
- MAS 5215 Number Theory (3)
- MAT 4970 Mathematics Senior Thesis (3)
- MHF 4403 Early History of Mathematics (3)
- MHF 4406 History of Modern Mathematics (3)
- MTG 4214 Modern Geometry (3)
- MTG 4302 Introduction to Topology (3)
- STA 4321 Essentials of Statistics (3)
- STA 4442 Introduction to Probability (3)

Special Notes.

Majors who complete both MHF 4403 and MHF 4406 may count only one of these towards the Elective Requirement above.

MAT 4930, Selected Topics in Mathematics, or 5000-level mathematics courses may be taken as electives, with the approval of the Undergraduate Advisor.

One or two courses from another department which are of high mathematical content may also be taken as electives, with the approval of the Undergraduate Advisor and the Chairman.

Majors wishing to take a course in statistics should first take STA 4442 and then STA 4321.

Majors wishing to continue towards a graduate degree in mathematics should take MAS 4301 and MAA 4211. (See also the sections on the Honors Program and the Accelerated BA/MA Program below.)

2. Mathematics-related Courses (Min. 6 credit hours)

Majors must take two courses in science or engineering which are required courses for the majors within those departments. The two courses need not be in the same department. Science courses must include laboratories and be offered by the Departments of Biology, Chemistry, Geology, or Physics.

HONORS PROGRAM IN MATHEMATICS

The program is designed for students who wish to obtain a B.A. degree that will indicate unusual strength in the field of mathematics. Successful completion of the program will be prominently displayed on the student’s diploma and will be recorded on the official USF transcript of the student’s work.

Students are eligible for admission to the program when they

1. have completed MAS 4301, Elementary Abstract Algebra,
2. have at least a 3.0 grade point average for all college courses, and
3. have at least a 3.5 grade point average for mathematics courses.

Applications are submitted to the Undergraduate Committee of the Department of Mathematics.

The requirements for a B.A. degree in mathematics with honors are as follows:

1. completion of the requirements of the major in mathematics,
2. completion of MAA 4211, Intermediate Analysis I,
3. completion of MAT 4970, Mathematics Senior Thesis,
4. completion of eight mathematics courses at or above the 4000-level,
5. at least a 3.0 average for all college courses, and
6. at least a 3.5 average for mathematics courses.

ACCELERATED BA/MA PROGRAM

This program is designed for superior students having a solid background in high school mathematics and the ability to handle a fast paced, challenging program leading to a BA and MA degree in mathematics in four to five years.

The program meets all the requirements for the BA degree, but requires the student to take those graduate level courses required for the MA degree during the second 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)

   Either
   - MAC 2311 Calculus I
   - MAC 2312 Calculus II
   - MAC 2313 Calculus III
   - MAC 2283 Engineering Calculus III
   - MAC 2282 Engineering Calculus II
   - MAC 2281 Engineering Calculus I
   - MGF 3301 Bridge to Abstract Mathematics
   - MAS 3105 Linear Algebra

2. Elective Courses (Min. 6 credit hours)

   Any 2 mathematics courses that are required or elective for the major in mathematics.

Requirements for the Major in Statistics

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
(Fortran, FORTRAN, C, C++, or C++)

**MAC X311** Calculus I
**MAC X312** Calculus II

Students must also complete one laboratory based science course, 4 semester hours total, from the respective science majors: Biology, Chemistry, Geology, or Physics.

**MAJOR IN STATISTICS**

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.

**Statistics Requirements (Minimum 45 credit hours)**

**Core Requirement.** Majors must complete the following five courses (Min. 19 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2312 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2313 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MAC 2281 Engineering Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2282 Engineering Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2283 Engineering Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>Also</td>
<td></td>
</tr>
<tr>
<td>COP 4313 Symbolic Computations in Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>STA XXXX Computational Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Plus completion of one of the three lab-based science courses below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC XXXX/XXXXXL</td>
<td>4</td>
</tr>
<tr>
<td>CHM XXXX/XXXXXL</td>
<td>4</td>
</tr>
<tr>
<td>PHY XXXX/XXXXXL</td>
<td>4</td>
</tr>
</tbody>
</table>

**Required Courses (13 cr. hrs.):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2023 Introductory Statistics I</td>
<td>4</td>
</tr>
<tr>
<td>STA 3024 Introductory Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>STA 4321 Essentials of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>STA 4442 Introduction to Probability</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Requirement:** Majors must complete four courses from the following electives (Min. 12 cr. hrs.).

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 4502 Nonparametric Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>STA 4504 Categorical Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>STA 4702 Multivariate Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>STA 4821 Stochastic Processes</td>
<td>3</td>
</tr>
<tr>
<td>MAP 2302 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAS 3105 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 4930 History of Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Special Notes.**

One or two courses from another department which are of high statistical content may be taken as electives, with the approval of the Undergraduate Advisor and the Chairman.

Mat 4930, Selected Topics in Mathematics, or 5000-level statistics courses may be taken as electives, with the approval of the Undergraduate Advisor.

**PHILOSOPHY (PHI)**

**Recommended Prerequisites (State Mandated Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

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

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

Students are encouraged to complete the following courses if available during the program of study at the community college and when feasible in General Education/Gordon Rule courses. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

**Mathematics (any course).**

**Foreign Languages (Beginning and Intermediate German, French, or Latin) (1120-1121 level and 2200-2201 level) Classics (CLT, CLA for example)**

**Requirements for the Major in Philosophy**

Majors in philosophy must complete at least 30 credit hours comprised of the following:

a. PHI 3062 History of Philosophy: Ancient and Medieval
b. PHI 3400 History of Philosophy: Modern
c. PHI 2101 Introduction to Formal Logic or PHI 5135 Symbolic Logic
d. PHI 4670 Contemporary Ethical Theory
e. PHI 4300 Theory of Knowledge or PHI 3404 Philosophy of Science
f. PHI 4320 Philosophy of Mind or PHI 5225 Philosophy of Language
g. 6 credit hours of 4000 or 5000 level Philosophy courses
h. 6 credit hours of Philosophy electives

**Requirements for the Minor in Philosophy**

A minor in philosophy consists of the completion of at least 18 credit hours, which includes the following courses or an approved substitute for one only:

a. PHI 3062 History of Philosophy: Ancient and Medieval
b. PHI 3400 History of Philosophy: Modern
c. PHI 4670 Contemporary Ethical Theory or PHI 3786 Existentialism
d. PHI 4320 Philosophy of Mind or PHI 4304 Philosophy of Science
e. 6 credit hours of Philosophy electives

No credit taken on an "S/U" basis may be applied toward the minor.

**Honors Program**

The Honors Program in Philosophy allows superior students to pursue philosophical studies at a more advanced level than is customary in undergraduate philosophy programs. Students in the Honors Program will be required to do independent research and to write and defend an undergraduate thesis.
Admission Criteria:
1. Students must already have declared a major in Philosophy.
2. Students must complete 9 hours in Philosophy at the 3000 level or higher (PHI 2101 may count toward the 9 hours).
3. Students must have an overall grade point average of 3.0, and their grade point average in Philosophy must be at least 3.5.
4. 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
   PHH 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. 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.

**PHYSICS (PHY/PHS)**

The Department of Physics offers undergraduate programs leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. The B.A. program is designed for students interested in a more general education in physics. The curriculum allows enough flexibility in electives to enable students to combine a physics major with another major in such areas as mathematics, biology, chemistry, computer science, engineering, business, and teacher education. The B.S. program is for students planning to pursue graduate studies in physics, applied science or engineering. For those students who desire additional capabilities in physics beyond the General Physics sequence, they may pursue a Minor in Physics or Biomedical Physics.

At the undergraduate level, the Department of Physics offers three Master’s degree programs (Master of Science in Physics, Master of Science in Applied Physics and Dual-Master Degrees in Physics and Engineering Science) and a Ph.D. degree program in Applied Physics.

**Requirements for the Majors in Physics**

**Prerequisites (State Mandated Common Prerequisites)**

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

**Coursework for Majors in Physics**

1. **Physics Courses**
   - **B.A. PHYSICS (PHY)** (34 credit hours)
     - PHY 2048 General Physics I (3)
     - PHY 2048L General Physics I Lab (1)
     - PHY 2049 General Physics II (3)
     - PHY 2049L General Physics II Lab (1)
     - PHY 3101 Modern Physics (3)
   - **B.S. PHYSICS (PHY)** (44 credit hours)
     - PHY 2048 General Physics I (3)
     - PHY 2048L General Physics I Lab (1)
     - PHY 2049 General Physics II (3)
     - PHY 2049L General Physics II Lab (1)
     - PHY 3101 Modern Physics (3)
     - PHY 3322 Mechanics I (3)
     - PHY 3822L Intermediate Lab (3)
     - PHY 3323 Electricity and Magnetism I (3)
     - PHY 4222 Mechanics II (3)
     - PHY 4910 Undergraduate Research (1-4)
     - PHY 4823L Advanced Laboratory (3)

2. **Required Supporting Courses in Natural Sciences**
   - MAC 2311 Calculus I or MAC X281
   - MAC 2312 Calculus II or MAC X282
   - MAC 2313 Calculus III or MAC X283
   - PHY 2048/2048L General Physics I or PHY 2048C
   - PHY 2049/2049L General Physics II or PHY 2049C

3. **Liberal Arts Requirements**
   - General Education Requirements (36 credit hours); Exit Requirements (9 credit hours)
   - The student is required to complete the university’s Liberal Arts Requirements.

4. **Free Electives**
   - Courses over and above required courses should be taken to complete a 120-hour program.
5. Residency Requirement
A minimum of 20 credit hours of physics courses (see 1 above) in residency.
6. D and F grades earned in attempting to satisfy major require-
ments will be used in calculating the major GPA.

Requirements for the Minor in Physics
A minor in Physics consists of 19 credit hours which includes:

Required Courses
PHY 2048 or 2053 General Physics I (3)
PHY 2048L or 2053L General Physics I Lab (1)
PHY 2049 or 2054 General Physics II (3)
PHY 2049L or 2054L General Physics II Lab (1)
PHY 3101 Modern Physics (3)

Elective Courses (Pick from list below) (8 credit hours)
PHY 3221 Mechanics I (3)
PHY 3323 Electricity and Magnetism I (3)
or Electives subject to approval of undergraduate advisor.

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 Appt of Phy to Bio. & Medicine I (4)
PHZ 4703 Appt 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 19 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 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 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 Introduction to Psychological Science (if not already taken at a community college)
   PSY 3204 Psychological Statistics
2. Methods Course Requirement (7 semester hours)
   PSY 3213 Research Methods in Psychology
   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

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 offers the scientific study of behavior and mental processes. Because of this focus, psychology is rele-
vant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to 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)

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Requirements for Psychology Majors
1. 2000/3000 Level Requirement (6 semester hours)
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2. Methods Course Requirement (7 semester hours)
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   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

Teacher Education Programs
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vant to many other areas of study both inside and outside of the social and behavioral sciences. The undergraduate program in Psychology offers the student a well-rounded liberal arts education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive and Neural Sciences or Industrial Psychology, Education, Gerontology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field. Interested undergraduate majors may apply for admission to 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.
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 may 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 three, 15-semester hour, graduate certificate programs: (1) Addictions and Substance Abuse Counseling; (2) Post-Masters in Marriage and Family Therapy; and (3) Certificate in Rehabilitation Technology. The Department also offers the Addictions and Substance Abuse Counseling and Marriage and Family Therapy certificate programs as areas of concentration. Each student must select a program of specialization in either area. The Addictions and Substance Abuse Counseling program is approved by the Certification Board for Addictions Professionals.
Religious Studies Major

Upper-level Requirements and Coursework for the Religious Studies (REL) 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 declare their major.

All majors must take

a. REL 3003 Introduction to Religion (4)
b. REL 4939 Development of Religious Studies (4)
c. An additional 10 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

It is the prerogative of the Department of Religious Studies to determine whether courses taken at other universities may be applied toward the minor at USF. This will be decided as soon as the student declares a minor in the Department of Religious Studies at USF.

Requirements for the Minor in Religious Studies

Students choose a total of 18 credit hours from Religious Studies courses. Transfer students may not apply more than 6 credit hours taken elsewhere toward the minor at USF. Only letter grades will be counted for transfer. Requests for transfer of credit must be made to the Undergraduate Director in writing when declaring a minor.

All minors must take

a. REL 3003 Introduction to Religion (4)
b. REL 4939 Development of Religious Studies (4)
c. An additional 10 credit hours chosen from Religious Studies courses. Students are expected to study at least two different religious traditions.

Requirements for the Honors Program in Religious Studies

The purpose of the Honors Program in Religious Studies is to provide outstanding undergraduates with advanced and individualized learning opportunities in Religious Studies and their areas of special interest in this field. In addition it will serve to facilitate more direct contact between students in the program and their faculty mentors. In this program, students who have demonstrated significant academic achievement will inquire into issues and questions in the study of religion at an advanced level under the guidance of faculty members with demonstrated expertise in their fields of study and a strong commitment to teaching. Upon completion of the program, the student’s transcript will state that the student graduated with Honors in Religious Studies. Application to the program should be submitted during a student’s Junior year. The Honors Committee will review all applicants before selecting no more than 10 individuals for the Honors Programs. Inductees will be notified of their admission to the Honors Program in the Spring term. 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 3.5 in the major.
2. Completion of REL 3003 Introduction to Religion and at least 12 additional hours of course work in the department of Religious Studies with a GPA of at least 3.5 in the major.
3. A letter of recommendation from a Religious Studies faculty member who is familiar with the applicant’s work.
4. A statement from a Religious Studies faculty member expressing her/his willingness to serve as chair of the applicant’s thesis committee.
5. A short essay (2-3) pages by the applicant that includes the following: (a) a statement of the applicant’s qualifications for the program, (b) the applicant’s area(s) of special interest, (c) an explanation of how the program will benefit from the applicant’s inclusion in the program, and (d) the applicant’s post-graduate plans.

Requirements for Completion of the Departmental Honors

1. Completion of the requirements for a Religious Studies major with a GPA of 3.5 or higher in the major.
2. Completion of a USF degree with an overall GPA of 3.25 or higher.
3. Completion of 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 the Minor:

Required Courses for the Minor:
- REL 4911 Undergraduate Research (2)
- REL 4911 Undergraduate Research (3)
- 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 (NASW). 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 as follows:
1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, interventive methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one's obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3203 or SOW 3210. 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 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 allowed to complete an admission interview with a favorable action from the Undergraduate Committee.
5. A student must achieve a grade of "B" or better in SOW 3203, "Introduction to Social Work" and SOW 3210, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST.
A student must achieve a GPA of 2.75 in all Social Work courses to enroll in field placement and subsequently graduate with the B.S.W. degree.

**Requirements for the Major in Social Work**

**Prerequisites (State Mandated Common Prerequisites)**

Social Work is a limited access program. Students wishing to transfer to USF may complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.
African American Studies:

1. A student must successfully complete by earning 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 3203 Introduction to Social Work and SOW 3210 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 Principles of Biology for Non-majors (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 3000 Introduction to Sociology (3)
- SYO 3530 Poverty, Inequality, and Stratification (3)
- SYP 3000 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 (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)
  - AFSC 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 3015 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 3210 American Social Welfare System (3)
- SOW 3203 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 4810 (3) SOW 4510L (6)

Summary:

Core Courses 29 hours
Field Experience 9 hours
TOTAL 38 hours

• SOCIOLGY (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.

ST 2122 Social Science Statistics (3)
SYG 2000 Introduction to Sociology (3)
WST 3015 Introduction to Women’s Studies (3)

Specific Coursework in the Sociology Major

The major consists of a minimum of 36 credit hours of Sociology coursework plus ISS STA 2122: “Social Science Statistics” or its equivalent. All university wide regulations regarding transfer credits and credits needed for graduation apply, at least 27 of the 36 hours of coursework in Sociology must be USF credits. Only courses in which a grade of “C” or better is attained will count toward the minimum hours although lower grades are included in calculating the major GPA.

The minimum of 36 credit hours in Sociology must include the following four core courses (12 hours):

- SYG 2000 Introduction to Sociology (May be replaced with an upper level sociology elective if a total of 12 or more hours of sociology coursework is completed before declaring a Sociology major)
- SYA 3010 Classical Theory
- SYA 3300 Research Methods (Prerequisite: STA 2122 Social Science Statistics or its equivalent)
- SYA 4935 Senior Seminar (Students earning a grade less than “C” in this course must take an additional course in Sociology. In that event, the minimum number of Sociology credits is 39)

The remaining 24 hours of sociology coursework may be comprised of any of the courses offered by the Sociology department with the exception of SYG 2412, “Marriage.” This course counts toward the total number of hours needed to graduate but it does not count toward the minimum number of sociology hours needed for the major. No more than three hours of SYA4910, Individual Research and SYA 4949, Sociological Internship may count toward the 36 hour minimum.

Students are encouraged to make an appointment to talk with the Sociology Department Undergraduate Advisor when they have questions about major requirements or about which electives offered each semester would best meet their educational and career goals.

Requirements for the Minor in Sociology

A minor in Sociology consists of a minimum of 18 credit hours in Sociology, at least 12 of which must be USF credits. Minors must take SYG 2000 Introduction to Sociology and SYA 3010 Classical Theory. No more than three hours of SYA 4910 “Individual Research” may count toward the 18 hour minimum; SYG 2412 “Marriage” does not count toward the total number of minimum hours for the minor. Only courses in which a grade of “C” or better is attained will count toward the minimum hours.

While students do not declare a Sociology minor until application for graduation, they are encouraged to make an appointment with the Sociology Department Undergraduate Advisor if they wish to discuss which Sociology electives offered each semester would best meet their educational and career goals.

Honors Program in Sociology

Through the Undergraduate Honors Program, the Department of Sociology provides its outstanding students with opportunities to work closely with faculty and graduate students with shared interests in specific areas of social experience. Students accepted into the program select a faculty mentor with expertise in the area of study of interest to the student. Under the supervision of this mentor, honors students conduct sociological research in their area of interest culminating in the preparation of an honors thesis. Students apply to the Honors Program in the Spring Semester during their junior year for admission for the following Fall. Admission to the program is competitive. Meeting minimum requirements does not guarantee admission.

Minimum Eligibility Requirements:
1. Junior standing.
2. 12 semester hours of sociology course work with a major GPA of 3.0 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).

• WOMEN’S STUDIES (WST)

Women’s Studies at the University of South Florida offers an interdisciplinary field of study that features and critically examines women’s experiences, taking into consideration historical, cultural, racial, class, and other differences. The department offers a B.A., a minor in Women’s Studies, a concentration in Women’s Color Studies, and a certificate in Women’s Spirituality. 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.

Women’s Studies offers excellent undergraduate preparation as well for:

- Those who wish to apply to law school or to graduate study in a variety of fields, e.g., Urban or Medical Anthropology, Counseling Education, Criminal Justice, Gerontology, History, Rehabilitation Counseling, Social Work, Women’s Studies
- Those who want to focus on women in specific disciplines or professions; and
- Those whose training would benefit from a close scrutiny of the major issues facing women today.

Requirements for the Major in Women’s Studies

Prerequisites (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer with fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university.

No State Mandated Common Prerequisites are required for this degree program. However, during the program of study at the community college students should begin to satisfy General Education/Gordon Rule requirements, take WST 3015, “Introduction to Women’s Studies,” or other introductory courses in the Social Sciences and Liberal Arts. Courses to help students with reading and writing skills are helpful as well. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Upper-level Coursework for Women’s Studies Majors

Each major must complete 36 hours distributed as follows:

I. Required Core Courses (15 hours)

- WST 3311 Issues in Feminism (3)
- WST 4310 History of Feminism in the U.S. (3)
- WST 4522 Classics in Feminist Theory (3)
- WST 4935 Capstone/Senior Project (3)
II. Select 21 credit hours from the following list, noting prerequisites where applicable:

- ANT 4302 Gender in Crosscultural Perspective (3)
- WST 2250 The Female Experience in America (3)
- WST 3210 European Feminist History: Pre-18th Century (3)
- WST 3220 European Feminist History: 18th Century to Present (3)
- WST 3412 Women in the Developing World (3)
- WST 3440 Women and Social Action (3)
- WST 3620 Men and Sexism (3)
- WST 4260 Research Issues on Women of Color (3)
- WST 4410 Third World Women Writers (3)
- WST 4335 Black Women in America (3)
- WST 4560 Contemporary Feminist Theory (3)
- PHI 4632 Feminist Ethics (3)
- POS 4693 Women and Law I (3)
- POS 4694 Women and Law II (3)
- SYD 4800 Gender and Society (3)
- WST 4900 Directed Readings (1-4)
- WST 4910 Directed Research (3)
- WST 4930 Selected Topics (1-4)
- WST 4930 Selected Topics (3)
- WST 4262 Gender in Cross-Cultural Perspective (3)
- WST 4262 Literature by Women of Color in the Diaspora (3)
- WST 3412 Women in the Developing World (3)
- WST 4410 Third World Women Writers (3)

WORLD LANGUAGES

The Department of World Languages offers several undergraduate degrees. Although a baccalaureate degree is not offered in Linguistics, a minor is available to students. Comprehensive information about these programs is listed below.

CLASSICS (CLS)

Major programs leading to the Bachelor of Arts degree are offered in Classics and Interdisciplinary Classical Civilizations. These programs are designed to meet the needs of students who desire competence in Latin and/or Greek and a broad understanding of ancient culture and literature. The majors are of particular interest to students who wish to teach the languages, to those who plan graduate study in a humanistic discipline, and to those who want an undergraduate major that focuses on the ancient civilizations that are the cornerstone of the Western tradition.

Requirements for the Major in Classics

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.

To complete a major in Classics, 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. A grade of “C” is the minimum acceptable grade.

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).

Requirements for the Minor in Women’s Studies

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

- Required:
  - WST 3015
  - or WST 3311
- Electives:
  - Plus 15 credit hours with at least 2 courses at the 4000 level and above.

Minor in “Women of Color”

Women’s Studies offers a specific concentration in the area of Women of Color whose focus will be to examine the relationship between women of color and institutions of power. This concentration prepares students for graduate work and/or professional careers in traditional and non-traditional areas such as health and education, international relations, the creative arts, law, medicine, social work, government and public policy, the social sciences, and community organization.

The requirements for the minor are 15 hours, which are to be selected from the following upper-level courses:

- AFA 4335 Black Women in America (3)
- WST 4260 Research Issues on Women of Color (3)
The student must maintain a Departmental GPA of 3.5, must submit the Honors Thesis on time, and must pass the scheduled Departmental Honors Examination. Otherwise, the candidate receives no Honors.

Requirements for Completion of Departmental Honors:
1. Completion of requirements for a major in the Department with a GPA above 3.5 and an overall GPA of 3.3 or above.
2. Acceptance of a Senior Thesis by a committee of faculty members in the Department.
3. A grade of "A" on a sight translation from a Latin or Greek 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)
   - or
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - or
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - or
   - ANT 3101 Archaeology (3)
   - or
   - REL 3280 Biblical Archaeology (3)
   - and
   - CLT 3370 Classical Mythology (3)
2. 18 hours (minimum) from the ICC “Fields.”
   Two (2) courses from an approved list of 2000 to 3000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.
   Four (4) courses from an approved list of 3000 to 4000 level courses in Anthropology, Classics, History, Philosophy, or Religious Studies.
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)
   - or
   - CLT 3101 Greek Literature in Translation (3)
   - CLA 3123 Roman Civilization (3)
   - or
   - CLT 3102 Roman Literature in Translation (3)
   - HIS 3930 Classical Archaeology (3)
   - or
   - ANT 3101 Archaeology (3)
   - or
   - REL 3280 Biblical Archaeology (3)
   - and
   - CLT 3370 Classical Mythology (3)
2. 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, or 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)
Either

- CLT 3101 Greek Literature in Translation (3)
- Either
  - CLA 3123 Roman Civilization (3)
  - CLT 3102 Roman Literature in Translation (3)
  - CLT 3370 Classical Mythology (3)

2. 3-4 hours from 2000-3000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.

3. 6-8 hours from 3000-4000 level courses in Anthropology, History, Philosophy and Religious Studies selected with the guidance and approval of the Coordinator.

B. Courses are organized along an interdisciplinary principle.

1. Two courses (6 hours) from the ICC Minor “Core.”
   - Either
     - CLA 3103 Greek Civilization (3)
     - CLT 3101 Greek Literature in Translation (3)
     - CLA 3123 Roman Civilization (3)
   - or
     - CLT 3102 Roman Literature in Translation (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. 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 3234 (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 3234 (3)
    - FRE 3420 (3) FRE 3440 (3)
    - FRE 3500 (3)
  - Supporting courses in French required for the major (9 credit hours)
    - Choose from the list below:
      - FRE 4421 (3) FRE 4700 (3)
      - FRE 4930 French for Business II (3)
      - FRE 4930 French Phonetics (3)
      - FRE 5425 (3) FRE 5566 (3)
      - FRW 4100 (3) FRW 4101 (3)
  - Required courses in International Studies (9 credit hours)
    - CPO 2002 (3) EUS 3000 (3)
    - CPO 4930 Comparative Government & Politics (3)
  - Required courses in Business (18 credit hours)
    - ACG 3074 (3) ECO 1000 (3)
    - MAN 3023 (3) MAR 3023 (3)
    - FIN 3403 (3) Capstone Course (3)
  - Supporting courses in Business for the major (6 credit hours)
    - Choose any 2 upper-level international business courses.
  - Required overseas study courses &/or area studies courses (6 credit hours)
    - Select 6 overseas study credit hours or 3 credit hours overseas study plus 3 credit hours area studies courses planned with the advisor.

- German (GER)
  - 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 of 9 hours German taught in English).
Required courses for the minor (9 credit hours
9 hours of 3000, 4000, or 5000 level coursework in German.
Supporting courses required for the minor (6 credit hours)
6 hours of 2000, 3000, 4000, or 5000 level with coursework in
German (taught in either German or English, max. 3 hours
taught in English, max 3 hours in 2000 level).
• Modern Greek (GRK)
Required courses for the minor (16 credit hours)
GRK 2220 (4) GRK 4905 (4)
GRK 2221 (4) GRK 4930 (4)
• Italian (ITA)
Required courses for the major (14 credit hours)
ITA 2240 (3) ITW 4101 (4)
ITA 3420 (3) ITW 4101 (4)
Supporting courses required for the major
18 hours in 3000 or 4000 level courses, including approved
courses in related disciplines, planned with the advisor.
Required courses for the minor (6 credit hours)
ITA 2240 (3) ITA 3420 (3)
Supporting courses required for the minor
10 hours in 3000 or 4000 level courses except courses in
translation.
• Russian (RUS)
Required courses for the major (14 credit hours)
RUS 3240 (4) RUT 3110 (3)
RUS 4241 (4) RUT 3111 (3)
Supporting courses required for the major
18 hours in 3000 or 4000 level courses planned with the advisor.
Required courses for the minor (8 credit hours)
RUS 3240 (4) RUS 4241 (4)
Supporting courses required for the minor
8 hours in 3000 or 4000 level courses.
• Spanish (SPA)
Required courses for the major (18 credit hours)
SPN 4301 (3) SPW 4101 (3)
SPW 3030 (3) SPW 4130 (3)
SPW 4100 (3) SPW 4131 (3)
Supporting courses required 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 in 3000, 4000 or 5000 level courses. Students may
take up to three (3) credit hours related to Spanish language and
culture in another department approved by the Spanish advisor.
• Spanish (SPA) with an international studies and
business concentration
Required courses in Spanish for the major (18 credit hours)
SPN 3330 (3) SPN 3520 (3)
SPN 3440 (3) SPN 4301 (3)
SPN 3441 (3) SPN 4410 (3)
SPN 3500 (3)
*SPN 3300 is the prerequisite to SPN 4301
Supporting courses in Spanish required for the major (6 credit
hours)
Choose from the list below:
SPN 2340 (3) SPW 4101 (3)
SPN 2341 (3) SPW 4101 (3)
SPN 4700 (3) SPW 4130 (3)
SPW XXX (3) SPW 3030 (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)
SPN 3341 (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
plus 6 credits area studies planned with an advisor
(2 courses from International Studies or other departments).

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, CHE
205.

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
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.ala.org.

Pre-Med American Medical Student Association (PreAMSA) - 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://www.asis.org/index.html.

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.

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 to foster an informal and creative atmosphere for interaction. For further information please call the Department Office at (813) 974-2138.

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, and 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 minority students interested in Communication about the profession and to help them gain practical experience.

Colloquia in Literature and Linguistics - Provides a stimulating environment in which graduate students in French, Spanish, and Linguistics can share and expand their scholarly endeavors. Sponsors guest lectures. For further information please go to CPR 419.

Communication Council - To encourage and promote extracurricular learning as well as social interaction among communication majors and minors. For further information please go to CIS 3058.

Economics Club - To promote and develop the application of economic concepts within the student body and provide a social basis for interaction. For further information go to the club website at www.coba.usf.edu/departments/economics.

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.
Lambda Pi Eta - The local chapter of the official honor society of the National Communication Association recognizes outstanding academic achievement in the discipline of Communication.

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

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 Wednesday afternoons. 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.

Omicron Delta Epsilon - The international economics honor society promoting outstanding achievements in economics and the establishment of closer ties between students and faculty.

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

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. For further information please go to http://www ctr.usf.edu/pops/

Pre-Veterinary Society - USF Pre-Veterinary 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 Association for Psychological Science.

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 with an interest in television/radio journalism hands-on experience and the opportunity to produce a news program for public access television. For further information please go to CIS 3005.

Student Chapter of the Mathematical Association of America - A club for students who enjoy doing, discussing and learning mathematics. For further information please go to PHY 342.

Student Society for Technical Communication-SSTC - offers students scholarships, publication competitions, internship opportunities, resume and computer workshops and networking socials with local professionals who are established in the field. For further information please go to CTR 2419.

University Psychology Association - The purpose of this organization shall be to foster understanding and stimulate interest in the discipline of Psychology and its sub fields. University Psychology Association is open to all USF students interested in the field of Psychology.
ARTS AND SCIENCES FACULTY

Africana Studies

Aging Studies

Anthropology

Biology

Chemistry

Communication

Communication Sciences and Disorders

Community Experiential Learning
Coordinator: R. R. Jones.

Criminology

Economics

English

Environmental Science and Policy
Chairperson: R. Brinkman; Director: P. Reeder.

Geography

Geology
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. Brownarchy (Tampa General Hospital), L. Davis (Bayfront Medical Center), R. Berthol (Shands Jacksonville), R. Ramos (St. Vincent’s Medical Center); Courtesy Lecturers: L. Chakkaphak (St. Vincent’s Medical Center), K. Berger (Tampa General Hospital), D. Tripolino (Bayfront Medical Center), J. Sigler (Shands Jacksonville).

Philosophy
Chairperson: R. Ariew; Professors: J. P. Anton (Distinguished Professor of Greek Philosophy & Culture), R. Ariew, C. Guignon, R. Kukla, O. Schutte, W. H. Truitt, R. C. Weatherford, K. Wieredu (Distinguished University Professor); Distinguished Research Professor: S. P. Turner; Associate Professors: A. Levine, R. Manning, M. R. Schonfeld, J. B. Waugh; Assistant Professors: C. Heydt, B. Sadler, D. Weiskopf, T. Williams, 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. Milani; Professors: J. E. Kreisat, 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. Rigos.
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 Professor: G. Dudell; Clinical Instructor: J. Ferrandino.

Religious Studies

Social Work
Director: W. Rowe; Associate Director: M. Marley; Director of Field Program: K. Williams; Professors: A. A. Smith; Associate Professors: S. Fogel, G. J. Paveza, L. Rapp-Paglicci, C. Stewart, A. L. Strozier; Assistant Professors: S. Allen, F. Barrow, K. Black, J. Cabness, R. Ersing, M. Rank, L. Rapp-Paglicci, J. Roberts; Instructors: I. Carrión, S. Speer, R. Tilden, P. Williams.

Sociology

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

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. 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. In general, business 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 Business. 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 courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:

- GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and computation course requirements of 6A-10.30 (“Gordon Rule”).

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactory work at USF a minimum of 10 percent (rounded to the nearest semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.
**International Course Requirement:** All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses. **No S/U courses in major or minor:** All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.

### Degree Requirements

**NON-BUSINESS (54 hrs. minimum) Semester Hours**

1. **General Education Requirements**
   - a. English Composition 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 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
   - 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.)** 18-24

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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**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
- **Sarasota:** Accounting, Finance and General Business Administration
- **Lakeland:** General Business Administration and Marketing

North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.

Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.

**Student Advising and Records**

The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 2102) provides the following:

1. **Orientation for freshmen 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 have met 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 2102, (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) 873-4511
- **Sarasota Campus:** SMC-C107, (941) 359-4330
- **Lakeland Campus:** LLC 2100, (863) 667-7063

**Office Hours**

- **Tampa Campus:** 8am-6pm Monday-Thursday. 8am-4pm on Fridays.
- **St. Pete Campus:** 8am-6pm Monday-Thursday. 8am-5pm on Fridays.
- **Sarasota Campus:** 8am-6pm Monday-Thursday. 8am-5pm on Fridays.
- **Lakeland Campus:** 8am-6pm Monday-Thursday. 8am-5pm on Fridays.

While the University provides advising services to assist students with academic planning, the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.

**Academic Dismissal**

Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.

**DEPARTMENTS AND PROGRAMS**

- **GENERAL BUSINESS (GBA)**

  The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.

  **Requirements for the B.A./B.S. Degree:** Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following...
business disciplines: accounting, economics, finance, management, 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 at least 40 semester hours of upper-level economics courses, excluding QMB 3200.

Please note: Courses used to satisfy a major in accounting, economics, finance, information systems management or marketing may not be used to satisfy either minor or economics concentration requirement for the GBA major.

**ACCOUNTING (ACG)**

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 any upper level accounting courses. If the student repeats ACG 3103 and/or ACG 3341, only the first two attempts (W’s count as attempts) will be considered for 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
- 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

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. ACG 3341 Cost Accounting and Control I 3
3. ACG 3401 Accounting Information Systems 3
4. ACG 4001 Concepts of Federal Income Taxation 3
5. ACG 4123 Intermediate Financial Accounting III 3
6. ACG 4351 Cost Accounting and Control II 3
7. ACG 4642 Auditing II 3
8. ACG 4931 Selected Topics 3
9. ACG 5201 Advanced Financial Accounting 3
10. ACG 5501 Governmental/Not-for-Profit Accounting 3
11. ACG 5675 Internal and Operational Auditing 3
12. TAX 5015 Federal Taxation of Business Entities 3

Total 24

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.

**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:**

- ECO 3101 Intermediate Price Theory 3
- ECO 3203 Intermediate Macroeconomics 3
- ECO 3303 Intermediate Microeconomics 3

Total 15

Students must obtain a grade of “C-” or higher in ECO 3101 Intermediate Price Theory or ECP 3703 Managerial Economics to enroll in any course for which ECO 3101 or ECP 3703 is a prerequisite. Students cannot take both ECO 3101 and ECP
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

Total Economics Hours: 18

Business majors can earn 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 all major coursework 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 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 coursework 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 Statement Analysis

Management of Financial Institutions

FIN 3233 Money and Banking
FIN 3604 International Finance
FIN 4324 Bank Management
FIN 4412 Working Capital Management
FIN 4443 Financial Policies and Strategies
FIN 4461 Financial Statement Analysis

Investments

FIN 3604 International Finance
FIN 4461 Financial Statement Analysis
FIN 4514 Advanced Investment Analysis & Management
REE 4303 Real Estate Investment Analysis

Financial Services

FIN 3604 International Finance
FIN 4514 Advanced Investment Analysis & Management
REE 3043 Real Estate Decision-Making
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, RRE, or RMI prefix 3
5. Total Finance Hours 12

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 9 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 can minor in Management. The requirements are:

1. MAN 3240 Organizational Analysis 3
2. MAN 4504 and MAN 4507 do not count toward the management elective.
3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

**MARKETING (MKT)**

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns.

Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing.

The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
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 coursework.

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.

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
3. Total Marketing Hours 12
4. A grade of "C" or higher (NOT C-) is required in all marketing minor coursework.
5. 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.
6. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

INTERNATIONAL BUSINESS (IB)

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 current curriculum includes the requirements for the minor in International Business, 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.

Major in International Business

Requirements in more than one area. To maximize academic options, students should see guidance from a COBA advisor/or the Center for International Business, BSN 3109, once a decision has been made to pursue this major.

Please note: Courses used to satisfy a major in accounting, economics, finance, information systems management or marketing may not be used to satisfy the minor or economics concentration requirement for the ITB 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 coursework 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.

- **Alpha Kappa Psi** - Provides a forum for leadership development in preparation for careers in all areas of business, Alpha Kappa Psi is a progressive, coed, professional business fraternity.
- **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 a liaison between the Student Government Association and the College of Business Administration.
- **Collegiate Economics Organization** - To promote and develop the applications of economic concepts within the student body and provide a social basis for interaction. For further information go to the club website at http://www.coba.usf.edu/departments/economics/ceo.htm
- **Delta Sigma Pi** - Fosters the study of business and a close association between students and the business world. Delta Sigma Pi is a coed, professional business fraternity.
- **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.

**Omicon Delta Epsilon** - The international economics honor 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

**Chairperson**: S. Besley; **Professors Emeriti**: A. Beenhakker, R. G. Cox, S. Kaplin, F. Power; **Professors**: S. E. Bolten, R. L. Meyer, J. Qi, K. F. Wierand; **Associate Professors**: S. Besley, S. Bulmash, C. Pantzalis, N. Sutton; **Assistant Professors**: A. Ho, D. Hunter, P. Kelly, B. Lin, D. Parsons, A. Tandon, L. Wedge; **Instructors**: M. Antia, T. Pencek; **Visiting Faculty**: J. Adams.

### Information Systems & Decision Sciences


### Management


### Marketing

The College of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). All educator preparation 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.

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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 P-12 and the professoriate 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 educator preparation. 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 educator preparation. 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.

Critical Tasks/Assignments

Students in educator preparation programs leading to teacher certification are required to complete critical tasks/assignments in several of their professional preparation courses. Several of the educator preparation programs require students to submit these critical tasks/assignments to an electronic portfolio. Therefore, a yearly access code to the electronic portfolio must be purchased by the student.

For information concerning required courses in each major, students should consult the following “Departments and Programs” section accessible from the Undergraduate Studies site: http://www.ugs.usf.edu/catalogs.htm. Other important information is available from the College of Education website at http://www.coedu.usf.edu/. For information concerning policies for Undergraduate 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 fingerprinting/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 Educator Preparation 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 an educator preparation 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 educator preparation programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a educator preparation program through the Student Academic Services Office of the College of Education.

Admission to an upper-level educator preparation program is contingent upon meeting the following preliminary college requirements:

1. Completion of a College of Education application form.
2. Completion of General Education requirements. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.) General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. Note: Students should attend a pre-advising session 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:

- EDF X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

USF International/Diversity Courses Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience in Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 2000</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>EGN 2031</td>
<td>History of Technology</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2011</td>
<td>Ancient History I</td>
<td>3</td>
</tr>
</tbody>
</table>
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 Pre-Education Advising (DAC 107).

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

Office Hours: 9 a.m. – 5 p.m. Monday through Friday. The Tampa office is closed on Saturdays. The office in Sarasota is open 9:00 a.m. - 5:00 p.m. Monday through Friday. Some offices are open 8:30 a.m. – 3:00 p.m. Monday through Friday. Call the office listed above for exact hours and appointment times.

Application Information: (Admitted USF students are eligible.) For general information, call (813) 974-2979. 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), Winter Semester (November 15th), and Summer Semester (April 15th). Not all majors accept applications for summer entrance. Contact the Pre-Education Advising Office (DAC 107) 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 Educator Preparation 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 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 Educator Preparation 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.
4. Satisfactory completion of the internship is also required.
5. Passing scores on the appropriate FTCE Subject Area and Professional Education subtests. NOTE: English, Math, Science, and Social Science majors must pass the 6-12 subject matter exam.
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 educator preparation 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.

SunCoast Area Teacher Training Program (SCATT)

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.

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 students having majors different 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 graduates 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 Ronduda), 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 http://scatt.coedu.usf.edu.

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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<tbody>
<tr>
<td>Early Childhood Education</td>
<td>Childhood Education</td>
<td>BEC</td>
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<tr>
<td>Elementary Education</td>
<td>Childhood Education</td>
<td>BEE</td>
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<tr>
<td>Exceptional Student Education</td>
<td>Special Education</td>
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<td>English Education</td>
<td>Secondary Education</td>
<td>BEN</td>
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<td>Exercise Science</td>
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<td>Science Education</td>
<td>Secondary Education</td>
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<tr>
<td>Biology</td>
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<td>Chemistry</td>
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<td>BSC</td>
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<td>Physics</td>
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<td>BSY</td>
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<tr>
<td>Social Science</td>
<td>Secondary Education</td>
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</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.

Music Education is offered in the College of Visual and Performing Arts.

See Departmental Section for specific program 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] began offering
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 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-Kindergarten/Primary (age 3 – Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Graduation is dependent upon successful completion of the required courses, chalk and wire requirements, 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.

• 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 (3)
• EDG X701* Teaching Diverse Populations (3)
• EME X040 Introduction to Educational Technology (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

Professional Education Core (39 cr. hrs.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</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>12</td>
</tr>
<tr>
<td>EEC 4941</td>
<td>Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4942</td>
<td>Field Experience II</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4943</td>
<td>Field Experience III</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909</td>
<td>Young Children With Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909</td>
<td>Assess., Eval., Reporting Progress</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4362</td>
<td>Curriculum and Pedagogy of ESOL</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4363</td>
<td>Literacy Development in English Language Learners</td>
<td>3</td>
</tr>
</tbody>
</table>
Requirements for the B.S. Degree (BEE): In addition to the
USF students. These prerequisites must be met by transfer students as well as
Prerequisites (State Mandated Common Prerequisites):

Specialization (30 cr. hrs.):

EEC 4008 Literature in Early Childhood Education (Exit) 3

OR

LAE 4414 Children’s Literature 3

EEC 4203 Programs for Young Children 3

EEC 4211 Integrated Curriculum: Science and Mathematics 3

EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art 3

ECC 3003 Creative and Affective Experiences for Young Children 3

EEC 4307 Cognitive Experiences for Young Children 3

EEC 4408 Child, Family & Teacher Relations 3

EEC 4706 Language and Emerging Literacy 3

HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child 3

RED 4310 Early Literacy Learning 3

RED 4511 Linking Literacy Assessment to Instruction 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.

NOTE: In order to satisfy the 6 hour rule for Exit requirements, Early Childhood students must pass an exit requirement course (in addition to EEC 4008) outside of the Early Childhood program.

• 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 X005 Introduction to Education (3)
• EDF X701* Teaching Diverse Populations (3)

*In addition to EDC X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

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 (Exit) 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.”

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;
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 (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other program prerequisites: **
- SPC X800 Public Speaking (3)
- Literature course (3)
- Electives in English (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement. **Courses specified in this category may apply to general education coursework.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

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)
- EDC 2114 Human Development and Learning (3)
- EDF 4430 Measurement for Teachers (3)
- EEX 4070 Integrating Exceptional Students in the Regular Classroom (3)
- FLE 4317 Language Principles and Acquisition (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)
  - AML 3031 American Literature 1912-1945 (3)
  - One of the following:
    - ENL 3015 British Literature to 1660 (3)
    - ENL 3230 British Literature 1661-1780 (3)
    - ENL 3251 British Literature 1780-1900 (3)
    - ENL 3273 British Literature 1900-1945 (3)
  - One of the following:
    - LIT 3383 The Image of Women in Literature (3)
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 X005 Introduction to Education (3)
- EDG 2701* Teaching Diverse Populations (3)
- EME 2040 Introduction to Educational Technology (3)
- Other state mandated program prerequisites;**
  - Four (4) hours Calculus & Analytic Geometry I
  - Four (4) hours Calculus & Analytic Geometry II
  - Four (4) hours Electives in Mathematics
  - Three (3) hours Computer Programming Language (applicable to microcomputer)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Courses specified in this category may apply to general education coursework.

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

- EDF X005 Introduction to Education (3)
- EDG 2701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other state mandated program prerequisites:
  - For Biology Teacher Education** -
    - Biology with Lab 8
  - For Chemistry Teacher Education** -
    - Chemistry with Lab 8
  - For Physics Teacher Education** -
    - Physics with Lab 8

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.
**Courses specified in this category may apply to general education coursework.**

**Completion of General Education requirements:** General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

**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
- **SCE 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 2011** Biology II* 3
- **BSC 2011L** Biology II Lab* 1
- **CHM 2045, 2045L** General Chemistry I and Lab* 8
- **CHM 2046, 2046L** General Chemistry II and Lab 8
- **PHY 2048, 2048L** General Physics I and Lab (with Calculus) 8
- **PHY 2049, 2049L** General Physics II and Lab* (with Calculus) 8
- **PHY 2053, 2053L** General Physics and Lab* 8

**Specialization (33 credit hours):**
- **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, Science Interaction 3
- **BSC 4057** Environmental Issues 3
- **PHY 4031** Great Themes in Physics 3

**Chemistry Education Prerequisites (39 credit hours):**
- **CHM 2045** General Chemistry I* 3
- **CHM 2045L** General Chemistry Lab* 1
- **CHM 2046** General Chemistry II* 3
- **CHM 2046L** General Chemistry II Lab* 1
- **BSC 2010, 2010L** Biology I and Lab* 8
- **BSC 2011, 2011L** Biology II and Lab* 8
- **PHY 2048, 2048L** Physics I and Lab* (with Calculus) 8
- **PHY 2049, 2049L** Physics II and Lab* (with Calculus) 8
- **PHY 2053, 2053L** Physics and Lab* 8
- **PHY 2054, 2054L** Physics and Lab* 8

**Specialization (32 credit hours):**
- **CHM 2045, 2045L** General Chemistry I and Lab 8
- **CHM 2046, 2046L** General Chemistry II and Lab 8
- **CHM 2210, 2210L** Organic Chemistry I and Lab 45
- **CHM 3120C** Elementary Analytical Chemistry 3
- **CHM 3400** Elementary Physical Chemistry I 3
- **CHM 3610, 3610L** Intermediate Inorganic Chemistry and Lab 4
- **CHM 4070** Historical Perspectives in Chemistry 3
- **BCH 3023** Introductory Biochemistry 3
- **SCE 4320** Teaching Methods in Middle Grades Science 3
- **SCE 4330** Teaching Methods in Secondary School Science 3
- **SCE 4305** Communication Skills in the Science Classroom 3
- **SCE 4236** Science, Technology, Science Interaction 3
- **BSC 4057** Environmental Issues 3
- **PHY 4031** Great Themes in Physics 3

**Physics Education Prerequisites (33 credit hours):**
- **BSC 2010, 2010L** Biology I and Lab* 8
- **CHM 2045, 2045L** General Chemistry I and Lab* 8
- **CHM 2046, 2046L** General Chemistry II and Lab* 8
- **CHM 2210, 2210L** Organic Chemistry I and Lab 45
- **CHM 3400** Elementary Physical Chemistry I 3
- **CHM 3610, 3610L** Intermediate Inorganic Chemistry and Lab 4
- **CHM 4070** Historical Perspectives in Chemistry 3
- **BCH 3023** Introductory Biochemistry 3
- **SCE 4320** Teaching Methods in Middle Grades Science 3
- **SCE 4330** Teaching Methods in Secondary School Science 3
- **SCE 4305** Communication Skills in the Science Classroom 3
- **SCE 4236** Science, Technology, Science Interaction 3
- **BSC 4057** Environmental Issues 3
- **PHY 4031** Great Themes in Physics 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) 3
- **Computer Applications in Physics 3
- **SCE 4320** Teaching Methods in Middle Grade Science 3

**Additional Requirements**
- **MAC 2281** Engineering Calculus I 4
### PROGRAMS OF STUDY

**Common Prerequisites:**
- Science Education department to fulfill the State Mandated
- 5 SYG 2000 Introduction to Sociology
- 4 ECO 1000 Basic Economics
- 3 GEA 2000 Global Geography
- 2 ANT 2000 Introduction to Anthropology
- 1 POS 2041 American National Government
- 1 POS 2080 American Political Tradition
- 1 ANT 2410 Cultural Anthropology
- 1 GEA 2000 Global Geography
- 1 ECO 1000 Basic Economics
- 1 ECO 2013 Macroeconomics
- 1 SYG 2000 Introduction to Sociology
- 1 SYG 2010 Contemporary Sociology

*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 X005 Introduction to Education (3)
- EDG X701 Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other program prerequisites**:
  - American Government (3)

Select four of the six areas for a total of 12 credit hours:
- Anthropology (3)
- Cultural Geography (3)
- Economics (3)
- History (3)
- Psychology (3)
- Sociology (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.*

**Courses specified in this category may apply to general education coursework.

### Completion of General Education requirements:

General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

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
2. POS 2080 American Political Tradition
3. ANT 2000 Introduction to Anthropology
4. ANT 2410 Cultural Anthropology
5. GEA 2000 Global Geography
6. ECO 1000 Basic Economics
7. ECO 2013 Macroeconomics
8. SYG 2000 Introduction to Sociology
9. SYG 2010 Contemporary Sociology

### Professional Education Core (17 credit hours):

- EDF 3214 Human Development and Learning
- EDF 3604 Social Foundations of Education (Exit)
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- FLE 4365 ESOL Competencies and Strategies
- ESE 4322 Classroom Management

### Social Sciences Specialization (48 credit hours):

- AMH 2010 American History I
- AMH 2020 American History II
- GEA 2000 World Regional Geography
- HUM 2211 Studies in Culture: Classical through Medieval
- HUM 2243 Studies in Culture: Through the 20th Century
- POS 2112 State and Local Government
- POS 2080 American Political Tradition

*One of the following:
- HIS 4104 Theory of History
- POT 4054 Modern Political Theory
- POT 4064 Contemporary Political Thought
- POT 4204 American Political Thought

Any course from African, Asian, or Latin American, or Middle Eastern History

**In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.*

**Courses specified in this category may apply to general education coursework.

### Department of Educational Measurement and Research

The Department of Educational Measurement and Research offers EDF 4430, Measurement for Teachers, that provides students with the measurement and evaluation skills and dispositions they need to be effective classroom teachers. Students use curriculum-based, learner-based, context-based, and professionally-based standards to develop and use 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 teacher 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 and Exercise Science

The School of Physical Education and Exercise Science teaches a variety of Elective Physical Education courses and conducts a Physical Education Teacher Preparation Program, and an Exercise Science Program. For Athletic Training, please refer to the School of Physical Therapy.
• PHYSICAL EDUCATION ELECTIVE PROGRAM

Physical Education elective offerings in the School of Physical Education and Exercise Science are designed to provide opportunities for all students in the University to acquire knowledge and development skills related to an active healthy lifestyle. Laboratory experiences in over twenty-five different exercise and sports activities allow students to select and develop proficiency appropriate for leisure pursuit and personal development. Special competency courses provide for in-depth study in such areas as personal wellness, current issues in sports, and first aid.

• PHYSICAL EDUCATION and EXERCISE SCIENCE

Students must enroll in one of the following programs: a) Physical Education K-12 (Florida Teacher Certification); or b) Exercise Science.

Requirements for the B.S. Degree (PET, 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 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 (3)
- EDG X701 Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other program prerequisites**
  - Anatomy & Physiology I (3-4)
  - Care and Prevention of Athletic Injuries
  - or Anatomy & Physiology II w/lab (3-4)
  - Skill Development Courses in Physical Activities (4-5)
  - Conditioning, Fitness & Wellness Courses in Physical Activities (3)
- In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student is earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

Semester I:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4131</td>
<td>Learning and the Developing Adolescent</td>
<td>3</td>
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<tr>
<td>PET 3314</td>
<td>Professional Development Seminar</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4365</td>
<td>ESOL Competencies and Strategies</td>
<td>3</td>
</tr>
<tr>
<td>PET 3421</td>
<td>Curriculum &amp; Instruction in Phys. Ed.</td>
<td>3</td>
</tr>
<tr>
<td>PET 4432</td>
<td>Instructional Design &amp; Content: Physical Education Elementary</td>
<td>3</td>
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Semester II:

<table>
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<tbody>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education (Exit)</td>
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<tr>
<td>EDF 4430</td>
<td>Measurement for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>PET 3031</td>
<td>Motor Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PET 4433</td>
<td>Instructional Design &amp; Content: Physical Education Elementary</td>
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<tr>
<td>PET 4942</td>
<td>Phys. Ed. Pre-Internship: Elementary</td>
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Semester III:

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<tr>
<td>PET 3012</td>
<td>Professional Development in Phy. Ed. I</td>
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<tr>
<td>PET 3441</td>
<td>Instructional Design &amp; Content: Middle School Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310</td>
<td>Reading and Learning to Read</td>
<td>3</td>
</tr>
<tr>
<td>PET 3640</td>
<td>Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PET 4304</td>
<td>Principles and Issues in Coaching</td>
<td>3</td>
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Semester IV:

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PET 3013</td>
<td>Professional Development in Phys. Ed. II</td>
<td>1</td>
</tr>
<tr>
<td>EDG 4909</td>
<td>Directed Studies</td>
<td>3</td>
</tr>
<tr>
<td>PET 4401</td>
<td>Class Management, Safety, Ethics, Law and Organization and Administration of Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PET 4442</td>
<td>Instructional Design &amp; Content: Physical Education Secondary</td>
<td>3</td>
</tr>
<tr>
<td>PET 4944</td>
<td>Phys. Ed. Pre-Internship: Secondary</td>
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Semester V:

<table>
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<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PET 4946</td>
<td>Internship in Phys. Ed.: Elementary</td>
<td>6</td>
</tr>
<tr>
<td>PET 4947</td>
<td>Internship in Phys. Ed.: Secondary</td>
<td>6</td>
</tr>
<tr>
<td>PET 3252</td>
<td>Issues in Sport (exit)</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

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.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student is earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

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 commit-
Admission Criteria:

Requirements 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. A composite GPA score will be calculated for each student by adding 30% of the overall GPA and 70% of the common statewide prerequisite GPA.

Prerequisites (State Mandated Common Prerequisites):
These prerequisites must be met by transfer students as well as USF students. A grade of “C-” is the minimum acceptable grade.

- Human Anatomy and Physiology I and lab 4
- or
- Human Anatomy and lab 4
- Human Anatomy and Physiology II and lab 4
- or
- Human Physiology and lab 4
- College Algebra or higher 3
- Statistics or Pre-Calculus 3
- General Psychology 3
- General Nutrition 3
- Survey of Chemistry or higher and lab 4

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.

1. PEM 2131 Weight Training 2
2. SPC 2600 Public Speaking 3
3. HLP 2081 Personal Wellness 3

NOTE: Though no computer course is recommended, students need to possess excellent computer skills, e.g., MS applications.

Admission Criteria:

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 or for the Florida public college or university in which the student took his or her General Education requirements.
4. Successfully meet exemption requirements for CLAST or successfully complete the exam. It is recommended that students successfully meet the exemption requirements for the CLAST or complete the exam prior to admission; however, this requirement may be met once the student is admitted to the program. Students must complete the exemption or the exam prior to graduation.

Requirements, After Admission:

By August 1st, students will be informed if they have been accepted into the program. Students accepted into the program must inform the College of Education advising office by August 15th that they will or will not be enrolling in fall classes. 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, personal health insurance, uniforms, and parking
   g. Possible costs associated with obtaining physician clearance (e.g., medical exam and/or tests) prior to participation in physical activity/exercise. Students must complete a Pre-Activity Screening Questionnaire (PASQ) based on American College of Sports Medicine guidelines to determine if physician clearance is needed.
   h. Assignments in some classes (e.g., printing/binding of group project reports, academic and professional portfolio, etc.)
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
- Liberal Arts Exit 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

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

Department of Psychological and Social Foundations of Education

The Department of Psychological and Social Foundations of Education does not offer a specific major or degree program, but provides courses for all students majoring in the wide array...
of undergraduate programs available in the College of Education. These courses contribute to the students’ understanding of the general education enterprises and are considered foundational to later professional specialization. Consequently, these courses should be taken early in the professional program, typically in the junior year.

**Professional Education Core (34-39 cr. hrs.):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3214</td>
<td>Human Development and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3514</td>
<td>History of Education in the United States</td>
<td>3</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Social Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4111</td>
<td>Child Growth and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4131</td>
<td>Learning and the Developing Adolescent</td>
<td>3</td>
</tr>
</tbody>
</table>

*In addition the department offers:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3228</td>
<td>Human Behavior and Environmental Selection</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4905</td>
<td>Independent Study: Educational Foundations</td>
<td>1-3</td>
</tr>
<tr>
<td>EDF 4909</td>
<td>Directed Study: Educational Foundations</td>
<td>1-3</td>
</tr>
<tr>
<td>EDF 5607</td>
<td>Trends in Social-Political Foundations of Schooling in the U.S.</td>
<td>3</td>
</tr>
<tr>
<td>IDS 3115</td>
<td>Values and Choices</td>
<td>3</td>
</tr>
</tbody>
</table>

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 post-graduate work in human services fields.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHS 4052</td>
<td>Human Relations Skills in Counseling</td>
<td>4</td>
</tr>
<tr>
<td>MHS 4905</td>
<td>Independent Study: Guidance and Counseling Education</td>
<td>1-4</td>
</tr>
<tr>
<td>SDS 4040</td>
<td>Introduction to Student Personnel</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Work in Higher Education</td>
<td></td>
</tr>
</tbody>
</table>

**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 the 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 due to state legislative mandates, Florida State Department of Education program approval standards, and accreditation criteria.

**Exceptional Child 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 X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- *In addition to EDF X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses may be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Completion of General Education requirements:** General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

**Professional Education Core (31-32 credit hours):**

The required courses in the professional education core are as follows:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EEX 4941</td>
<td>Practicum in ESE</td>
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<tr>
<td>EDF 3122</td>
<td>Learning and the Developing Child</td>
<td>3</td>
</tr>
<tr>
<td>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>2</td>
</tr>
<tr>
<td>FLE 4317</td>
<td>Teaching LEP Students K-12</td>
<td>3</td>
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<td>EEX 4940</td>
<td>Internship: Exceptional Student Education</td>
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<tr>
<td>EEX 4936</td>
<td>Senior Seminar in Exceptional Student Education</td>
<td>1</td>
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</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 Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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>
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<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>
</tbody>
</table>
### Student Organizations and Activities

#### Student Council for Exceptional Children

The Student Council for Exceptional Children (SCEC) is an organization of those members of the University interested in the education of children who are gifted, emotionally disturbed, physically handicapped, mentally retarded, or have specific learning disabilities.

Activities of the USF Chapter include field trips to various special educational facilities, opportunities to hear prominent speakers, attend seminars, visit state and national conventions, and participate in social events. All interested students are invited to join.

#### National Education Association Student Program (NEASP)

The National Education Association extends its usual membership benefits to student teachers, providing opportunities for professional growth, leadership training, and also $1 million liability insurance coverage while interns are engaged in student teaching. Membership is open to all students.

#### Kappa Delta Pi

Kappa Delta Pi is an international co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, leadership training, and also $1 million liability insurance coverage while interns are engaged in student teaching. Membership is open to all students.

#### Association of Physical Education College Students (APECS)

The Association of Physical Education College Students (APECS) is open to all students enrolled in the K-12 Physical Education Program. 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.

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### EDUCATION FACULTY

**Adult, Career & Higher Education**

*Chairperson:* W. R. Sullins; *Professors:* W. E. Blank, J. A. Eison, W. B. James, W. H. Young; *Associate Professors:* D. Dellow, V. Hernandez-Gantes, J. M. Ignash, J. B. Scaglione, W. R. Sullins; *Assistant Professors:* R. B. Closson.

---

### Childhood/Language Arts/Reading Education


### Educational Measurement and Research

*Chairperson:* J. Cromrey; *Professors:* L. M. Carey, J. M. Ferron, C. V. Hines, J. D. Kromrey, A. J. Onwuegbuzie; *Associate Professors:* R. F. Dedrick; *Assistant Professor:* Y. Chen.

### Physical Education and Exercise Science

*Director:* S. Sanders; *Professors:* J. Eickhoff-Shemek, F. N. Faucette, M. J. Stewart; *Associate Professor:* C. D. Ashley; *Assistant Professor:* M. Kilpatrick.

### Psychological and Social Foundations


### Special Education

*Chairperson:* D. Thomas; *Professors:* M. Churton, A. Cranston-Gingras, A. Duchnowski, J. Kleinhammer-Tramiill, J. Paul, S. P. Singh, B. Townsend; *Associate Professors:* D. Allsop, B. Loeding, D. Thomas; *Assistant Professors:* P. Jones, P. Alvarez McHatton, M. Matthews, S. E. Shanaessy; *Jointly Appointed Faculty:* R. Clark, G. Dunlap, R. Friedman, K. Kutash, M. Hernandez, T. Stokes; *Instructor:* K. Colucci, B. Doone, J. White; *Visiting Assistant Professor:* E. McCray.

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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 Literature Assessment to Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

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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 its 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 multi-disciplinary approaches, commitment to life-long learning and awareness of societal issues, which are requisite for meeting technological challenges.

The College provides technical assistance and technological transfer to the region, state and nation. In all facets of teaching, research and service, the College emphasizes close liaison with industry and government to provide students and faculty with the skills and perspectives needed to ensure effective technological leadership.

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DEPARTMENTS AND PROGRAMS

The College of Engineering offers undergraduate and graduate programs to prepare students for a broad spectrum of professional careers in engineering. Laboratory experience as well as real-world participation in technological problem solving is a key aspect of a professional engineer’s college education. The College of Engineering, in implementing this need, augments its own modern laboratory and research facilities in close collaboration with the professional societies and the many industries in the metropolitan Tampa Bay area. The College of Engineering offers undergraduate degrees in Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Information Systems, Electrical Engineering, 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 admissions 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 the many community colleges that offer the preliminary coursework.

Junior/community college students planning to transfer to the University of South Florida’s engineering program from a State of Florida operated college or university should follow a pre-engineering program leading to an A.A. degree. All transfer students should complete as much of the mathematics and science coursework as is available to them. In general, engineering courses taken for military training, at the lower level, or as part of an A.S. or technology degree are not transferable to the engineering programs. Transfer students should be aware that the College expects them to meet departmental admission requirements just as it expects its own students to meet these requirements. Junior/community college students intending to pursue an engineering program at USF should contact the advisor at their institution and request a course equivalency list.

The College of Engineering can assist students who are planning to obtain an Engineering degree from the University of South Florida and who have started their studies elsewhere in formulating a sound total program. Interested students should contact the College’s Office of Student Services (813/974-2684) furnishing sufficient details to permit meaningful response.

College Computing Facilities

The College provides access to centralized computing facilities to undergraduate and graduate students. Most engineering departments also provide students with local facilities. The University is an Internet2 site and links are available to directly connect to all major supercomputing centers in the country.

The College provides enterprise level servers for computing, mail, file, web and database services for students and faculty. The College operates several computer open-access labs for student use. These labs are equipped with a large number of modern PCs and UNIX workstations. 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 classwork. Multi-media software packages such as MS FrontPage, Adobe Acrobat, Illustrator, Photoshop, Omni Page Pro, PageMaker, 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 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 begin. 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 education and internship programs for engineering students to provide them the opportunity to become familiar with the practical aspects of operations, engineering research, and 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 junior and senior years. The senior year is generally pursued on a full-time study basis, since many specialization 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 Bachelors degree in four years. Many enter the 5 Year program in the fourth year to pursue the combined Bachelors 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.

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.

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

146 COLLEGE OF ENGINEERING
is accepted to USF, engineering admissions officers will review the necessary credentials and notify the applicant of his or her Engineering status.

Continuing 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 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

b. Computer Science
   Transfer students into the Computer Science program from a Florida community college are not required to have MAP 2302 or the Chemistry course indicated above.

c. Information Systems
   Transfer students into the Information Systems program from a Florida community college are not required to have MAP 2302 or Calculus III or the Chemistry course indicated above.

All other transfer students should contact the College’s Admission Office (813/974-2684).

Transfer Credit

The USF College of Engineering will accept transfer credit when appropriate if the transferred course has been passed with a grade of “C” or better. In some cases credit for a course may be granted, but the hours accepted may be less than the hours earned at another school.

While credit work from other institutions may be granted subject to the conditions of the previous paragraph, the last one-quarter credits, that includes a minimum number of semester hours of engineering coursework specified by the degree-granting department, must be taken at USF to receive the baccalaureate degree. The College of Engineering’s Associate Dean for Academics must approve exceptions.

Transfer credit evaluation is conducted in the Office of Engineering Student Services. Transfer students should be prepared to submit College catalogs and course syllabi from the previous institution if 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.

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 admisions 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. Once admitted, individual departments may have continuation requirements which specify minimum performance standards in the core courses for the discipline which must be met before further registration in the Department is granted.

The Department of Chemical Engineering

Bachelor of Science in Chemical Engineering:
   • Completion of MAC2311 or MAC2312, MAC2313 or MAC2283, CHM2045, CHM2045L, PH2048, PH2048L, PH2049, PH2049L, 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 MAC2312, MAC2313 or MAC2283, PH2048, PH2048L, 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

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
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", based on best attempts in each course ("C-" is insufficient).
- 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 apply to the Five-Year Program 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. The opportunity of taking some graduate courses during the fourth year and deferring the taking of some senior courses to the fifth year.
2. Up to six credit hours, to be determined by program, may be counted toward both degrees in some degree programs.

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 department.

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 their program and receive advisement for their first semester.

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 student.

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 departmental advisors.

The following courses are required for admission:

- MAC2311 or MAC2281
- MAC2312 or MAC2283
- PHY2048, PHY2048L, PHY2049, PHY2049L
- CHM2045, CHM2045L

with a 3.0 GPA (based on best attempt in these courses) and a minimum grade of "C" in each course (grades of "C-" are insufficient).

- 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", based on best attempts in each course (grades of "C-" are insufficient).
- 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 MAC2283
- 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 MAC2283
- 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 Mechanical Engineering

Bachelor of Science in Mechanical Engineering:
- Completion of MAC2311 or MAC2281, MAC2312 or MAC2282, MAC2313 or MAC2283
- PHY2048, PHY2048L, PHY2049, PHY2049L
- CHM2045, CHM2045L

with a 2.5 GPA (based on better of first two attempts) and a minimum grade of "C" (not "C-" in these courses.

- A minimum overall GPA of 2.0
- A minimum USF GPA of 2.0

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 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. Students who have completed a previous bachelors degree with transfer work equivalent to required exit courses may be exempt from one or both of these requirements.

1. University Liberal Arts Requirements

All students are required to take 42 semester hours to complete the University liberal arts requirements. Thirty-six (36) semester hours will satisfy the general education course requirements and 6 semester hours will satisfy the exit requirements. These requirements are distributed as follows:

<table>
<thead>
<tr>
<th>General Education Requirements*</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>6</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Historical Perspectives</td>
<td>6</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>African, Latin American, Middle Eastern or Asian Perspectives</td>
<td>3</td>
</tr>
</tbody>
</table>

**Exit Requirements** (Must be taken at USF)
- Major Works and Major Issues: 3 semester hours
- Literature and Writing: 3 semester hours

*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 option must be requested during the first week of classes. Courses taken on an S/U basis are not applicable to the College’s degree programs. Exceptions require written approval of the department advisor prior to registration.

2. I GRADE POLICY

The criteria for requesting 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 FI. 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 determined 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:

1) Overall Undergraduate GPA
2) USF GPA
3) GPA in Math and Science courses required for the curriculum
4) Engineering Courses
5) Specialization Courses

*Note: The Math Science GPA is based upon the best attempt. Other categories include all attempts, unless grade forgiveness has been applied. In no case will the minimum GPA for a category be less than 2.0.

Students who do not maintain the required minimums of the program pursued in each category are ineligible for further registration in the College unless individually designed continuation programs are recommended by the student’s academic advisor and approved by the department undergraduate coordinator or the Director of Admissions & Advising and the
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 biomedical sciences. Typical specific areas of interest include: understanding basic biochemical and physiological processes, designing and analyzing medical diagnostics and procedures, evaluation and design of health care systems and facilities, design and valuation of prosthetic devices, an general biomedical product development. The College of Engineering offers an undergraduate Enhancement Certificate in Biomedical Engineering. There are two main purposes for the certificate program 1) to accommodate students interested in entering medical school following graduation (this program satisfies most of the typical minimal admission standards for medical school); and 2) to prepare students for graduate education program, drawing from all engineering disciplines, biology, physical sciences, biomedical and clinical sciences. Undergraduate students anticipating graduate 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 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

An undergraduate student, or graduate engineer, may enhance professional achievement by receiving a Certificate in Total Quality Management. The student must satisfactorily complete five courses (15 credit-hours beyond the BS degree) of the eight courses in Total Quality Management. 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 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. Each department may offer a certificate of enhancement in the designated discipline. These include the Certificate 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 specialization related courses, which have been approved by the department beyond those 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 College of Engineering courses.
3. A G.P.A. of 2.0 or greater for the additional hours.
4. The student must receive the B.S. degree to receive the Certificate of Enhancement.

Please contact the appropriate department undergraduate coordinator to be accepted in the program.

FOUR-YEAR PROGRAMS
LEADING TO A BACHELOR OF SCIENCE DEGREE IN A DESIGNATED ENGINEERING FIELD

These engineering degrees are awarded upon successful completion of a program consisting of the required areas of coursework. Programs are offered in the following disciplines of Engineering:

• CHEMICAL ENGINEERING

Undergraduate Degree Offered:
Bachelor of Science in Chemical Engineering (B.S.C.H.)
Graduate Degrees Offered:
Master of Science in Chemical Engineering (M.S.C.H.)
Master of Chemical Engineering (M.C.H.E.)
Master of Engineering (M.E.)
Master of Science in Engineering (M.S.E.)
Master of Science in Biomedical Engineering (M.S.B.E.)
Doctor of Philosophy in Chemical Engineering (Ph.D.)
Doctor of Philosophy in Engineering Science (Ph.D.)
Doctor of Philosophy in Biomedical Engineering (Ph.D.)

This department offers coursework and study in all areas fundamental to Chemical Engineering. Engineering specialization courses, together with mathematics, physics, chemistry, other interdisciplinary engineering fundamentals, and liberal arts courses, provide the basis for long-range professional progress. Because of the many professional areas available for employment to the chemical engineer, the students are also required to take a number of electives from areas such as biotechnology, materials, and environmental engineering. These electives are designed to broaden the experience and, therefore, the employment possibilities of our graduates. The Chemical Engineering Department also offers a sequence of courses in chemical engineering science, biotechnology and biomedical engineering.

A sequence of courses in the engineering aspects of biotechnology is currently available within the Chemical Engineering program. Topics include applied microbiology, fermentation, enzyme technology, cell separation technology, biomedical engineering, biomaterials, biotechnology, and biomechanics.

Students pursuing the Bachelor of Science in Chemical Engineering take coursework in advanced chemistry, thermodynamics, fluids, heat, and mass transfer, numerical methods, separation processes, reacting systems, instrumentation, control, and plant design. Students must also satisfactorily complete a design project as part of their program. Students seeking the Biotechnology/Biomedical Certificate are also required to take additional courses in general biology, microbiology, and biochemistry. Chemical engineering students must maintain a GPA of 2.0 in required departmental courses. Therefore, it is imperative that the students retain close contact with their advisor.

Students completing this program normally initiate their careers in manufacturing, environmental, and biological enterprises. Chemical engineers are found in administrative, technical, and research positions in these industries. Main products of these industries are petrochemicals, polymers, fibers, natural and synthetic fuels, electronic materials, fertilizers, pharmaceuticals, bio-materials, etc.

Solutions of modern societal and scientific problems often require the use of chemical engineering skills. Chemical engineering students must have access to a personal computer during their last two years of study. Those who do not own one will be severely disadvantaged.
**Mission Statement**

The mission of the Department of Chemical Engineering is to provide fundamental knowledge and contemporary skills for the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.

**Program Education Objectives**

1. Our graduates will be able to apply engineering and scientific principles to the development, economic design, and safe operation of chemical processes in a manner compatible with societal values.
2. Our graduates will be able to build upon their undergraduate education, expanding and adapting their knowledge and skills in their chosen career path.
3. Our graduates will be able to function as professionals, working both as individuals and as team members striving towards common objectives, communicating effectively and following appropriate ethical standards in the process.
4. Our graduates will be able to be productive members of society in general as a result of their technical abilities combined with their broad exposure to the humanities and awareness of societal and global issues.

**Departmental Policies**

In addition to the College’s graduation requirements, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.

**Four-Year Curriculum - Chemical Engineering**

**Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:**

If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the University’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Students qualify for direct entry to their intended department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

**Communications:**

- ENC 1101/1102 English I and II (6)

**Humanities & Social Sciences:**

- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

**Mathematics:**

- USF C/C
  - MAC 2281
  - MAC 2282
  - MAC 2283
  - MAP 2302
  - or MAC 2281, MAC 2282, MAC 2283

**Natural Sciences:**

- CHM 2045
- CHM 2045L

**Elective Courses:**

- PHY 2048
- PHY 2048L

**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 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
- ALAMEA Perspectives Elective 3
- Fine Arts Elective 3
- Total 15

**Semester II**

- ENC 1102 Composition II 3
- MAC 2282 Engineering Calculus II 4
- CHM 2046 General Chemistry II 3
- CHM 2046L General Chemistry II Lab 1
- PHO 2048 General Physics I 3
- PHY 2048L General Physics I Lab 1
- Total 18

**Semester III**

- ENC 1103 Composition III 3
- MAC 2283 Engineering Calculus III 4
- PHO 2049 General Physics II 3
- PHY 2049L General Physics II Lab 1
- EGN 3443 Engineering Calculistics 3
- History Perspectives Elective 3
- Social Science Elective 3
- Total 17

**Semester IV**

- EGN 3433 Modeling & Analysis of Engineering Systems 3
- or
- MAP 2302 Differential Equations 3
- EGN 3343 Thermodynamics 3
- ENC 3246 Communication for Engineers (6A L&W) 3
- ECH 3023C Material and Energy Balances 4
- ECH 4936 Undergraduate Seminar 1
- Total 14

**Summer**

- CHM 2210 Organic Chemistry I 3
- CHM 2210L Organic Chemistry I Laboratory 2
- Social Science Elective 3
- History Perspectives Elective 3
- Total 11
Semester V

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 4123</td>
<td>Chemical Engineering Thermodynamics</td>
<td>3</td>
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<tr>
<td>ECH 4264</td>
<td>Transport Phenomena</td>
<td>4</td>
</tr>
<tr>
<td>ECH 4845</td>
<td>Numerical Methods in Chem Eng</td>
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</tr>
<tr>
<td>ECH 4931</td>
<td>Chemical Engineering Elective</td>
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Semester VI

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<tr>
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<tr>
<td>ECH 3702</td>
<td>Instrument Systems</td>
<td>3</td>
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<tr>
<td>ECH 3242L</td>
<td>Chemical Engineering Lab I</td>
<td>1</td>
</tr>
<tr>
<td>ECH 4265C</td>
<td>Mass Transfer Operations</td>
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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II</td>
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<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry Lab II</td>
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<td>ECH 4605</td>
<td>Chemical Engineering Electives</td>
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Semester VII

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<tr>
<td>ECH 4415C</td>
<td>Reaction Engineering</td>
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<tr>
<td>ECH 4243L</td>
<td>Chemical Engineering Lab II</td>
<td>1</td>
</tr>
<tr>
<td>EMA 4003</td>
<td>Introduction to Materials Science</td>
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<tr>
<td>ECH 4323C</td>
<td>Process Dynamics and Control</td>
<td>3</td>
</tr>
<tr>
<td>ECH 4605</td>
<td>Product &amp; Process Systems Engineering</td>
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</tr>
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Semester VIII

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ECH 4615</td>
<td>Product and Process Design (MW/MI)</td>
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<tr>
<td>BME 4406</td>
<td>Engineering of Biological Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECH 4244L</td>
<td>Chemical Engineering Lab III</td>
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<td>ECH 4615C</td>
<td>Chemical Engineering Elective</td>
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<td>Total</td>
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</table>

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 4931</td>
<td>Special Topics in Chemical Engineering*</td>
<td>3</td>
</tr>
<tr>
<td>BME 4406</td>
<td>Engineering of Biological Systems</td>
<td>3</td>
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</table>

The remaining 9 credit hours can be taken from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 6417</td>
<td>Bioseparations</td>
<td>3</td>
</tr>
<tr>
<td>ECH 4931</td>
<td>Special Topics in Chemical Engineering**</td>
<td>3</td>
</tr>
<tr>
<td>PHZ 4702</td>
<td>Applications of Physics to Biology &amp; Medicine I</td>
<td>4</td>
</tr>
</tbody>
</table>

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 courses.
**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 of Science in Environmental Engineering (M.S.E.V.)
Master of Civil Engineering (M.C.E.)
Master of Engineering (M.E.)
Doctor of Philosophy in Civil Engineering (Ph.D.)
Doctor of Philosophy in Engineering Science (Ph.D.)

This department offers course work and study pertinent to Civil Engineering, Engineering Mechanics, Material Science, and Environmental Engineering. Areas of concentration are structural engineering, engineering mechanics, geotechnical engineering, transportation engineering, water resources engineering, materials and corrosion engineering, and environmental engineering.

Students completing the program may enter the profession as engineers in civil, structural, geotechnical, transportation, water resources, environmental, hydraulics, or materials disciplines. All of these disciplines share the need for knowledge in the areas of engineering mechanics, civil engineering, material science, and environmental engineering. Through choice of the proper area of concentration, a student has the opportunity to channel academic studies specifically towards his/her career choice.

Graduates of the program may commence their engineering careers in either industry, engineering consulting firms, or public service at the federal, state, or local level. Initial assignments may include planning, design and implementation of water resources systems; planning and design of transportation and housing systems; regional planning, design, and management for abatement of air, water and solid waste pollution problems; design of bridges and single and multistory structures; and supervision of construction projects.

Mission Statement
The mission of the Department of Civil and Environmental Engineering is
1. to provide a quality educational experience for all students, both undergraduate and graduate, at the level of the top ranked universities in the nation;
2. to develop new knowledge, processes, or procedures through research which will benefit mankind; and
3. to provide service through professional activities.

Undergraduate Program, Vision and Guiding Principles

The Department will provide our undergraduate students with a strong, broad-based, engineering education that gives them the basic intellectual and organization skills that allow
them to work with complex systems with technological, social, and environmental components. As many of our students begin work upon graduation in industry or with governmental organizations, the curriculum is designed to prepare our students for these roles by requiring a number of courses in the various fields of civil engineering and by providing limited specialization in one given area. The curriculum is designed to encourage lifelong learning and to prepare students for undertaking advanced studies in engineering or in other professional areas.

Undergraduate Educational Objectives
1. The Department will provide undergraduate students with the strong technical education needed for a career in civil engineering.
2. The Department will provide undergraduate students with an education that prepares them to perform effectively in the workplace with the communication skills needed to deal with coworkers, clients, and the public.
3. The Department will provide undergraduate students with an education that allows them to understand the societal implications of engineering decisions and designs in both a local and global context and the ethical training to evaluate those implications.
4. The Department will provide undergraduate students with an education that promotes the full and continuing development of their potential as engineers and effective members of society.

Concentrations
In addition to designated common coursework in engineering mechanics, civil, and environmental engineering, students undertake a concentration of 18 hours of coursework plus a 4-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:
C/C
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
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, 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
EGN 3000 Foundations of Engineering 1
Social Science Elective 3
Total 17

Summer Semester
ALAMEA Perspective Elective 3
Historical Perspective Elective 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EGN 3615</td>
<td>Engineering Economics with Social &amp; Global Implications</td>
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<td><strong>Total Semester III</strong></td>
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<tr>
<td>PHY 2049</td>
<td>General Physics II</td>
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<td>PHY 2049L</td>
<td>General Physics II Lab</td>
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<tr>
<td>MAG 2283</td>
<td>Engineering Calculus III</td>
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<td>EGN 3311</td>
<td>Statics</td>
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<tr>
<td>Historical Perspective Elective</td>
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<td>ENC 3246</td>
<td>Communication for Engineers (6A L&amp;W)</td>
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<td><strong>Total Semester IV</strong></td>
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<tr>
<td>MAP 2302</td>
<td>Differential Equations</td>
<td>3</td>
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<tr>
<td>EGN 3321</td>
<td>Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3343</td>
<td>Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3443</td>
<td>Engineering Statistics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3365</td>
<td>Materials I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Semester V</strong></td>
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<tr>
<td>EGN 3353</td>
<td>Fluid Mechanics</td>
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<td>EGN 3331</td>
<td>Mechanics of Materials</td>
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<td>EGN 3331L</td>
<td>Mechanics of Materials Lab</td>
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<td>ENV 4001</td>
<td>Environmental Engineering I</td>
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<td>TTE 4004</td>
<td>Transportation Engineering I</td>
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<tr>
<td>EGN 4420</td>
<td>Numerical and Computer Tools</td>
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<td><strong>Total Semester VI</strong></td>
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<tr>
<td>CES 3102</td>
<td>Structures I</td>
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<tr>
<td>CWR 4202</td>
<td>Hydraulics</td>
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<td>ENV 4004L</td>
<td>Environmental/Hydraulics Engineering Lab</td>
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<td>EGN 3373</td>
<td>Introduction to Electrical Systems I</td>
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<tr>
<td>CEG 4011</td>
<td>Geotechnical Engineering I</td>
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<td>CE Concentration Elective</td>
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<td>Fine Arts Elective</td>
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<td><strong>Total Semester VIII</strong></td>
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<td>CE Concentration Elective</td>
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<td>CE Concentration Elective</td>
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<td>CE Concentration Elective</td>
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<tr>
<td>CE Capstone Design Requirement (MW/MI)</td>
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<tr>
<td>Social Science Elective</td>
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<tr>
<td></td>
<td><strong>Total Semester IX</strong></td>
<td><strong>16</strong></td>
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<tr>
<td>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&amp;W) are fully met through ENC3246 and a Capstone Design Course indicated as MW/MI.</td>
<td></td>
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</table>

**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 4972 Concepts of Concrete Design
- CGN 4851 Concrete Construction Materials
- CGN 4953 Special Topics in Civil and Environmental Engineering*
- CWR 4103 Water Resources I
- CWR 4541 Water Resources II
- ENV 4417 Water Quality & Treatment
- SUR 2101C Engineering Land Surveying
- TTE 4005 Transportation Engineering II

**Sample tracks for Specialization Areas**

**Water Resources/Environmental Engineering**

- CCE 4034 Construction Management 3
- CWR 4103 Water Resources I 3
- ENV 4417 Water Quality and Treatment 3
- CEG 4012 Geotechnical Engineering II 3
- CWR 4812 Capstone Water Resources/Environmental Design 4
- CGN 4933 Special Topics in Civil & Environmental Engineering 3
- SUR 2101 Engineering Land Surveying 3

**Structures/Materials**

- CEG 4012 Geotechnical Engineering II 3
- CES 4605 Concepts of Steel Design 3
- CES 4702 Concepts of Concrete Design 3
- CGN 4851 Concrete Construction Material 3
- CCE 4034 Construction Management 3
- CCE 4740 Capstone Structural/Geotechnical/ Material Design 4
- CGN 4933 Special Topics in Civil & Environmental Engineering 3

**Transportation/Geotechnics**

- TTE 4005 Transportation Engineering II 3
- CEG 4012 Geotechnical Engineering II 3
- CGN 4933 Special Topics in Civil and Environmental Engineering 3
- CEG 5115 Foundation Engineering 3
- CEG 4850 Capstone Geotechnical/Transportation Design 4
- CCE 4034 Construction Management 3
- SUR 2101C Engineering Land Surveying 3

*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 six electives coupled with a capstone design course (22 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 covered may include 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 research 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 Solaris and PC workstations and SOLARIS servers.

Three undergraduate degree programs are offered within the Department of 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/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 large scale IT operations for both manufacturers of computers and for users. A wide and expanding variety of design and applications opportunities characterize this field. The rapid growth and continual change within this field makes it essential for students to acquire a broad foundation in applied mathematics and the physical sciences, and to develop communication skills and to become familiar with the domains of potential computer application 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 transferring technology 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. The minimum grade in math, science, and engineering courses is a C-.
   b. The minimum grade in specialization courses is a C-.
   c. The minimum grade in major areas of application of those fundamentals.
   d. The minimum grade in math, science, and engineering courses which are required for the degree is a C-.
   e. The minimum grade in major areas of application of those fundamentals.

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 Transferring from a Florida Community College:
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students transferring from a Florida Community College to University of South Florida:
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.

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
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

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<td>COT 3100</td>
<td>Intro Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td>COP 3331</td>
<td>Object Oriented Software Design</td>
<td>3</td>
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<td>Historical Perspectives Elective</td>
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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

COP 3331 Object Oriented Software Design 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 4
Total 15

Semester VII

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

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

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 stated otherwise, a grade of “C” is the minimum acceptable grade (“C-” is insufficient). 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
- COP 3514 Program Design 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 3331 Object Oriented Software Design 3

Social Science Elective 3
Historical Perspective Elective 3
Total 15

Summer Semester
- ECO 2023 Microeconomics 3
- EEL 4855 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
- Historical Perspectives 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
- ENC 3246 Communication for Engineers 3
- CIS 4250 Ethical Issues (6A MW/MI) 3
- CSE Electives 6
- Total 12

Gordon Rule (6A) is fully met through the mathematics courses above, ENC1101, ENC1102, 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, controls, solid state, system analysis, digital circuit design and microelectromechanical systems (MEMS). Basic concepts are augmented with well-equipped laboratories in circuits, electronics, digital systems, microwave techniques, wireless circuits & systems, and controls and communications. In addition, a general-purpose computer facility, a microprocessor and digital signal processing laboratory, and a microelectronics fabrication, design/test and metrology laboratory are available to undergraduate and graduate students.
## Mission Statement
The mission of the Electrical Engineering Department at the University of South Florida is to provide internationally recognized educational programs; to conduct and disseminate internationally recognized research benefiting humanity; to provide service to society; and to emphasize the need for lifelong learning, ethical conduct and an understanding of the diverse social context in which engineering is practiced.

## Objectives
The Department objectives are to produce graduates

1. with the knowledge and skills necessary to practice Electrical Engineering successfully,
2. who can pursue advanced topics through graduate or professional studies.

Students pursuing the Bachelor of Science in the Electrical Engineering program take designated coursework in network analysis, electronics, communications, electromagnetic theory, control systems, microelectronics and microprocessors. This coursework is supplemented by electives in many specialized areas of electrical engineering.

Students completing this program normally pursue industrial careers in electronics, communications, power and controls, digital systems, microelectronics, and information systems. The electrical graduate may apply his/her knowledge to such diverse areas as wireless and satellite communications, remote guidance, MEMS, sensing technology, systems integration, automation, computer and information systems, electronic power generation and transmission, electrically propelled transportation, etc. The graduate may do this by performing needed engineering functions related to research and development (often requires an advanced degree), design, production, operation, sales, or management of these products/services.

### Departmental Policies
In addition to the College’s graduation requirement, the department has the following policies:

1. Mandatory academic advising of students for each term.
2. Exit interviews as a graduation requirement.
3. Students must pass all required BSEE courses, except EGN 3373 and EGN 3374, humanities and social sciences, with a grade of "C" or better. EGN 3373 and EGN 3374 must be passed with a grade of B or better to continue in the program while a D is acceptable in humanities and social sciences.

### 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 met 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 or Social Sciences:
- Humanities Courses (6)

### Mathematics:

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<td>MAP 2302</td>
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*or MAC 2281, MAC 2282, MAC 2283

### Social Science Courses (6)

- Humanities or Social Sciences (3)

### Natural Sciences:

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</tr>
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<td>PHY 2049L</td>
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*or CHS 1440 Chemistry for Engineers

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

### 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 in these courses 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.

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### 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. 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.

#### Gordon Rule (6A)

1. **Mandatory academic advising of students for each term.**
2. **Attract and recruit high quality students;**
3. **Educate, motivate and serve students with the ultimate goal of preparing them for their professional careers;**
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. **Graduate degrees offered:**
  2. **Exit interviews as a graduation requirement.**

### Undergraduate Degree Offered:
- Bachelor of Science in Industrial Engineering (B.S.I.E.)
- Bachelor of Engineering (B.E.)
- Master of Science in Industrial Engineering (M.S.I.E.)
- Master of Engineering (M.E.)
- Master of Science in Engineering Science (M.S.E.S.)
- Master of Science in Engineering Management (M.S.E.M)

### 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.

#### 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.

#### Departmental Policies

- In addition to the College’s graduation requirement, the department has the following policies:
  1. **Graduate degrees offered:**
  2. **Exit interviews as a graduation requirement.**

### Four-Year Curriculum in Industrial and Management Systems Engineering

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>V</td>
<td>EEL 3100</td>
<td>Network Analysis</td>
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<tr>
<td></td>
<td>EEL 4705</td>
<td>Logic Design</td>
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<td></td>
<td>EEL 4705L</td>
<td>Logic Lab</td>
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<td></td>
<td>EEL 3301L</td>
<td>Lab I (Circuits)</td>
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<td></td>
<td>EEL 4471</td>
<td>Electromagnetics</td>
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<td></td>
<td>EEL 4351C</td>
<td>Semiconductor Devices</td>
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<td>Semester VI</td>
<td>EEL 4102</td>
<td>Linear Systems Analysis</td>
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<td>EEL 3375</td>
<td>Indus. Mach. &amp; Power Applications</td>
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<td>EEL 4744</td>
<td>Microprocessors</td>
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<td>EEL 4743L</td>
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<td>EEL 3302</td>
<td>Electronics I</td>
<td>3</td>
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<td></td>
<td>ELR 4316L</td>
<td>Wireless Circuits &amp; Systems Lab</td>
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<td>Semester VII</td>
<td>EEL 4906</td>
<td>Prof. Issues &amp; Eng. Design (MW/MI)</td>
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<td>EEL 3302L</td>
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<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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<td>EEL 4914</td>
<td>EE Design Project</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.)
- Bachelor of Engineering (B.E.)
- Master of Science in Industrial Engineering (M.S.I.E.)
- Master of Engineering (M.E.)
- Master of Science in Engineering Science (M.S.E.S.)
- Master of Science in Engineering Management (M.S.E.M)

**Graduate Degrees Offered:**
- Master of Industrial Engineering (M.I.E.)
- Doctor of Philosophy in Industrial Engineering (Ph.D.)
- Doctor of Philosophy in Engineering Science (Ph.D.)
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.

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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<thead>
<tr>
<th>Semester I</th>
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<tr>
<td>CHM 2045</td>
<td>Chemistry I</td>
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<td>EGN 3000</td>
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<tr>
<td>ENC 1101</td>
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<td>MAC 2281</td>
<td>Engineering Calculus I</td>
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<td>PHY 2048</td>
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<td>EGN 3443</td>
<td>Engineering Statistics</td>
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<td>PHY 2049</td>
<td>Physics II</td>
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<tr>
<td>EGN 3311</td>
<td>Statics</td>
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<td>COP 2510</td>
<td>Programming Concepts</td>
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<tr>
<td>EGN 4450</td>
<td>Linear Systems</td>
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<tr>
<td>EGN 3433</td>
<td>Modeling &amp; Analysis of Engineering Systems</td>
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<td>or</td>
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<tr>
<td>MAP 2302</td>
<td>Differential Equations</td>
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<tr>
<td>EGS 1113</td>
<td>Engineering Graphics</td>
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<td>EGN 3615</td>
<td>Engineering Economy with Social and Global Implications (SS)</td>
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<td>EGN 3343</td>
<td>Thermodynamics</td>
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<td>EIN 4333</td>
<td>Production Control</td>
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<td>ESI 4221</td>
<td>Industrial Statistics/Quality Control</td>
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<td>ESI 4313</td>
<td>Probabilistic OR</td>
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<tr>
<td>EIN 4364C</td>
<td>Facilities Design</td>
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<td>EIN 4352</td>
<td>Engineering Cost Analysis</td>
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<tr>
<td>ESI 444</td>
<td>Design of Experiments</td>
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<td>ESI 4523</td>
<td>Industrial Systems Simulation</td>
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<td>Tech Elective Industrial Engineering</td>
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<th>Semester VIII</th>
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<td>EIN 4243C</td>
<td>Human Factors (6A)</td>
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<td>EIN 4891</td>
<td>Capstone Design (MW/MI)</td>
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<tr>
<td>EIN 4601</td>
<td>Automation/Robotics</td>
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<tr>
<td>ENC 3246</td>
<td>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.E.)
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:

a. to provide an exemplary undergraduate and graduate education for students entering the mechanical engineering profession or seeking careers in related fields;

b. to advance scientific knowledge through basic and applied research;

c. to disseminate technical information through scholarly publication and presentation, and continuing education;

d. to advance the profession through service within the associated societies;

e. to promote activities which embrace global development.

Objectives
The objectives of the Undergraduate Program in Mechanical Engineering are:

A. Our graduates will successfully apply concepts of science, mathematics, computation, and engineering in their chosen endeavor;

B. Our graduates will possess knowledge and skills essential to engineering processes, such as design, analysis, synthesis, fabrication and experimental techniques;

C. Our graduates will demonstrate skills for professional interaction and leadership including multi-disciplinary collaboration, and effective oral and written communication.

D. Our graduates will understand technology within a global, societal and economic context. They will also demonstrate continued career development as well as 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.

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 Sciences 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

*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 2.5 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.

<table>
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<tr>
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<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>Semester I</td>
<td>ENC 1101</td>
<td>Composition I</td>
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<td>MAC 2281</td>
<td>Engineering Calculus I</td>
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<tr>
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<td>CHM 2045</td>
<td>General Chemistry I</td>
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<td>CHM 2045L</td>
<td>General Chemistry I Lab</td>
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<tr>
<td></td>
<td>EGS 1113</td>
<td>Intro. to Design Graphics</td>
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<td>EGN 3000</td>
<td>Foundations of Engineering</td>
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| 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       |
|             | EML 4124  | Heat Transfer                       | 3       |
|             | Approved Technical/Design/Science Elective      | 3       |
|             | ALAMEA Elective                                  | 3       |
|             | Total                                            | 15      |

| Semester VII | EML 4106 | Thermal Systems                     | 3       |
|              | EML 4302 | Mechanical Engineering Lab II       | 3       |
|              | EML 4220 | Vibrations                          | 3       |
|              | Approved Technical/Design/Science Elective      | 3       |
|              | Historical Perspectives Elective                | 3       |
|              | Total                                            | 15      |

| Semester VIII | EML 4312 | Mechanical Controls                | 3       |
|               | EML 4551 | Capstone Design (MW/MI)            | 3       |
|               | Approved Technical/Design/Science Elective      | 3       |
|               | Approved Technical/Design/Science Elective      | 3       |
|               | Total                                            | 12      |

- **GENERAL ENGINEERING**

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.

Pre-law 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 pursuing 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 engineering 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 Engineering 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 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.

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.

Continuation Requirements: Completion of the following: EGN 3311, EGN 3343, EGN 3443 and EGN 3373 with grades of C or better, (C- is insufficient), is required before registration in specialization courses will be permitted.

Department Policies:
1. Advising is mandatory prior to each term.
2. A grade of C or better is required in Math, Science and Engineering Courses (C- is insufficient).
3. College Electives must be relevant to specialization and approved by the Program Coordinator.

Semester I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENC 1101</td>
<td>Composition I</td>
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<tr>
<td>MAC 2281</td>
<td>Engineering Calculus I</td>
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<tr>
<td>CHM 2045</td>
<td>General Chemistry</td>
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<td>EGN 3000</td>
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<td>PHY 2048</td>
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<tr>
<td>EGN 3433</td>
<td>Modeling &amp; Analysis of Engineering Systems</td>
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</tr>
<tr>
<td>or MAP 2302</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3373</td>
<td>Introduction to Electrical Systems</td>
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<td>EGN 3443</td>
<td>Engineering Statistics</td>
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<td>EGN 3343</td>
<td>Thermodynamics</td>
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<td>Fine Arts Elective</td>
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Semester V

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<td>XXX XXXX</td>
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Semester VI

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Semester VII

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<tr>
<td>XXX XXXX</td>
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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
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: Psychology and the Law (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 a 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. Satellite oceanography is a good example of such a program. More than 100 students are currently pursuing degrees under the direction of 26 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 Bellows (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 Institute (FWRI), the research arm of the Florida Fish and Wildlife Conservation Commission. A second 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

Undergraduate Nursing Program
General Information

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.

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 College of Nursing offers four Undergraduate programs:

IMPORTANT! Pre-nursing majors (PNR) (PNN) are covered by general University policies and advised through the Center for Academic Advising.

1. The FTIC (first time in college) Program is for students who have not taken courses as a college student previously and who have a high school GPA of 3.6 and composite SAT of 1200 (based on reading and math sections only) or ACT of 28. Once admitted to the College of Nursing FTIC students must complete
   a. state mandated prerequisite courses with a grade of B or higher and achieve an overall GPA of 3.5.
   b. College of Nursing prerequisite courses with a grade of B or higher and achieve an overall GPA of 3.5.

Students who meet all requirements are guaranteed a seat in the next Upper Division admission cycle.

2. Upper Division Program is for students who have completed all the prerequisite courses and have a minimum 3.0 GPA. This is a limited access program with competitive admission, and students with higher GPAs are given preference.

3. The Accelerated Program is for students 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 be considered for admission into the accelerated program. Students will complete 50 credits in nursing, earning a second bachelor’s degree. This is a limited access program with competitive admission and students with higher GPAs are given preference.

4. The RN Completion Program is for qualified registered nurses who are graduates of associate degree or diploma programs in nursing. Students must complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule). The student must be currently licensed to practice as a Registered Nurse by the Florida Board of Nursing.

Registered nurses with an ASN degree have the option of selecting the ASN to MS degree option. Support/prerequisite courses are the same as for the ASN to BS option and admission is through the undergraduate program. Student may receive both the BS and MS degrees at graduation upon completion of their MS degree providing all University criteria (including the foreign language requirement) are met. Planning with a RN advisor will determine the nursing course requirements and progress through the program.

Admission Process

In order to be considered for admission to the college, the applicant must:
1. Submit an application to USF by the appropriate deadline.
2. Submit an online College of Nursing application by the appropriate deadline at http://hsccf.hsc.usf.edu/con_online_app/index.cfm.
3. Complete all prerequisite courses with a grade of "C" or better.
4. Complete, prior to registration, the College of Nursing Health Form.

Prerequisite Coursework for Nursing Students

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.

All courses not approved by the Florida State Course Numbering System (includes all Florida public colleges, universities, and community colleges) used to satisfy these prerequisite requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

BSC X085C Human Anatomy & Physiology I or any Human Anatomy & Physiology I course, 3-4 semester hours
BSC X086C Human Anatomy & Physiology II or any Human Anatomy & Physiology II course, 3-4 semester hours
CHM XXXX Comprehensive General Chemistry (CHM 1032 or higher), 4-6 semester hours
DEP X004 Human Growth & Development or any Human Growth & Development course, 3 semester hours
HUN X201 Human Nutrition or any Human Nutrition course, 3 semester hours, OR
NUR 1192
MCB X010C Microbiology or Any Microbiology course, 4 semester hours
PSY X012 Introduction to Psychology or any General Psychology course, 3 semester hours
STA X014 Statistics or any Statistics course, 3 semester hours
SYG X000 Introduction to Sociology or any Introduction to Sociology course, 3 semester hours
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:

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<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>English</td>
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<tr>
<td>Math - Gordon Rule course</td>
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</tr>
<tr>
<td>Algebra or Finite Math (preferred)</td>
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<td>Statistics</td>
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<td>Fine Arts</td>
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<td>Chemistry</td>
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<td>Nutrition</td>
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<td>Microbiology</td>
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<td>Anatomy/Physiology</td>
<td>6-8</td>
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<tr>
<td>Social Sciences</td>
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<tr>
<td>Life Cycle</td>
<td>3</td>
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<td>Psychology</td>
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<td>Historical Perspectives</td>
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<tr>
<td>African, Latin American, Middle Eastern,</td>
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<td>Asian Perspectives</td>
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<td>NUR 3826 Ethical/Legal Aspects of Nursing</td>
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<td>NUR 3026 Fundamentals of Nursing Practice</td>
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<td>NUR 3066 Physical Exam</td>
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<td>NUR 3026L Fundamentals Clinical</td>
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<td>NUR 3145 Pharmacology</td>
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<td>NUR 3215 Medical Surgical Nursing</td>
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<td>NUR 3215L Medical Surgical Nursing I</td>
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<td>NUR 3525 Psychiatric Mental Health Nursing</td>
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<td>NUR 4216 Medical Surgical Nursing II</td>
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<td>NUR 4455 Women's Health Nursing</td>
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<td>NUR 4636 Community/Public Health Nursing</td>
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<td>NUR 4635L Integrated Clinical</td>
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<tr>
<td>NUR 4838 Leadership/Management</td>
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<tr>
<td>NUR 4948L Preceptorship</td>
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Total Hours: 124

*State Mandated Prerequisites

Nursing Advising

The College of Nursing Office of Student Services 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, Information Sessions, 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

- Facilitate the application and acceptance process for students
- Assist students as they develop their educational plans
- Guide students to select appropriate courses
- Help students interpret institutional requirements
- Advise students to facilitate progression in their course of study
- Facilitate graduation process for students

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 mailing address is 12901 Bruce B. Downs, MDC22, Tampa, FL 33612-4766. The College telephone number is (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.

For information about programs, scholarships, faculty, and courses, consult the College of Nursing website at http://www.hsc.usf.edu/nursing.
Accelerated Program Course of Study  
(After Completion of ALL Pre-requisite Courses)

Students have the option to register for up to 3 graduate-level courses requiring a B or better to transfer into a masters program.

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  
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  
NUR 3125 Pathophysiology for Nursing Practice 4  
NUR 3145 Pharmacology in Nursing Practice 3  
NUR 4636 Community/Public Health Nursing 3  
NUR 4636L Comm/Public Health Nursing Clinical - RN 3  
NUR 4838 Leadership & Management in Professional Nursing Practice 3  
NUR 3826 Ethical Legal Aspects in Nursing and Health Care 3  
NUR 4165 Nursing Inquiry 3  
NUR XXXX Nursing Elective 3  

Total Hours 49-64

*Please see academic advisor for required special topics courses.

• REGISTERED NURSE - COURSE OF STUDY  

NUR 3806 Educational Transitions for RN 3  
NUR 3066 Physical Examination and Assessment 2  
NUR 3066L Clinical Experience in Health Assessment - RN 1  
NUR 3125 Pathophysiology for Nursing Practice 4  
NUR 3145 Pharmacology in Nursing Practice 3  
NUR 4636 Community/Public Health Nursing 3  
NUR 4636L Comm/Public Health Nursing Clinical - RN 3  
NUR 4838 Leadership & Management in Professional Nursing Practice 3  
NUR 3826 Ethical Legal Aspects in Nursing and Health Care 3  
NUR 4165 Nursing Inquiry 3  
NUR XXXX Nursing Elective 3  

Total Hours 72

College of Nursing courses include predominately live classroom courses with some web-based courses and some blended courses. Not all courses are available as on-line courses and blended courses require some campus classroom meetings.
For Athletic Training Major (BAT):
The undergraduate Athletic Training Major is a limited access program designed to prepare students for a successful career as a qualified allied health care professional educated and experienced in the management of health care problems associated with sports participation. Admission to the major is gained through completion of required criteria set forth by the School of Physical Therapy and Rehabilitation Services in addition to the regular university application process. Successful completion of the major qualifies students to take the Board of Certification Examination and the State of Florida Athletic Trainer Licensure. The Athletic Training Program is accredited by the Commission on Accreditation of Athletic Training Education Programs (CAAATE).

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 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 the following "B" Summer Session. 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 major program, submission of all transcripts, recommendations, 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 Medicine, School of Physical Therapy and Rehabilitation Services. (exemption from the three common course prerequisites: EDF 2005, EDO 2701, and EME 2040)
   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 1
      - BSC 2011 Biology I - Diversity 3
      - BSC 2011L Biology I 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.

* BSC 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 2094C 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
PET 3660 Athletic Training Administration & Policy 3
Once admitted to the Athletic Training Program students must be available from 8am – 12 pm for class and from 2 pm – 7pm for clinical education daily (times vary depending on site). Students must also be available nights and weekends for clinical assignments.

There will be additional costs (above tuition and fees) for the clinical rotations which may include, but are not limited to professional liability insurance, physical examination and immunizations, professional association fees, and uniforms. Transportation is needed for all off-campus clinical sites. Each student will have a minimum of one off-campus rotation.

Students are required to be fingerprinted and complete a background check prior to starting rotations at any public or private school. The athletic training student is responsible for this additional expense.

Students proceed through the program in cohorts and are required to complete all the 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 re-apply for the next cohort. Students must maintain a 3.0 GPA in the core courses or will be placed on probation in the program. Probation includes attending mandatory study sessions. Two consecutive semesters on probation may result in the student being dismissed from the program.

Students must satisfy the University’s CLAST requirements.
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 38 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 applying to medical schools as an alternative to clinical degrees. Undergraduate students may consider the Undergraduate Accelerated Entry Program for Master’s degree in Public Health Education that bypasses the Bachelor’s 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 3000 students enrolled in our courses each semester. Based on the enrollment figures and student expressing their interest in declaring a minor in public health, a General Public Health Minor (GPHM) was developed in 2005. 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 area, 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 Human Disease (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health. Below is a list of undergraduate courses. College courses are offered through traditional classroom methods, on-line courses and programs, weekend programs, learning institutes, certificates and continuing education courses.

The College offers undergraduate courses to prepare students for the graduate criteria required for admission. USF undergraduate courses HSA 4011 “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 4933 Special Topics Courses
3
Foundations of Global Health
Introduction to Environmental Health
Introduction to Food Safety
Men’s Health and Gender in Society
Secret History of Death and Disease
Understanding U.S. Health Care
Women’s Health: A Public Health Perspective
3

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 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 a 3.0 on a four-point scale, or received a minimum Verbal GRE score of 500 and a minimum Quantitative GRE score of 550. 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: rmcdermo@hsc.usf.edu; or (TBA), (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.

Upon completion of the General Public Health Minor coursework, a student will be able to:
1. Articulate the role of public health in disease prevention and health promotion in the local, state, national and global level.
2. Describe public health concepts and issues.
3. Discuss and analyze current public health issues.
4. Describe career paths in public health.
5. Develop an understanding of public health that can serve 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 courses listed below. These courses will give students a broad overview of public health concepts. Departmental courses can then be selected from a wide range of College of Public Health courses in consultation with the undergraduate academic advisors. Students are encouraged to select departmental courses that provide a cohesive learning experience based on their individual interests and goals and may involve selecting courses from a department or emphasis area, assisted by academic advisors in the student's major and College of Public Health.

**Required Courses (9 credit hours):**
- HSA 4011 Introduction to Public Health 3
- HSC 4554 Survey of Human Disease 3

**Choose one of the following:**
- HSC 2100 Contemporary Health Science 3
- HSC 4531 Medical Terminology 3

**Electives (9 credit hours):**
- HSC 2133 Sex, Health and Decision Making 3
- HSC 3541 Human Structure and Function 3
- HSC 4211 Health, Behavior and Society 3
- HSC 4134 Prevention of Mental Illness 3
- HSC 4504 Foundations of Public Health Immunology 3
- HSC 4542 Stress, Health and College Life 3
- HSC 4579 Foundations of Maternal and Child Health 3

**Special Topics Courses**
- Behavioral Health System Delivery 3
- Foundations of Global Health 3
- Introduction to Environmental Health 3
- Introduction to Food Safety 3
- Men's Health and Gender in Society 3
- Secret History of Death and Disease 3
- Women's Health: A Public Health Perspective 3
- Understanding U.S. Health Care 3

For any additional information about the College of Public Health Minor, please feel free to contact:
Dr. Kay Perrin; kperrin@health.usf.edu, (813) 974-6704
Dr. Suzanne Perry-Casler; sperryc@health.usf.edu, (813) 974-9998

**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 may vary in credit hours.

**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 450 for the verbal and 550 for quantitative sections of 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/gradcerts/index.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, Interdisciplinary Women’s Health, Public Health Policies and Programs, Public Health Generalist and Humanitarian Assistance.

The GRE is not required for Certificate programs. However, Certificates may have other specific requirements. Refer to the College of Public Health website: for flyers describing certificate programs.

Contact the USF Office of Graduate Certificates, (813) 974-2442 www.outreach.usf.edu/gradcerts for application forms.

**Public Health Advising**
Potential applicants should prepare at the undergraduate level for careers in public health. Undergraduate public health courses present a broad range of public health issues and are offered on campus and on-line. These undergraduate courses can be selected as part of the student’s approved planned program or as electives to prepare students for graduate classes. Except for the undergraduate student selecting the Accelerated Health Education program or the Fast Track for 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
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 with a resume uploaded in the Career Center’s online resume database. Students can electronically refer their resume to apply for both on-campus interviews, and employment opportunities advertised in the Career Center’s job listing database.

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 interview candidates 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.

Transitional Advising Center (TRAC)

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

The Center’s primary responsibility is to provide academic advising to undergraduate students in transition (undeclared), 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, Architecture and Hospitality Management, and evaluates and
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 for 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 coursework and developing successful study skills strategies.

- 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 and 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 promising students from first generation and limited income families. 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

Student Support Services (SSS) is a federally funded retention program designed to provide academic and personal support to students identified 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 if necessary.

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 assumed he/she will:
students design their individualized program of study. To achieve this end, BSAS students will plan their program in degree to match their academic interests and career ambitions. Various concentrations allow students to somewhat tailor their experience and a unique academic area of concentration. The provides Florida A.S. transfer students with a broad educational degree holders an efficient pathway to a Bachelor's degree. It pursue and acquire a distinctive USF Bachelor's degree. afford exciting new opportunities for A.S. degree holders to ition to remove constraints from the transfer process, recognize developed by USF under certain provisions of Florida legisla- continuous enrollment policies of the university.

**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/academic/bsas.htm](http://www.ugs.usf.edu/academic/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 course 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>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ECO 1000</td>
<td>Basic Economics</td>
</tr>
<tr>
<td>ACG 3074</td>
<td>Managerial Accounting for Non-Business Majors</td>
</tr>
<tr>
<td><strong>Total B.S. Credit Hours</strong></td>
<td><strong>120</strong></td>
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</tbody>
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*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**

- SPA 3612 Basic American Sign Language (4)
- SPA 4613 Intermediate American Sign Language (4)
- SPA 4614 Advanced American Sign Language (4)
- PLUS ONE OF THE FOLLOWING:
  - SPA 4930 American Sign Language IV (4)
  - SPA 4617 Structure of Sign Language (4)
- PLUS ONE OF THE FOLLOWING:
  - SPA 3633 American Deaf Culture (3)
  - SPA 4632 Nature and Needs of Deaf and Hard of Hearing (3)

**BSAS - Behavioral Healthcare Concentration (ABH) consists of 18 credit hours:**

- MHS 3411 Multidisciplinary Behavioral Healthcare Services (3)
- MHS 4002 Behavioral Health Systems Delivery (3)
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment (3)
- MHS 4425 Field Experience in Behavioral Healthcare (3)
- AND, TWO OF THE FOLLOWING:
  - MHS 4931 Selected Topics in Behavioral Healthcare (3)
  - MHS 4906 Directed Study/Readings (3)

**BSAS – Criminal Justice Concentration (ACJ) consists of 18 credit hours:**

- 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:**

- 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 4802 Entrepreneurship & Small Business Management (3)  

OR  
GEB 4890 Strategic Management & Decision Making (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 – 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:  
PUP 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)  
or  
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 Cast Management (3)  
GEY 4327 Long-Term Care Administration I (3)  
GEY 4340 Housing for the Elderly (3)  
GEY 4360 Gerontological Counseling (3)  
GEY 4608 Alzheimer's Disease Management (3)  
GEY 4635 Business Management in an Aging Society (3)  
GEY 4641 Death and Dying (3)  
GEY 4647 Ethical and Legal Issues in Aging (3)  

BSAS – Hospitality Management Concentration (AHG) consists of 18 credit hours:  
Only available through Sarasota campus  
ACG 2021 Financial Accounting (3)  
ACG 2071 Managerial Accounting (3)  
MAN 3025 Principles of Management (3)  
MAR 3023 Basic Marketing (3)  

BSAS – Industrial Operations Concentration (AIO) consists of 18 credit hours:  
Only available through Lakeland campus  
MAC 1105 College Algebra (3)  
STA 2023 Introductory Statistics (3)  
COP 2510 Programming Concepts (3)  
REQUISITES - 9 HOURS:  
MAC 1105 College Algebra (3)  
STA 2023 Introductory Statistics (3)  
COP 2510 Programming Concepts (3)  

REQUISITES - 12 HOURS:  
ACG 2021 Financial Accounting (3)  
ACG 2071 Managerial Accounting (3)  
MAN 3025 Principles of Management (3)  
MAR 3023 Basic Marketing (3)  

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)  
CIS 4412 IT Resource Management (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 Policy (3)  
PAD 5044 Environment of Public Administration (3)  
PAD 5159 Urban Policy Analysis (3)  
PAD 5333 Concepts and Issues in Public Planning (3)  
PAD 5605 Administrative Law and Regulation (3)  
PAD 5700 Research Methods in Public Administration (3)  
PAD 5807 Urban and Local Government Administration (3)  
PAD 5836 Comparative Public Administration (3)  

BSAS – Public Health Concentration (APL) consists of 18 credit hours:  
HSA 4120 Introduction to Public Health (3)  
HSC 4554 Survey of Human Disease (3)  
HSC 4933 Special Topics in Public Health* (3)  
*Please see academic advisor for required special topics course.
**Academic Advising:**

- **Location:**
- **Web address: [catalog.](http://www.sarasota.usf.edu/hospitality)**

**Travel in the United States with a Health Perspective**

- **Understanding U.S. Health Care**
- **Secret History of Death and Disease**
- **Men's Health and Gender in Society**
- **Introduction to Food Safety**
- **Introduction to Environmental Health**
- **Behavioral Health System Delivery**

Selected special topics courses can include the following subjects:

- Behavioral Health System Delivery
- Foundations of Global Health
- Introduction to Environmental Health
- Introduction to Food Safety
- Men's Health and Gender in Society
- Secret History of Death and Disease
- Understanding U.S. Health Care
- Women's Health: A Public Health Perspective

**BSAS – Urban Studies Concentration (AUR) consists of 18-21 credit hours:**

- **URS 3002 Introduction to Urban Studies**
- **Plus any of five of the following:**
  - **ARC 4784 The City**
  - **AMS 3700 Racism in American Society**
  - **AMH 3423 Modern History**
  - **IDS 4942 Community Internship**
  - **ECP 3613 Economics of Urban Environment**
  - **ISS 3930 ST: Community Studies**
  - **SYA 4930 ST: Urban Life**
  - **GEO 4602 Urban Geography**
  - **GEO 4604 Advanced Urban Geography**
  - **PAD 3003 Introduction to Public Administration**
  - **POS 3142 Introduction to Urban Politics and Government**
  - **SOW 3203 American Social Welfare System**
  - **SPC 3710 Communication and Cultural Diversity**
  - **SYD 3700 Racial and Ethnic Relations**
  - **URP 4050 City Planning and Community Development**
  - **URP 4052 Urban and Regional Planning**

**Electives (9 credit hours):**

- **HSC 3541 Human Structure and Function**
- **HSC 4504 Foundations of Public Health Immunology**
- **HSC 4542 Stress, Health and College Life**
- **HSC 4579 Foundations of Maternal & Child Health**
- **HSC 4933 Special Topics in Public Health**
- **MHS 4002 Behavioral Health System Delivery**

**Areas from selected special topics courses should be selected in consultation with your academic advisor.**

**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.

- **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, SMC-C107 (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
- 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 4936 Hotel Management Seminar  
- 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
  or  
- SPC 2600 Public Speaking
  and  
- ENC 3310 Expository Writing
  or  
- 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.

**Minor Programs**

**Minor in Restaurant Management & Minor in Hotel Management**
Both programs are 18-credit hour programs. The minor program is a valuable addition to any major. Both minor programs provide the general information that will allow students to pursue hospitality related careers that they might otherwise not be qualified or credentialed to pursue. Majors of other disciplines will find this minor interesting and rewarding. Either minor program may open the door to a myriad of management positions in the hospitality industry. Contact the department for further information at (941) 359-4330.

**Minor in Hotel Management**
**Required Courses:**
- HFT 3005 Introduction to Hospitality and Tourism  
- HFT 3503 Hospitality Marketing and Sales*  
- HFT 3603 Law and Security for the Hospitality Industry*  
- HFT 4221 Human Resources Management  
- HFT 4253 Lodging Management  
- HFT 4471 Management Accounting and Finance  
- HFT 4936 Hotel Management Seminar  
  (only taught on the USF Tampa Campus)

*Students are required to choose one of the two listed classes. Students must achieve a grade point average of 2.0 or higher in the minor course work for certification of the minor for graduation. At least 9 credit hours must be taken in residence at USF.

**Minor in Restaurant Management**
**Required Courses:**
- HFT 3005 Introduction to Hospitality and Tourism  
- HFT 3263 Restaurant and Catering Management*  
- HFT 3424 Cost Control in Hospitality Operations  
- HFT 3503 Hospitality Marketing and Sales*  
- HFT 3603 Law and Security for the Hospitality Industry*  
- HFT 4221 Human Resources Management  
- HFT 4853 Restaurant Trends and Challenges  
  (only taught on the USF Tampa Campus)

*Students are required to choose one of the two listed classes. Students must achieve a grade point average of 2.0 or higher in the minor course work for certification of the minor for graduation. At least 9 credit hours must be taken in residence at USF.

**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: Katerina D. Annaraud;  
- Program Coordinator: Amanda M. Kulaw  
Program Email: hospitality@sar.usf.edu  
Location: Sarasota/Manatee Campus, SMC-B221.

**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.

Four-Year Curriculum in Information Technology

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>I</td>
<td>CGS 2100 Computers in Bus.</td>
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<tr>
<td>I</td>
<td>ENC 1101 Composition I</td>
<td>3</td>
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<tr>
<td>I</td>
<td>MAC 1140 Precalculus Algebra</td>
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<td>Gen. Ed.</td>
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<tr>
<td>II</td>
<td>COP 2510 Programming Concepts</td>
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<tr>
<td>II</td>
<td>ENC 1102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>II</td>
<td>MAD 3100 Discrete Math</td>
<td>3</td>
</tr>
<tr>
<td>II</td>
<td>ECO 2013 Economic Principles (Macro.)</td>
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<tr>
<td>II</td>
<td>PSY 2012 Psychological Science</td>
<td>3</td>
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<tr>
<td>III</td>
<td>Natural Science</td>
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<td>III</td>
<td>COP XXXX OO Programming (e.g., C++)</td>
<td>3</td>
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<td>IV</td>
<td>PHY 2020 Conceptual Physics</td>
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<td>IV</td>
<td>Fine Arts</td>
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<td>V</td>
<td>COP 3515 Program Design for Information Technology</td>
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<td>V</td>
<td>ENC 3246 Communication for Engineers</td>
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<td>V</td>
<td>INR 3033 International Political Cultures</td>
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<td>V</td>
<td>CGS 3303 IT Concepts</td>
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<td>V</td>
<td>CEN 3722 Human Computer Interfaces for IT</td>
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<td>CDA 3101 Computer Organization for Information Technology</td>
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<td>VI</td>
<td>EEL 4782 Computer Information Networks for IT</td>
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<td>VI</td>
<td>EEL 4782L Information Networks Labs for IT</td>
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<td>VI</td>
<td>EEL 4854 Data Structures and Algorithms for IT</td>
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<td>VI</td>
<td>ENC 4260 Advanced Technical Writing</td>
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<td>VI</td>
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<td>VII</td>
<td>CEN 4031 Software Engineering Concepts for IT</td>
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<tr>
<td>VII</td>
<td>COP 4610 Operating Systems for IT</td>
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</tr>
</tbody>
</table>

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

- PSY XXXX Any Psychology Course
- STA X023 Statistics
- ECO X013 Economics (Macroeconomics)
- CGS XXXX Any Database Course
- COP 2XXX Any Computer Programming Course
- COP 2XXX Any Object-Oriented Computer Programming Course
- MAC XXXX Pre-Calculus Course
- PHY XXXX Any Physics Course
- M** XXXX Discrete Mathematics Course

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

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.

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 program has the following policies:

- Mandatory academic advising of each student each term
- Exit interviews as a graduation requirement for all students
- Only grades of C and above in IT courses can be used to fulfill graduation requirements
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 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 4782L Information Networks for IT 1
- EEL 4854 Data Structures and Algorithms for IT 3
- ETO 4931 Special Topics in Technology I 1-5
- ETO 4932 Special Topics in Technology II 1-5

### IT TECHNICAL MINOR

**Prerequisite Courses:**

- COP 2510 Programming Concepts 3
- COP 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 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 4611 Operating Systems Lab for IT 3
- COP 4703 Database Systems and SQL 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks for IT 1
- ETO 4931 Special Topics in Technology I 1-5
- ETO 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. STA 2023 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
- ETO 4931 Special Topics in Technology I 1-5
- ETO 4932 Special Topics in Technology II 1-5
- IT Current Topics 3
- IT Approved Elective 3

### IT PROFESSIONAL CERTIFICATE

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS XXXX Any Data Base 3 hrs.
3. COP 2XXX Computer Programming 3 hrs.
4. COP 2XXX OO Programming 3 hrs.
5. MAC XXXX Pre-Calculus 3 hrs.
6. XXXX Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or
not the student has satisfied these requirements based on supportive materials. 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 30

Information Technology Faculty
Chair (Interim): W. D. Armitage; Faculty: P. Bao, A. Enjoufi, F. Fleschute, A. Gaspar, B. Harding, R. Hawat, S. Ludwig, R. Walsh, J. Wiginton.

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://cyber.acomp.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 $40,000 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 encampment between his/her sophomore or 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 program 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 laboratory 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 eligible 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 AFROTC course through university 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 with 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
c. Other specifications: combination of 4 credit hours from any of the military elective courses below:
- AFR 1101 The Air Force Today: Organization and Doctrine 1
- AFR 1120 The Air Force Today: Structure and Roles 1
- 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 1

Optional Courses:
- MSL 1001C Leadership in the Army Profession 2
- MSL 1002C Leadership Models and Methods 2
- MSL 2101C Individual Leadership Studies 2
- MSL 2102C Leadership in Changing Environments 2
- MSL 3201C Leading Small Units 3
- MSL 3202C Leading Small Units 3
- MSL 4302C Preparing for Army Leadership 3

Aerospace Studies Faculty
Professor: Bradford E. Ward; Assistant Professors: Chris Carmichael, Walter Rice, Susan Welch.

Military Science
Army Reserve Officer's Training Corps (ROTC)

Location/Phone: BEH 336; (813) 974-4065
Office Hours: 8 a.m. - 5 p.m., Monday through Friday
Web Address: http://armyrotc.com/edu/univsouthfl/index.htm

The Department of Military Science for Army Reserve Officers Training Corps (ROTC) was established to select and prepare students to serve as officers in the Regular and Reserve components of the United States Army. The curriculum is designed to develop students’ leadership potential and improve students’ planning, organizational, and managerial skills. Army ROTC training is divided into two phases: the first two years constitute the Basic Course; the last two the Advanced Course. The Department offers both a four- and a two-year
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 emphasis is placed on character development, oral and written communication, physical and mental fitness, and military small unit operations.

**Required courses:** (Total of 14 Credit Hours)
- MSL 3201C Adaptive Team Leadership (3)
- MSL 3202C Leadership in Changing Environments (3)
- MSL 3301C Developing Adaptive Leaders (3)
- MSL 4302C Leadership in a Complex World (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 and Personal Development (2)
- MSL 1002C Introduction to Tactical Leadership (2)
- MSL 2101C Innovative Team Leadership (2)
- MSL 2102C Foundations of Tactical Leadership (2)
- MSL 2901 Basic Leader Training (4)
- MSL 4930 Advanced Directed Study and Research (1-3)

**Required courses for an ROTC Commission:** Students who desire to earn a commission as a Second Lieutenant in the United States Army must meet the following requirements: four semesters of the ROTC Advanced Course, successful completion of the Professional Military Education Courses (written communication skills, computer literacy, and military history), attendance at Leadership Development and Assessment Course, maintain and graduate with a minimum of a 2.0 GPA, successful completion of the Army Physical Fitness Test, compliance with the Army height and weight standards, and other requirements of the United States Army.

**Minor in Military Science**

The minor in Military Science entails a 18-hour program organized and coordinated through the Department of Military Science. A minimum of 14 of the 18 hours must be earned at USF 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 their military education to real-world situations.

**Required courses:** (Total of 14 Credit Hours)
- MSL 3201C Adaptive Team Leadership (3)
- MSL 3202C Leadership in Changing Environments (3)
- MSL 3301C Developing Adaptive Leaders (3)
- MSL 4302C Leadership in a Complex World (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 and Personal Development (2)
- MSL 1002C Introduction to Tactical Leadership (2)
- MSL 2101C Innovative Team Leadership (2)
- MSL 2102C Foundations of Tactical Leadership (2)
- MSL 2901 Basic Leader Training (4)
- MSL 4930 Advanced Directed Study and Research (1-3)

**Military Science Faculty**

Professor: James B. Botters; Assistant Professors: Scott Macksam, Harold McVicker III, David Mount, Kathleen Porter, Todd Roman.

**Naval ROTC**

**Location/Phone:** BEH 255
**Office Hours:** 8 a.m. – 5 p.m., Monday through Friday
**Web Address:** http://web.usf.edu/nrotc
**Email Address:** naval@nrotc.usf.edu

The Naval Science Program at the University of South Florida is administered by the Naval Reserve Officers Training Corps (NROTC) Unit. This program affords selected men and women the opportunity to receive instruction in Navy specified courses which, in conjunction with the baccalaureate degree, will qualify them for a commission in the United States Navy or Marine Corps. Students enrolled in the university who are physically and mentally qualified are eligible to apply for the NROTC program. As naval officers, USF NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines in the nuclear power 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 requirement, a student in the NROTC Scholarship Program is encouraged to pursue a major in engineering, mathematics, chemistry, or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted, with the approval of the Professor of Naval Science. Regardless of the major, every scholarship student must complete one year of physics and one year of calculus.

Students must include certain Navy specified courses in their program and complete a program of courses as prescribed by the professor of naval science. Upon graduation, and successful completion of the naval science curriculum, the midshipman will receive a 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 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 subsistence allowance. Each student is selected for enrollment in the program on the basis of past academic performance, potential, personal interviews, and a physical examination. A college 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 as prescribed by the professor of naval science. Students, upon graduation and successful completion of the naval science curriculum, receive a commission as 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 Quantico, Virginia. The midshipman 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 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 midshipman will receive a commission as an 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.

Summer Training—The NROTC Scholarship Program student is required to complete training of approximately four weeks during each of the three summer recesses. During the first summer period, each scholarship student will receive instruction in aviation training, marine combat training, surface warfare indoctrination, and submarine indoctrination either in Norfolk, Virginia or San Diego, California. The second summer training period will be performed aboard operational ships of the U.S. Fleet. During the third summer, candidates for U.S. Navy commissions will perform training aboard operational ships or aviation squadrons as a junior officer. The student who qualifies for nuclear propulsion training may elect to cruise on nuclear powered ships or submarines. Some midshipmen cruise with allied navies through the Midshipman Foreign Exchange Program. Transportation costs to and from the training sites, subsistence, quarters, and a subsistence allowance of approximately $365 per month will be paid to every participating student. The candidates for U.S. Marine Corps commissions will perform training at the U.S. Marine Corps Base, Quantico, Virginia. The Marine Option NROTC Summer Training Program, “Bulldog,” is a six-week training program designed to prepare midshipmen for appointment to commissioned grade by providing basic military instruction and physical training. An evaluation of midshipmen is made to ensure that they possess the leadership, academic, and physical qualifications required for appointment to commissioned grade in the Marine Corps Reserve. Female midshipmen participate in all NROTC curriculum requirements and activities, including cruises aboard selected ships. A woman who has qualified for Marine Option 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 Code</th>
<th>Course Title</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSC 1110</td>
<td>Introduction to Naval Science (Note 1)</td>
<td>3</td>
</tr>
<tr>
<td>NSC 1101L</td>
<td>Naval Science Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>NSC 1140</td>
<td>Sea Power and Maritime Affairs (Note 1)</td>
<td>3</td>
</tr>
</tbody>
</table>

Note 1: Students must include in their program certain Navy specified courses as prescribed by the professor of naval science. Recommended courses include calculus, linear algebra, and differential equations. Students must also include in their program certain Navy specified courses as prescribed by the professor of naval science. Recommended courses include calculus, linear algebra, and differential equations.
Naval Science Laboratory

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 (Note 2) (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: Eric Coleman, Matthew Haley, John Kehoe, Matthew Lovitt.

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

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 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 have accomplished their mission. The minor lays out a framework by which 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)

Junior Year

Senior Year

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 Options 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 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)
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 lifelong 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 Dance and Theatre

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 accepted 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. All USF copies of catalog pages with course descriptions from previous institutions are needed for each course being transferred for degree requirements. A minimum grade of “C” is usually necessary for courses in the concentration.

Visual and Performing Arts Advising

The College of Visual and Performing Arts (CVPA) Office of Student Services and Advising, located in the Fine Arts building, offers a comprehensive service to all students in CVPA and advice to non-majors who are interested in taking CVPA courses. The service includes Preview USF, Fantastic Friday, registration, academic advising, scholarships, graduation certification, mentorship programs, and referrals to other university and community-based services and career-related opportunities. Three major-field advisors (art, music, theatre/dance), 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) 974-3660.

Office Hours

Usual office hours are 8 a.m. - 5 p.m., Monday - Friday.

General Requirements for B.A. Degrees Within the College of Visual and Performing Arts

1. All degree programs require 120 credit hours.
2. General Education Requirements may be satisfied by (1) completing the university’s General Education Requirements, (2) completing the A.A. degree from a Florida Junior or Community College, or (3) completing the general education requirements from another Florida state university. General education courses transferred from other accredited institutions will be evaluated based on USF General Education equivalencies. The A.A. degree is in no way a requirement for acceptance into the College of Visual and Performing Arts (or into any one of its upper-level degree programs), or a requirement for graduation from the university.
3. Students admitted to the College of Visual and Performing Arts with transfer credits, or former students returning with credits dating ten or more years prior to admission (or readmission), will have those credits reviewed by the College and department/school and may be required to take specified competency tests in their major area.
4. 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 credits taken at USF may be counted as general elective credit toward all degrees.
7. Students must satisfactorily meet the College Level Academic Skills Test CLAST requirement and the writing and computation course requirement of 6A-10.30 (Gordon Rule).
8. Students applying for a B.A. degree must demonstrate competency in a foreign language as described under Foreign Language Competency Policy of this catalog.
9. For degree programs, see requirements listed under each School.
10. A minimum of 20 credit hours in the major unit must be earned in residence. This requirement, however, may be waived by the school based on examination (e.g., portfolio review, audition). A student must also earn 30 of the last 60 hours of credits in residence at USF. However, any course work to be taken and any credits to be earned outside of the university must have prior approval from the appropriate school and the college in order to apply these credits toward graduation.

Waiver of prerequisite course work totaling no more than 12 credit hours in the major or Visual and Performing Arts College requirements is possible by demonstration of competence. Unless credit is awarded by approved official tests, i.e., A.P., CLEP, the credit hours must be made up according to school or college recommendations. A faculty committee conducts waiver reviews. Specific questions concerning program requirements for all degrees in the College of Visual and Performing Arts 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 quaduplicate and appropriately signed. It is the student’s responsibility to obtain the necessary signatures and maintain the required distribution of all copies. Important: the student must have his/her signed copy of a contract at the time of registration.

S/U Grade Contracts
The College of Visual and Performing Arts requires that any S/U grading agreement entered into between student and instructor be formalized by a contract in quaduplicate 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 History, Dance, Music, and Theatre. Majors in the College of Visual and Performing Arts may pursue a minor in any certified minors program at USF except within the same arts discipline as the major. The requirements for these programs are located under the school academic program descriptions and also require that a minimum of eight hours be taken at USF. For university minor policy, consult that section in the catalog. Please note that the minor in Studio Art has been temporarily suspended.

SCHOOLS AND PROGRAMS

• ART (ART)

The School of Art and Art History offers the Bachelor of Fine Arts degree in Studio Art, the Bachelor of Arts degree in Studio Art, and the Bachelor of Arts degree in Art History. The two studio curricula (BA - studio concentration and BFA) are designed to develop the student’s consciousness of aesthetic and ideological aspects of art and its relationship to life and to assist students in the realization of personal ideas and imagery. Many students interested in college teaching, museum or gallery work, fine or commercial studio work pursue the extended discipline and experience offered at the graduate level. Although the Studio Art programs allow many possible courses of study, most art major students will select one area of emphasis chosen from the course offerings listed.

The major areas of emphasis, available to Tampa campus undergraduate art studio students are Drawing, Painting, Sculpture, Ceramics, Electronic Media (Computer Imaging, Video), Printmaking and Photography. 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 or 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 2000/2001 Intermediate Studios**

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.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2050</td>
<td>History of Visual Arts I*</td>
</tr>
<tr>
<td>ART 2051</td>
<td>History of Visual Arts II*</td>
</tr>
<tr>
<td>ART 2201C</td>
<td>Concepts and Practices I**</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II**</td>
</tr>
<tr>
<td>ART 2301C</td>
<td>Beginning Drawing</td>
</tr>
<tr>
<td>ART 3310C</td>
<td>Intermediate Drawing</td>
</tr>
</tbody>
</table>

*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.

All studio courses, other than those designed 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, and ART 2301C or equivalent) and a satisfactory portfolio review. Refer to our web site at www.art.usf.edu for the scheduled review date.

II. Beginning Studio Workshops

A minimum of 12 hours from the following Beginning Studio Workshops is required. These courses may not be repeated. These courses are pre-requisites to the intermediate level Studio Courses. Students must take at least one two-dimensional and one three-dimensional studio course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2400C</td>
<td>Beginning Printmaking</td>
</tr>
<tr>
<td>ART 2500C</td>
<td>Beginning Painting</td>
</tr>
<tr>
<td>ART 2701C</td>
<td>Beginning Sculpture</td>
</tr>
<tr>
<td>ART 2750C</td>
<td>Beginning Ceramics</td>
</tr>
<tr>
<td>ART 3612C</td>
<td>Beginning Electronic Media</td>
</tr>
<tr>
<td>PGY 2401C</td>
<td>Beginning Photography</td>
</tr>
</tbody>
</table>

Total 12 hours

III. Intermediate Studio Workshops

A minimum of 6 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts I*</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II*</td>
</tr>
<tr>
<td>ART 2201C</td>
<td>Concepts and Practices I**</td>
</tr>
<tr>
<td>ART 2203C</td>
<td>Concepts and Practices II**</td>
</tr>
<tr>
<td>ART 2301C</td>
<td>Beginning Drawing</td>
</tr>
<tr>
<td>ART 3310C</td>
<td>Intermediate Drawing</td>
</tr>
</tbody>
</table>

Total 6 hours

B.A. students may take advanced courses if they have the requisite 3.25 Major G.P.A. and course prerequisites. This would represent work in excess of degree requirements.

IV. Expanded Context Courses

A minimum of 3 hours of your studio work must be from selected expanded context courses. Expanded context courses include ART 4806 Theme Studio, cross-media classes and/or ART 4930 special topics studio classes.

V. Art History

A minimum of 12 hours in the following history courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4100</td>
<td>Prehistoric &amp; Ancient</td>
</tr>
<tr>
<td>ARH 4170</td>
<td>Greek &amp; Roman</td>
</tr>
<tr>
<td>ARH 4200</td>
<td>Medieval</td>
</tr>
<tr>
<td>ARH 4301</td>
<td>Renaissance</td>
</tr>
<tr>
<td>ARH 4350</td>
<td>Baroque and Rococo</td>
</tr>
<tr>
<td>ARH 4430</td>
<td>19th Century</td>
</tr>
<tr>
<td>ARH 4450</td>
<td>20th Century**</td>
</tr>
<tr>
<td>ARH 4520</td>
<td>African</td>
</tr>
<tr>
<td>ARH 4530</td>
<td>Asian Art</td>
</tr>
<tr>
<td>ARH 4800</td>
<td>Critical Studies</td>
</tr>
<tr>
<td>ARH 4930</td>
<td>Art History; Selected Topics</td>
</tr>
</tbody>
</table>

Total 12 hours

*4 hours may be taken in either critical studies seminar ARH 4800 or Directed Reading ART 4960.

**ARH 4450 is required of all majors.

VI. Additional Requirements

Extended Studies* (2)

*Paris Program, Public Art, Museum Internships, Community Art, Artists Internships/ Apprenticeships, London Middlesex Program, and Johannesburg Program.

VII. Recommendations

Students are encouraged to take additional credits in the Studio Workshops and Theme Studio Courses to fulfill art electives.

Total Art 53 hours

Total Semester Hours for the B.A. degree in Art Studio:

Please note under General Education that the Historical Perspectives must be satisfied with History of Visual Arts I, ARH 2050 and History of Visual Arts II, ARH 2051, and that Fine Arts must be satisfied with Concepts and Practices I, ART 2201 or Concepts and Practices II, ART 2203. General Education* (27)

Exit Requirements (9)
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 state-mandated.
Note: All Students earning a B.A. degree in Studio Art or Art History must complete the Foreign Language Exit Requirement.

**Requirements for the B.F.A. Degree in Studio Art**

Admission into the B.F.A. program is contingent upon the student having a 3.25 major GPA, which must be maintained for the degree to be awarded. The accelerated studio experiences provided for students meeting the requirements of the Bachelor of Fine Arts degree will better prepare them for professional participation in the visual arts. Any B.F.A. candidate with a major G.P.A. of less than 3.25 upon completion of 40 hours in the major must change his or her program from B.F.A to B.A.

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 evaluation. 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".

**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 Perspectives requirement if the student is to remain within 120 hours for the degree.

**Must be taken with the second Advanced Studio in the student’s specialization.

I. Art Foundations

<table>
<thead>
<tr>
<th>ART</th>
<th>History of Visual Arts I*</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH</td>
<td>History of Visual Arts II*</td>
<td>3</td>
</tr>
<tr>
<td>ART</td>
<td>2201C Concepts and Practices I**</td>
<td>4</td>
</tr>
<tr>
<td>ART</td>
<td>2203C Concepts and Practices II**</td>
<td>4</td>
</tr>
<tr>
<td>ART</td>
<td>2301C Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART</td>
<td>3310C 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 Perspectives requirement if the student is to remain within 120 hours for the degree.

**Must be taken with the second Advanced Studio in the student’s specialization.

II. 2000 Level Studio

| 2000 Level 2-D Studio | (3) |
| 2000 Level 3-D Studio | (3) |
| 2000 Level Specialization | (3) |
| 2000 Level Elective Studio | (3) |

**Total 12 hours**

III. 3000 Level Studio

| 3000 Level Specialization | (12) |
| 3000 Level Non-Specialization | (3) |
| 3000 Elective Studio | (3) |

**Total 18 hours**

IV. 4000 Level Studio

| 4000 Level Specialization | (6) |
| 3000 or 4000 Level Elective | (3) |

**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.

**Total 3 hours**

VI. Art History

| ARH 4450 | 20th Century | (4) |
| ARH 3454 | Contemporary Issues in Art | (4) |
| 4000 Level Period Art History | (4) |

**Total 12 hours**

VII. Additional Requirements

| ART 3939 | Real World | (3) |
| ART 4940 | Extended Studies* | (3) |
| ART 4970 | Senior Thesis** | (4) |

**Total 10 hours**

**Total 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 state-mandated.

**Must be taken with the second Advanced Studio in the student’s specialization.

**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 2203C Concepts and Practices II** | (4) |
| ART 2301C Beginning Drawing | (3) |
| ART 3310C Intermediate Drawing | (3) |

**Total 13 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 Perspectives requirement if the student is to remain within 120 hours for the degree.

**Must be taken with the second Advanced Studio in the student’s specialization.

Plus: Minimum of 24 hours in the following history courses:

II. Art History Survey

| ARH 4100 | Prehistoric & Ancient | (4) |
| ARH 4170 | Greek & Roman | (4) |
| ARH 4200 | Medieval | (4) |
| ARH 4301 | Renaissance | (4) |
| ARH 4350 | Baroque and Rococo | (4) |
| ARH 4430 | 19th Century | (4) |
| ARH 4450 | 20th Century | (4) |
| ARH 4520 | African | (4) |
| ARH 4530 | Asian Art | (4) |
| ARH 4930 | Art History: Selected Topics* | (4) |

**Total 24 hours**

*ARH 4900 Art History selected topics may be taken for degree credit only by approval of the academic advisor for the school of art and art history.

III. Art History Critical Studies or Directed Reading**

| ARH 4800 | Critical Studies in Art History and/or | (4) |
| ART 4900 | Directed Reading | (4) |

**Total 12 hours**

**Students may substitute 4 hours of ARH 4800 Critical Studies for 4 hours of 4000 level art history survey by permission of the Instructor.

IV. Plus

Extended Studies: required of all majors

| (London Middlesex Program, Paris Program, Johannesburg Program, Public Art, Museum Internships, Community Art, Artists Internship/Apprenticeships, Art History Apprenticeships) | (2) |

**Total 2 hours**
I. Art History Preparation

USF CONTEMPORARY ART MUSEUM
VISITING ARTISTS AND SCHOLARS

Studio Concentration:
complete the Foreign Language Exit Requirement.

Note: All Students earning a BA degree in Art History must complete the Foreign Language Exit Requirement.

The Minor in Art (Studio Concentration) is suspended pending further notice. The Minor with a concentration in Art History remains active.

Requirements for the Minor in Art

I. Art Area Preparation

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050 History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051 History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>ART 2201C Concepts and Practices I</td>
<td>4</td>
</tr>
<tr>
<td>ART 2203C Concepts and Practices II</td>
<td>4</td>
</tr>
<tr>
<td>ART 2301C Beginning Drawing</td>
<td>3</td>
</tr>
<tr>
<td>Total 17 hours</td>
<td></td>
</tr>
</tbody>
</table>

II. Art Studio

Beginner Studio Workshop or Intermediate Studio Workshop or Theme Studio

Total 9 hours

III. Art History Concentration:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2050 History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051 History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>ART 2201C Concepts and Practices I</td>
<td>4</td>
</tr>
<tr>
<td>ART 2203C Concepts and Practices II</td>
<td>4</td>
</tr>
<tr>
<td>Total 10 hours</td>
<td></td>
</tr>
</tbody>
</table>

II. Art History

Art History Survey

Total 16 hours

VISITING ARTISTS AND SCHOLARS

The School of Art and Art History is widely known for the consistent level of 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 Colescott, Hal Foster, Edward Fry, 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. Programs include Matt Mullican, Robert Stackhouse, Pat Steir, Tyler Turkle, and Robin Winters, as well as internationally recognized artists from Africa, Europe, and Latin America such as Leo Coper, Patrick Corillon, Alfredo Jaar, Antonio Martorelli, Pepon Osorno, 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 Eire, Richard Fleischner, Doug Hollis, Nancy Holt, Ned Smyth, and Ellyn 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 audit. Students must complete the audit 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.

USF Dance in Paris Program

In May of 2007, the Dance program at USF expanded the parameters of its curriculum by offering its students a program of study in Paris. This annual four-week course will present an opportunity for dance majors to expand their historical, cultural and performance-based knowledge through exposure to the rich tradition of dance in the French capital.
The goal of the USF Dance in Paris Program is to enable students to expand upon the information they have already gleaned from several courses required of dance majors: history, choreography, and technique.

Led by USF faculty members, this four-week intensive course in Paris will also feature studio classes taught by Parisian and other European dancers and choreographers of distinction, thereby exposing students to the contemporary Continental dance scene.

As Paris is the cradle of western dance civilization, students will visit the sites of some of history's greatest dance events, including The Paris Opera, the Theatre de Chaillot and Versailles. Further, students will be led to reevaluate their notions of traditional dance-making by embarking upon projects involving site-specific work in the city's many museums and music venues as well as those areas unique to the everyday life of the city, such as its cafes and the metro. Students will also attend performances by important dance artists working in Paris or visiting from elsewhere, thereby expanding their performance vocabulary.

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 2690 (3)
  - DAN 2680 (3) or DAN 2600 (3)
  - DAA 3109 Modern I (6)
  - DAA 4111 Modern IV (6)
  - DAA 4111 Modern IV (6)

Curriculum and Methods (3)
- DAA 3614 Choreography I (2)
- DAA 3615 Choreography II (2)
- DAA 4616 Choreography III (2)
- DAA 4617 Choreography IV (2)

Creative Studio (17 semester hours)
- DAA 3624 Dance Improvisation (2)
- DAA 4617 Choreography IV (2)
- DAA 4616 Choreography III (2)
- DAA 4685/3654 Performance/Repertory (5)
- DAA 4694 Senior Choreographic Project (1)

Dance Theory (27 semester hours)
- DAN 3584 Practicum in Dance Production (1)
- DAN 3614 Music for Dance I (2)
- DAN 3615 Music for Dance II (2)
- DAN 4404 Laban Movement Analysis (3)
- DAN 3714 Dance Kinesiology (3)
- DAN 4134 Dance History Through the 19th Century (3)
- DAN 4135 20th Century Dance History (3)
- DAE 4340 Dance Pedagogy: Secondary Curriculum and Methods (3)
- DAE 4310 Dance Pedagogy: Pre-School to Elem. (3)
- DAN 4181 Dance Senior Seminar (2)
- TPA 2211 Introduction to Technical Theatre II (3)
- Non-Dance Electives: (9)

Ballet Focus
- DAA 3209 Ballet III (6)
- DAA 4121 Ballet IV (8)
- DAA 3294 Ballet Variations/Pointe (2)
- DAA 4130 Modern III (6)
- DAA 4394 World Dance (2)

Elective Dance Technique (6)
- DAA 4685/3654 Performance/Repertory (5)
- DAA 4694 Senior Choreographic Project (1)

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)

Dance Theory (27 semester hours)
- DAN 2160 Entry Seminar (2)
- DAN 3614 Music for Dance I (2)
- DAN 3615 Music for Dance II (2)
- DAN 4404 Laban Movement Analysis (3)
- DAN 3714 Dance Kinesiology (3)

Creative Studio (17 semester hours)
- DAA 3624 Dance Improvisation (2)
- DAA 3614 Choreography I (2)
- DAA 3615 Choreography II (2)
- DAA 4616 Choreography III (2)
- DAA 3614 Choreography I (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

Requirements for the B.F.A. Degree in Dance
The BFA in Dance Performance (Ballet or Modern emphasis) offers professional preparation, which includes extensive study in Studio Technique, Choreographic Studies and Dance Theory. The focus of this degree is the development of dancers who will enter the professional world of dance/arts as performers and choreographers. Beyond the expectations for continuing opportunities for performance, students selecting the BFA will develop and present solo and group Senior Choreographic Projects.

The BFA is a limited access program. Students must participate in a selective admissions procedure. At the end of their third semester, students will be assessed by Dance faculty to determine eligibility. Dancers must continue to take technique courses throughout their degree program.

Modern Dance Focus

Studio Technique (28 semester hours)
DAA 3209 Ballet III (6)
DAA 3109 Modern III (6)
DAA 4111 Modern IV (8)
DAA 3394 World Dance (2)
Elective Dance Technique (6)

Creative Studio (17 semester hours)
DAA 3624 Dance Improvisation (2)
DAA 3614 Choreography I (2)
DAA 3615 Choreography II (2)
DAA 4616 Choreography III (2)
DAA 4617 Choreography IV (2)
DAA 3686 Jr. Performance Project* (1)
DAA 4685/3654 Performance/Repertory* (5)
DAA 4694 Senior Choreographic Project (1)

Dance Theory (27 semester hours)
DAN 3584 Practicum in Dance Production (1)
DAN 3614 Music for Dance I (2)
DAN 3615 Music for Dance II (2)
DAN 4404 Laban Movement Analysis (3)
DAN 3714 Dance Kinesiology (3)
DAN 4134 Dance History Through the 19th Century (3)
DAN 4135 20th Century Dance History (3)
DAN 4181 Dance Senior Seminar (2)
DAE 4340 Dance Pedagogy: Secondary Curriculum and Methods (3)

Ballet Focus

Studio Technique (30 semester hours)
DAA 3209 Ballet III (6)
DAA 4121 Ballet IV (8)
DAA 3294 Ballet Variations/Pointe (2)
DAA 3109 Modern III (6)
DAA 4394 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)

Dance Theory (27 semester hours)
DAN 3584 Practicum in Dance Production (1)
DAN 3614 Music for Dance I (2)
DAN 3615 Music for Dance II (2)
DAN 4404 Laban Movement Analysis (3)
DAN 3714 Dance Kinesiology (3)

Creative Studio (17 semester hours)
DAA 3624 Dance Improvisation (2)
DAA 3614 Choreography I (2)
DAA 3615 Choreography II (2)
DAA 4616 Choreography III (2)
DAA 4617 Choreography IV (2)
DAA 3686 Jr. Performance Project* (1)
DAA 4685/3654 Performance/Repertory* (5)
DAA 4694 Senior Choreographic Project (1)

*Concurrent enrollment in Dance Technique
Dance Theory (23 semester hours)

DAN 4310 Dance Pedagogy: Pre-school and Elementary Methods (3)
DAN 4335 20th Century Dance History (3)
DAN 4181 Dance Senior Seminar (2)
TPA 2211 Introduction to Technical Theatre II (3)
Non-Dance Electives: (7)

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)
DAA 3686 Jr. Performance Project* (1)
DAA 4685/3654 Performance/Repertory* (5)
DAN 4906 Independent Research Project (1)

*Dance Electives (4 semester hours)
Select 4 credits from:
DAA 4930 Special Topics in Dance (2)
DAA 4930 Special Topics in Dance (2)

Total 24

Requirements for the Dance Minor

The Dance Minor 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 elective courses 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. At the end of the third semester faculty will determine if appropriate progression has been made for continuation in the B.A. Dance Studies track.

Coursework to be taken at USF

Studio Technique (20 semester hours)
DAA 3108 Modern II (6)
DAA 3208 Ballet II (6)
DAA 3109 Modern III (6)
or
DAA 3209 Ballet III (6)
DAA 3394 World Dance (2)

Creative Studio Studies (13 semester hours)
DAA 3524 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)

Dance Electives (10-17 semester hours)

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 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)

(Dance Studio 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 4100 Introduction to Dance (3)
DAN 4134 Dance History Through the 19th Century (3)
DAN 4135 20th Century Dance History (3)

Dance Electives (4 semester hours)
TOTAL 24

Critiques

1. All students will be evaluated periodically by the faculty and critiqued each semester and will participate in progress conferences with the faculty.
2. If a student evidences deficiency in some area or in continuing progress toward the degree, the student may be placed on probation within the Dance program.
3. Failure to make satisfactory progress after being placed on probation shall constitute grounds for program recommendation to drop and discontinue the major.

Minimum Grade for Dance Courses

A student must receive a “C” grade or better in required courses for Dance Majors. Should a student fail to do so, the course(s) in which the student receives “D” or “F” must be repeated and a “C” grade or better earned. Note: The student choosing a Dance Minor must achieve a “C” or better in all courses applied to the minor in dance.

Additional Standards

In addition to meeting the specific requirements and standards discussed above, the student and advisor will periodically evaluate the student’s general progress. Students are required to meet with the Academic Advisor in Dance each semester. An unsatisfactory rating in one or more of the following areas could place the student on probation. A student on probation is given a specific amount of time to achieve a satisfactory rating before being dropped from the major program. The criteria include:

1. Appropriate academic progress.
2. Adequate technical skills and adaptability.
3. “B” average in major studio classes.
4. Physical conditioning that includes: nutrition, flexibility, strength, and healthful weight management necessary to facilitate safe technical and artistic expression.
5. Class probation and program probation require review, i.e., reinstatement in good standing or recommendation to drop major.

For other non-major requirements see both Visual and Performing Arts College requirements and the university’s General Distribution and graduation requirements.
Visiting Artists and Artists-in-Residence

The School of Theatre & Dance believes in the ongoing influence of guest artists as choreographers, teachers for master classes, residencies and performers. The programs provide numerous opportunities to enhance the students’ artistic awareness of professional possibilities.

• MUSIC (MUS)

The music curriculum is designed for students gifted in the performance and/or composition of music. Applicants for a major in music are required to pass an entrance audition in their respective performance areas. Composition applicants are required to submit appropriate scores and/or tapes of their compositions for faculty appraisal 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 (acoustic and electronic), Electronic Music (including acoustic), and Jazz Studies (composition and performance).

The B.S. 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 therapy.

Acceptance into the School of Music

Students must apply for acceptance into the USF School of Music if they are an incoming freshman, transfer student, or part-time student and plan to (1) major in any undergraduate or graduate music degree program; (2) minor in music; or (3) take applied lessons as a non-major for more than one credit hour. Contact the Coordinator of Auditions.

Applying for acceptance by audition into the School of Music is a separate procedure from the University admissions process, and is not contingent upon status of the University application process. If a student is accepted into the School of Music but is denied acceptance into the University, he or she may contact the School for assistance in appealing this decision.

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. Campbell 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 and Electronic Music 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 the first day of classes each semester at 9:00 a.m. 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 ensure 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 number 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 course 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, arpeggios, harmonization, improvisation and sight-reading. (Sign-up sheets for this exam are posted outside FAH 217 during the first week of classes.) For students who do not pass this exam, the School of Music offers four levels of Keyboard Skills courses as electives. Students will be placed in the level indicated by their exam performances. Ultimately, a grade of "C-" or better in Level IV satisfies the Piano Proficiency Requirement.

2. If the music advisor determines that a student does not have a background to be placed beyond Keyboard Skills Level I, they will advise the student to register for Level I and no exam will be necessary.

3. A student who feels that he or she has acquired the necessary skills to meet the Piano Proficiency Requirement (either through accelerated practice or private lessons) may also sign up for the Piano Proficiency Placement Exam the first week of any semester and demonstrate their acquired skills to the Keyboard Skills Coordinator. If a student passes this exam, the Piano Proficiency Requirement will be met.

Jazz Studies majors must satisfy the Jazz Piano Proficiency requirement through a placement test administered by the jazz faculty after completing the Jazz Theory and Improvisation II.

Recital Attendance Requirement

All music majors and minors are expected to attend recitals throughout the duration of their degree program. Performance (jazz and traditional) majors and composition majors are required to attend a minimum of 80 recitals. Music education majors are required to attend a minimum of 60 recitals. Music minors are required to attend a minimum of 20 recitals. It is recommended that students attend an average of 10 to 15 recitals each term. Transfer students will have the attendance requirement pro-rated according to their studio level placement, allowing for 10 recitals to be credited for every term waived.

Students should sign programs they attend and turn them in to the music office with their name and student I.D. number on each program. The purpose of this requirement is to ensure that music students hear a variety of student, faculty and other professional-level performances. Students should register for MUS 2010, Recital Attendance, in the term in which they expect to complete the requirement. The course is graded S/U and is required for graduation.

Major Performing Ensembles

To fulfill major ensemble requirements, music majors and minors may use the ensembles listed 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 1121, 1122, 2126, or 2127
- MUT 2117 Music Theory
- or MUT 1121, 1122, 2126, or 2127
- MUT 1214 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 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
- MUT 2247 Advanced Aural Theory
- or MUT 1221, 1222, 2226, 2227, 1261, 1261, 2266, 2267, 1271, 1272, 2276, or 2277
- MUN XXXX 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
- or MVK 1111r, 1112r, 2121r, and 2121r
- or MVK 1211 and 2221

Electives: Music credits beyond those required may be used as program electives.
Core Requirements for all Performance, Composition, and Electronic Music Concentrations

**Music Theory (22)**
- MUT 1111 (3)
- MUT 1112 (3)
- MUT 1241 (1)
- MUT 1242 (1)
- MUT 2116 (3)
- MUT 2117 (3)
- MUT 2246 (1)
- MUT 2247 (1)
- MUT 4571 (3)
- MUT 4411 (3)
- or
- MUT 4421 (3)

**Music Literature (3)**
- MUL 2111 (3)*
  *This course also satisfies 3 hours of Historical Perspectives in the Liberal Arts Curriculum.

**Music History (8)**
- MUH 3301 (3)*
- MUH 3302 (3)*
- MUH 3300 (2) or MUH 4058 (3)* or MUH 4801 (3)
  *This course also satisfies 3 hours of Liberal Arts Exit Requirements in Major Works/Major Issues.

**Conducting (2)**
- MUG 3104

**Senior Seminar (1)**
- MUS 4935 (1)
- MUS 2010 Recital Attendance (0)

**Ensemble**
- Performance Majors (8), Composition (4)
  *All students enrolled in applied music for 3 or 2 credit hours are required to enroll in a major ensemble appropriate to their performing medium.

**Music Electives (12-13 hours)**

**CVPA Requirement (3 hours)**
Music majors should take one 3-hour CVPA course certified in 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.

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**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 MVK 4640 for 4 credits as a part of the Music Electives.

The following requirements for the piano pedagogy emphasis are to be taken as a part of the Music Electives:
- MVK 4640 (4)  MVK 4641 (4)

**Recital Scheduling Procedures and Policies**

**JUNIOR RECITAL/APPLIED MUSIC:** A public recital, either solo or shared, will be given during the student’s junior year. The student should have achieved junior classification as defined by the university and should be enrolled at the 3000 level in applied music, which would normally occur during a student’s third year of study. Credit may be granted to transfer students for junior recitals completed at other institutions. This recital should have been completed during the student’s junior year at that institution and a request for recognition of that recital should be made in writing to the applied music coordinator. No studio teacher is under any obligation to accept these transfer recitals.

**SENIOR RECITAL/APPLIED MUSIC:** A public recital will be given during a student’s senior year. The student should have achieved senior classification as defined by the university and should be enrolled at the 4000 level in applied music, which would normally occur during a student’s fourth year of study. A senior recital performed at another institution will not satisfy 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 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 (29)
Acoustic and Electronic Music
MUC 2301 (3) MUC 2221 (3,3) MUC 3401 (3)
MUC 3402 (3) MUC 3441 (3) MUC 3442 (3)
MUC 4403 (3) MUC 4404 (3) MUC 4310 (2)
or
MUT 4311 (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. 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 these 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 X111r, x112r, x121r 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 students with varied learning styles and achievement levels.
• pass a presentation component upon completion of MUE 2090
• "B-" average in any two aural music theory courses
• overall 3.0 GPA
• favorable recommendation from private instructor on performance potential
• pass State background check for teachers
• Until admission into the program, the following courses cannot be taken:
  MUE 3421  MUE 3422  MUE 3423
or
  MUE 4331  MUE 4332
or
  MUE 4480  MUE 4936  MUE 4940
MUS 4930

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 by the student to the College of Education Internship Office immediately upon receipt.

Liberal Arts Exit requirements in Major Works/Major Issues are satisfied by music courses. The Literature & Writing course is waived by USF for teacher education music majors.

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 (music education and education) must be 2.5 in order to graduate.

**MUSIC (48 credit hours)**

Music Theory
- MUII 1111, 1112, 2116, 2117 (MUII 1112 is the prerequisite for MUG 3104 and MUL 2111)
- Aural Theory
- MUII 1241, 1242, 2246, 2247
- Keyboard Skills
- MUII 1111, 1121, 2111, 2121
  Proficiency required by testing or course(s)
- MUG 3104 Basic Conducting

**Music Literature and History**
- MUL 2111 Introduction to Music Literature (FA) * 3
- MUII 2051 Folk and Traditional Music of World Cultures (ALAMEA) * 3
- MUII 3301 Baroque and Classic (MW/MI) 3
- MUII 3302 Romantic through Contemporary (MW/MI) 3
- Applied Principal (Studio) (2 terms each level) 12
- MVx 131X, 232X, 333X (culminating in junior recital) 6
- MUII 3XXX Major Ensemble 4
- 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 60 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 (or course in computer applications in music education) 3
- 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
- MUN 3343 Chamber Singers (by audition) 1
- MUS 4931 Selected Studio Topics in Music (See Advisor) 1

or
- MUN 3443 Percussion Ensemble 1
- 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
  (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
  (includes taking the ETS Major Field Test in Music)
- 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 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.

1. MUSIC EMPHASIS (CHOOSE ONE) (9 credit hours)
   - Literature and History: MUL 2111, and MUH 3301 or 3302
   - Excluding Rudiments MUT 1001 (must be taken if required)

2. Written: MUT 1111, 1112, 2116, 2117; Aural: MUT 1241, 1242, Placement Test is required.

3. Four terms of theory (written and Aural). 16
   - MUT x246 Advanced Aural Theory
   - or MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277
   - MUT x247 Advanced Aural Theory
   - or MUT x221, x222, x226, x227, x261, x266, x267, x271, x272, x276, or x277

4. MUT x440 Theory I, MUT 1111, or by completing Rudiments of Music, MUT course

KEYBOARD SKILLS & OTHER MUSIC ELECTIVES

Excluding non-major music courses

Piano proficiency is required and may be demonstrated by testing or by taking levels 1 and 2 of Keyboard Skills as electives in music. Other courses for electives may be selected from applied music (including conducting, ensembles, additional keyboard skills levels, and studio), music composition, music education, music history, music literature, and music theory.

RECIITAL 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 9-10 hours
   - History-Theory-Literature (7-8)
   - Music Theory (MUT) Three additional courses of MUT 4421, 4571, and MUC/MUT course 9

2. APPLIED MEDIUM AND COMPOSITION 8-12 hours
   - A. History-Theory-Literature 7-8 hours
      - Music History (non-major courses excluded) (3)

3. OPTIONAL CONCENTRATIONS 6-8 hours
   - 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)
      - Composition studio courses which may include up to 1 semester hour of class-studio (6)
      - Music Ensemble (2)
      - 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 (2)
      - 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
and/or per-semester talent awards. All entering transfer, and
programs include up to four-year scholarship commitments
needs in a particular performance area. Financial assistance
on the basis of excellence in musicianship and/or personnel
the standards (described below) established by the School of
students) upon the request of the student and maintenance of
Freshmen or until the anticipated graduation date of transfer
of awards – Scholarships and Talent Awards – are in place,
to assist talented musicians in their musical studies. Two types
Scholarship and Talent Award Guidelines

Financial Aid
Scholarship and Talent Award Guidelines
The School of Music offers a variety of financial aid programs
to assist talented musicians in their musical studies. Two types
of awards – Scholarships and Talent Awards – are in place,
each with its own set of criteria. Scholarship awards will be
automatically renewed every year (four years for entering
Freshmen or until the anticipated graduation date of transfer
students) upon the request of the student and maintenance of
the standards (described below) established by the School of
Music. Talent Awards must be renewed every semester via
approval of the ensemble director. Awards typically are made
on the basis of excellence in musicianship and/or personnel
needs in a particular performance area. Financial assistance
programs include up to four-year scholarship commitments
and/or per-semester talent awards. All entering transfer, and
returning students intending to participate in a major ensemble
are eligible to apply and audition for a financial award.
The audition committees will make recommendations to the
appropriate ensemble director. These recommendations may
include a suggested award amount and/or simply a designation
as to the eligibility level of the student.
Final recommendations on the amount of the award given
will be made by the appropriate ensemble director to the
Director of the School of Music. These decisions will be based
upon a variety of factors including: available budget, proven
ability of student, ensemble/school needs, potential to succeed,
letters of recommendation, and all academic records.
Talent Award
The student must enroll for credit and perform satisfactorily
in the ensemble awarding the money. The student is not
required to study in an applied studio, to be enrolled for 12 credit
hours, to meet minimum academic standards or to be pursuing
a music major or minor. All talent award recipients must request
renewal directly from the ensemble director granting the award
each semester. The director may request the student to re-
audition or may choose not to renew the award.
Scholarship Award
• Student must be pursuing a music major or minor
• Student must maintain a minimum of 12 semester hours of
course load in each semester
• Student must maintain a GPA of 2.5 overall and 3.0 in all
music courses
• Student must enroll for credit in an applied music studio
appropriate to the performing instrument
• Student must enroll for credit in the ensemble(s) appropriate
to the performing instrument
• Students are often required to perform in two ensembles,
depending upon the needs of the ensemble program.
• NOTE: All music students on scholarship will be required
to perform up to two services per semester in reading/performing
student composer projects as part of the expectations to main-
tain 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 semes-
ter. The purpose of this form is to determine if the student
will continue to receive the same level of award and/or the same
amount. Any changes will be made by the appropriate ensemble
director to the Director of Student Financial Aid.
Duration of Awards: Scholarship awards are given to incurring
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 perform satisfactorily in applied lessons or major
ensemble(s)
• Fail to maintain satisfactory progress in academic studies in
music

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 organiza-
tion, maintain active chapters in the School of Music. Addition-
ally, chapters of the College Music Educators National Confer-
ence, 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
the teaching faculty, forum appearances, and the conducting of
musical programs, symposia, and clinics. Some prominent
musicians and scholars who have appeared in the past are:
Norman Dello Joio, Olly Wilson, Randall Thompson, Guarneri
String Quartet, Virgil Thompson, Beaux Arts Trio, Walter Tram-
pler, 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 Bellson, Leslie Bassett, David Samuels, Samuel
Adler, Russell Baker, Guntner Scheller, 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,
Elliott Eisner, Doreen Rao, Jo-Michael Scheibe, La Camerata
Romeu, Libby Larsen, John Faddis, Evan Chambers, Elliot
Antokoletz, Benjamin Suchoff, Peter Bartok, and Richard Colwell.

UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG
TheatreUSF is fully accredited by the National Association of Schools of Theatre (NAST). Through its curriculum and production program, Theatre offers seriously interested students the opportunity to prepare within a liberal arts atmosphere for a professional career in the theatre or to continue their studies at the graduate level.

For over 30 years, our exclusively undergraduate program has prepared critically aware and skilled theatre practitioners.

The school’s mission is to educate students in the art of theatre, to conduct original research, and to present challenging productions to the university and Tampa Bay communities.

Students may graduate with a broad based theatre arts degree, or they may specialize in performance or design.

Special Features
1. The endowed British International Theatre Program (BRIT) brings five or more professional artists from the UK to work with upper level students for 6-8 weeks each spring semester. The BRIT Program is available each spring semester to 16 advanced theatre students by audition. The program consists of master classes and/or production experience with select guest artists from the U.K.
2. The John W. Holloway Endowed Chair in Dance and Theatre 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 artists from the last ten years includes Maria Aitken, Peter Barkworth, Bill Bryden, Daniel Chumley, Russell Craig, Matthew Francis, George Froscher, Christopher Fry, John and Lisel Gale, Patrick Garland, Ronald Harwood, Jeff Jones, Rachel Kavanagh, Sam Mendes, Bob Moody, Eric Overmyer, Louise Page, Estelle Parsons, Olga Petrovna, Roni Pinkovitch, Denis Quilley, Gerlinde Reinshagen, L. Kenneth Overmyer, Brian Rix, James Roose-Evans, Dorothy Tutin, Robert Wierzkel, and Jose Yglesias. These and others have helped the department develop relationships with: UMO, London’s West End, The Royal National Theatre, The Royal Shakespeare Company, The Actors’ Studio, Broadway, San Francisco Mime Troupe, Free Theatre of Munich, The Chichester Festival, The Edinburgh Festival, The Spoleto Festival, Yale Repertory Theatre, and Habimah Theatre in Israel.

Requirements for the B.A. Degree with a Major in Theatre
Prerequisites (State Mandated Common Prerequisites)
For students transferring from a Community College: Students are encouraged to complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the courses below recommended.

Students need not have completed a concentration of courses in theatre in order to consider a Theatre major at USF. However, admission to the upper-level Theatre Performance program is by audition and admission to the upper-level Design sequence is by portfolio review. If the student does not succeed in passing the audition or portfolio review certain Theatre program requirements may have to be repeated until successful completion of the audition or portfolio review can be achieved.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. A “C” average in the major is required for graduation.

If students are coming to the university from a community college, the following prerequisite courses will be accepted as meeting lower level requirements.

TH 2000 Introduction to the Theatre...
TH 2300 Script Analysis, 3 semester hours
or TH 2305
TPA 1290 Production Involvement, 1 semester hour
or TPE 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
- TPA 2200 Intro to Technical Theatre I
- TPA 2290L Intro to Technical Theatre Lab I
- TPA 2211 Intro to Technical Theatre II
- TPA 2291L Intro to Technical Theatre Lab II

Second Year (8 hours)
- THE 2305 Script Analysis

Third Year (8 hours)
- THE 3110 Theatre History I - XMW or THE 3111 Theatre History II - XMW
- TPP 2190 Studio Theatre Performance I

Fourth Year (9 hours)
- Choice of two Theatre History/Literature:
  - THE 3110 Theatre History I - XMW
  - THE 3111 Theatre History II - XMW or THE 3111 Theatre History II - XMW
## THEATRE

### THE 3111 Theatre History II -XMW (3)
### THE 4174 New British Theatre and Drama -6A -XMW-XLW (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 -XMW-XLW (3)
### THE 4380 Theatre of Myth and Ritual -6A -XMW-XLW (3)
### THE 4390 Theatre of Pluralism -6A -XMW-XLW (3)
### THE 4401 American Drama -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-XLW (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.

TPA 4293 Production Involvement II (1)
TPP 4193 Studio Performance II (1)

### Fourth Year (3 hours)

### THE 4562 Contemporary Performance Theory -6A -XMW-XLW (3)

Audition and Portfolio Review: All students desiring admittance into the upper level acting courses must audition and those entering the upper level design sequence must present a portfolio. This normally occurs after the completion of the sophomore year.

### 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.

**General Education:**
- Language: 8-10
- Exit courses: 9
- Theatre core: 33
- **Total Hours:** 120

**TPP Courses:** 3
**THE; TPA; TPP Courses:** 18
**Free Electives:** 11-13
- **Total Hours:** 32-34

#### Performance Concentration (BA Degree)

**General Education:**
- Language: 8-10
- Exit courses: 9
- Theatre core: 33
- **Total Hours:** 120

**TPP 2500 Body Disciplines**
**TPP 3790 Voice Preparation for the Actor**
**TPP 3155 Scene Study**
**TPP 4180 Advanced Scene Study**
**TPP 4140 Styles of Acting**
**Additional TPP Courses:** 10
**Free Electives:** 8
- **Total Hours:** 120

#### Design Concentration (BA Degree)

**General Education:**
- Language: 8-10
- Exit Courses: 9
- Theatre Core: 33
- **Total Hours:** 86-88

**TPA 3007 Introduction to Design I**
**TPA 3008 Introduction to Design II**
**TPA 3208 Drafting and CAD I**
**Plus TWO
  - TPA 3231 Costume Construction**
  - TPA 3221 Lighting Theory and Practice**
  - TPA 3251 Drafting and CAD II**
  - AND
  - THE 4283 Architecture and Decor**
  - THE 4264 Costume History**
  - TPA 4011 Design Studio I**
  - **Free Electives:** 8-10
  - **Total Hours:** 32-34

**Total Hours:** 120

### 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 BFA may be achieved in 120 hours. See Advisor.

**General Education:**
- Language: Not Required
- Exit Courses: 9
- Theatre Core: 33
- **Total Hours:** 78

**TPA 3007 Introduction to Design I**
**TPA 3008 Introduction to Design II**
**TPA 3208 Drafting & CAD I**
**TPA 3231 Costume Construction**
**TPA 3221 Lighting Theory and Practice**
**TPA 3251 Drafting and CAD II**
**THE 4283 Architecture and Decor**
**THE 4264 Costume History**
**TPA 4011 Design Studio I**
**TPA 4012 Design Studio II**
**TPA 4013 Design Studio III**
**TPA 3296 Design Practicum**
**TPA 4298 Advanced Design Practicum**
**TPA Electives:** 2
**Advised Other Electives:** 11
- **Total Hours:** 129

### Requirements for a Minor in Theatre

**THE 2020 Introduction to Theatre**
**TPP 2110 Voice and Body Improvisation**
**TPP 2190 Studio Theatre Performance I**
**TPA 2292 Production Involvement I**
**TPA 2200 Intro to Technical Theatre I**
**TPA 2290L Intro to Technical Theatre Lab I**
**TPA 2291L Intro to Technical Theatre Lab II**

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, R. Lawrence, B. Shanks, H. Szape; **Assistant Professors:** W. Babcox, N. Bender, J. Byrd, E. Condon, G. Green, R. Lawrence, R. Marchi, D. Murray, A. Pollack, N. Schiller, J. Weitz; **Assistant in Media Technologies:** G. Maddison; **Assistant in Student Advising:** R. Olinger.

Music and Music Education

Theatre and Dance
**Director:** M. Powers; **Emeritus Professor:** P. Massie, N. Cole; **Professors:** D.M. Calandra, P. Finelli, B. W. Lee, W.A. Lorenzen, C. Steele, G. W. Warren, L. Wimmer; **Associate Professors:** J.W. Belt, F. Green, S. Robinson, G.B. Stephens, J. Travers, D.K. Williams; **Assistant Professors:** B. Brewer, M. Foley, D. Mann; **Instructor:** D. Frankel; **Lecturer:** J. Parks; **Academic Advisor:** M. L. Morris.
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 spring 2007.

A Master Plan for a new primary campus site 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.)
- 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
- Adult Education with Criminology Electives (M.A.)
- 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

2005-2006 Enrollment (Unduplicated/Funding Campus)
2,900 students

Student-Faculty Ratio
16:1

Average Age
Undergraduate 27
Graduate 36

Full-Time vs. Part-Time
Undergraduate: 54% Full-time; 46% Part-time
Graduate: 47% Full-time; 53% 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. programs
- Department of Information Technology
- Community partnerships
- New PCC/USF Joint-Use Technology Center
- New I-4 and Polk Parkway campus plan
- Alfred Rath Senior Education Center
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 course 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>Community College Block Credit (Transferred from A.S.)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community College General Education (Transferred from A.S.)</td>
<td>18</td>
</tr>
<tr>
<td>USF General Education</td>
<td>18</td>
</tr>
<tr>
<td>USF Exit Courses</td>
<td>9</td>
</tr>
<tr>
<td>USF Area of Concentration*</td>
<td>18</td>
</tr>
<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 – Criminal Justice Concentration (ACJ) consists of 18 credit hours:
- Only available at Lakeland or Sarasota campus
  - CCJ 3024 Survey of Criminal Justice (3)
  - CCJ 3510 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:
- Only available through Lakeland campus
  - 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 4802 Entrepreneurship & Small Business Management (3)
  - OR
  - GEB 4890 Strategic Management & Decision Making (3)
  - MART 3023 Basic Marketing (3)

BSAS – Early Childhood 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)
  - REQUIRED COURSES:
    - ETG 3612 Operations Management (3)
    - ETG 4931 Special Topics in Technology I* (1-5)
    - ACG 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)
    - ETE 4116 Industrial Quality Control (3)

*Please see academic advisor for required special topics course.
• 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 should 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 residency 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

A minimum of 18 hours is required of all Undergraduate minors in Criminology including:

1. The following two required courses:
   - CCJ 3024 (3)
   - CCJ 3610 (3)

2. An additional 12 semester hours of electives within Criminology.

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 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 X005 Introduction to Education (3)
- EDF X701 Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- EDE 4940 Internship 10-12

*In addition to EDF X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Aademic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

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
- EDF 3604 Social Foundations of Education (Exit)
- EDF 4430 Measurement for Teachers
- EEX 4070 Integrating Exceptional Students in the Regular Classroom
- FLE 4362 Curriculum and Pedagogy of ESOL
- FLE 4363 Literacy Development in English Language Learners
- FLE 4364 Applying Linguistics to ESOL Teaching and Testing
- EDE 4940 Internship

Specialization (41 credit hours):

- EDE 4301 Classroom Management, School Safety, Ethics, Law, and Elementary Methods
- EDE 4941 Childhood Education Internship Level I
### Four-Year Curriculum in Industrial and Management Systems Engineering

**Prerequisites (State Mandated Common Prerequisites) for Students Transferring from a Florida Community College:**
If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

Students qualify for direct entry to the department if they have completed the following courses at a Community College or University in the Florida State University System (SUS) and meet all other admissions requirements of the University and College.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university.

**Communications:**
- ENC 1101/1102 English I and II (6)

**Humanities & Social Sciences:**
- Humanities Courses (6)
- Social Science Courses (6)
- Humanities or Social Sciences (3)

**Mathematics:**
- USF C/C
- MAC 2281 MAC 2311* (4)
- MAC 2282 MAC 2312* (4)
- MAC 2283 MAC 2313* (4)
- MAP 2302 MAP 2302 (3)

*or MAC 2281, MAC 2282, MAC 2283

**Natural Sciences:**
- 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.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses Offered</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ACG 3074</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>ECO 1000</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>FIN 3403</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>MAN 3025</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>MKT 3023</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>MAN 4802</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>Total</td>
<td>18</td>
</tr>
<tr>
<td>2</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>At least 12 hours of the required 18 credit hours must be taken in residence at USF.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ACG 2021 &amp; ACG 2071 can be substituted for ACG 3074.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ECO 2013 &amp; ECO 2023 can be substituted for ECO 1000.</td>
<td></td>
</tr>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HLP 4722</td>
<td>Health and Physical Education for the Child</td>
<td>2</td>
</tr>
<tr>
<td>EDE 4942</td>
<td>Childhood Education Internship Level II</td>
<td>6</td>
</tr>
<tr>
<td>LAE 4314</td>
<td>Teaching Writing in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>LAE 4414</td>
<td>Teaching Literature in the Elementary Schools (Exit)</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4310</td>
<td>Teaching Elementary School Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAE 4326</td>
<td>Teaching Elementary School Mathematics II</td>
<td>3</td>
</tr>
<tr>
<td>RED 4310</td>
<td>Reading and Learning to Read</td>
<td>3</td>
</tr>
<tr>
<td>RED 4511</td>
<td>Linking Literacy Assessment to Instruction</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4310</td>
<td>Teaching Elementary School Science</td>
<td>3</td>
</tr>
<tr>
<td>SSE 4313</td>
<td>Teaching Elementary School Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDE 4223</td>
<td>Creative Experiences for the Child</td>
<td>3</td>
</tr>
</tbody>
</table>

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- **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 discipline areas: 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.

**Please note:** Courses used to satisfy a major in accounting, economics, finance, information systems management or marketing may not be used to satisfy either minor or economics concentration requirement for the GBA major.

**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
   - MKT 3023 Basic Marketing
   - MAN 4802 Entrepreneurship & Small Business Management
   - Total 18

---

[Table continues with more course details and requirements...]

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### Semester I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHM 2045</td>
<td>Chemistry I</td>
<td>3</td>
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<td>CHM 2045L</td>
<td>Chemistry I Lab</td>
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<tr>
<td>EGN 3000</td>
<td>Foundations of Engineering</td>
<td>1</td>
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<td>ENC 1101</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>MAC 2281</td>
<td>Engineering Calculus I</td>
<td>4</td>
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<tr>
<td>Social Science Elective</td>
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### Semester II

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<tbody>
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<td>Chemistry II</td>
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<tr>
<td>Historical Perspectives Elective</td>
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<tr>
<td>ENC 1102</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2282</td>
<td>Engineering Calculus II</td>
<td>4</td>
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<tr>
<td>PHY 2048</td>
<td>Physics I</td>
<td>3</td>
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<tr>
<td>PHY 2048L</td>
<td>Physics I Lab</td>
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<tr>
<td>Historical Perspectives Elective</td>
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### Semester III

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<tr>
<td>EGN 3443</td>
<td>Engineering Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2283</td>
<td>Engineering Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2049</td>
<td>Physics II</td>
<td>3</td>
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<tr>
<td>PHY 2049L</td>
<td>Physics II Lab</td>
<td>1</td>
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<tr>
<td>Historical Perspectives Elective</td>
<td></td>
<td>3</td>
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<tr>
<td>Total</td>
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### Semester IV

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>EGN 3311</td>
<td>Statics</td>
<td>3</td>
</tr>
<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>EGN 4450</td>
<td>Linear Systems</td>
<td>2</td>
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<tr>
<td>EGN 3433</td>
<td>Modeling &amp; Analysis of Systems</td>
<td></td>
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<tr>
<td>or</td>
<td>MAP 2302</td>
<td>3</td>
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<tr>
<td>Fine Arts Elective</td>
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### Summer Term

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EGS 1113</td>
<td>Engineering Graphics</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3615</td>
<td>Engineering Economy with Social and Global Implications (SS)</td>
<td>3</td>
</tr>
<tr>
<td>ALAMEA Elective</td>
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### Semester V

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<tr>
<td>EGN 3365</td>
<td>Materials Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3373</td>
<td>Introduction to Electrical Systems I</td>
<td>3</td>
</tr>
<tr>
<td>EIN 4312C</td>
<td>Work Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EIN 4621</td>
<td>Manufacturing Processes</td>
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</tr>
<tr>
<td>ESI 4312</td>
<td>Deterministic OR</td>
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<td>EGN 3343</td>
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<tr>
<td>EIN 4333</td>
<td>Production Control</td>
<td>3</td>
</tr>
<tr>
<td>ESI 4221</td>
<td>Industrial Statistics/Quality Control</td>
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</tr>
<tr>
<td>ESI 4313</td>
<td>Probabilistic OR</td>
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<tr>
<td>Tech Elective Engineering Science</td>
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<tr>
<td>EIN 4364C</td>
<td>Facilities Design</td>
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<tr>
<td>EIN 4352</td>
<td>Engineering Cost Analysis</td>
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</tr>
<tr>
<td>ESI 4244</td>
<td>Design of Experiments</td>
<td>3</td>
</tr>
<tr>
<td>ESI 4523</td>
<td>Industrial Systems Simulation</td>
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<td>Tech Elective Industrial Engineering</td>
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### Semester VIII

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<tr>
<td>EIN 4243C</td>
<td>Human Factors (6A)</td>
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<tr>
<td>EIN 4891</td>
<td>Capstone Design (MW/MI)</td>
<td>3</td>
</tr>
<tr>
<td>EIN 4601</td>
<td>Automation/Robotics</td>
<td>3</td>
</tr>
<tr>
<td>ENC 3246</td>
<td>Communication for Engineers (6A L&amp;W)</td>
<td>3</td>
</tr>
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<td>Tech Elective Industrial Engineering</td>
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<tr>
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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.

| Semester I | COP 3515 Program Design for Information Technology | 3 |
|            | ENC 3246 Communication for Engineers               | 3 |
|            | INR 3033 International Political Cultures          | 3 |
|            | CGS 3303 IT Concepts                               | 3 |
|            | CEN 3722 Human Computer Interfaces for IT          | 3 |
|            | Total                                              | 15 |

| Semester II | CDA 3101 Computer Organization for Information Technology | 3 |
|             | EEL 4782 Computer Information Networks for IT         | 3 |
|             | EEL 4782L Information Networks Lab for IT             | 1 |
|             | EEL 4854 Data Structures and Algorithms for IT       | 3 |
|             | ENC 4260 Advanced Technical Writing                  | 3 |
|             | IT Approved Electives                                | Total |
|             |                                                      | 16 |

| Semester III | CIS 4703 Database Systems for IT                    | 3 |
|              | CEN 4031 Software Engineering Concepts for IT       | 3 |
|              | COP 4610 Operating Systems for IT                   | 3 |
|              | COP 4610L Operating Systems Lab for IT              | 1 |
|              | IT Approved Electives                               | Total |
|              |                                                      | 16 |

| Semester IV | CIS 4930 Information Technology Seminar             | 1 |
|             | CIS 4935 Senior Project in IT                       | 3 |
|             | CIS 4253 Ethical Issues for Information Technology  | 3 |
|             | IT Approved Electives                               | Total |
|             |                                                      | 13 |

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 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 4782L Information Networks for IT 1
- 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
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
- 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 Lab for IT 3
- COP 4703 Database Systems for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks for IT 3
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

Elective Courses:

- COP 2510 Programming Concepts 3
- COP 3515 Program Design for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks for IT 1
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

IT Technical Minor

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 Current Topics 3
- IT Approved Elective 3

IT Professional Certificate

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Computer Programming 3 hrs.
3. COP 2xxx Any Data Base 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 Program Design 3
- COP 4610 Operating Systems for IT 3
- COP 4610L Operating Systems Laboratory for IT 1
- COP 4703 Database Systems for IT 3
- EEL 4854 Data Structures and Algorithms for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks for IT 1
- ETG 4931 Special Topics in Technology I 1-5
- ETG 4932 Special Topics in Technology II 1-5

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 30

Information Technology Faculty

Chair (Interim): W. D. Armitage; Faculty: P. Bao, A. Ejnioui, F. Fleschute, A. Gaspar, B. Harding, R. Hawat, S. Lodwig, R. Walsh, J. Wigionton.

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:
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 a particular aspect of the field. Interested undergraduate majors may apply for admission 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. Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

There are no State Mandated Common Prerequisites for the ISS degree program.

Some of the following courses if available, during the program of study at the community college, and when feasible in General Education/Gordon Rule courses, could count toward the ISS degree. A grade of “C” is the minimum acceptable grade.

- **AFA** 2000 Introduction to the Black Experience (3)
- **AMH** 2010 American History I (3)
- **AMH** 2020 American History II (3)
- **ECO** 2013 Economic Principles (Macroeconomics) (3)
- **ECO** 2023 Economic Principles (Microeconomics) (3)
- **GEA** 2000 World Regional Geography (4)
- **POS** 2041 American National Government (3)
- **POS** 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 (STA 2122) 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 complete 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.
Requirements for Psychology Majors

1. 2000/3000 Level Requirement (6 semester hours)
   - PSY 2012 Introduction to Psychological Science (if not already taken at a community college)
   - PSY 3204 Psychological Statistics

2. Methods Course Requirement (7 semester hours)
   - PSY 3213 Research Methods in Psychology
   - and one of the following:
     - CLP 4433 Test 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
   - 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.

   **Group II**
   - CLP 4433 Test and Measures
   - PSY 4913 Directed Studies
   - PSY 4970 Honors Thesis.

PSY 4932 may not count toward the major.

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 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.

**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.

A student applying for full admission to the program should be aware of this possibility.

The Social Work as a profession provides an exposure to social work as a profession and to contemporary issues in the social welfare field. 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.

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A 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. 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.

**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...
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 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 full major before taking core social work courses.
2. A student must have completed required common prerequisites and 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.

Admission requirements for the social work full major are as follows:

1. A student must have successfully completed the following courses, with a passing grade for either course.
2. 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

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.

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 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.

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1. A student must have successfully completed the following courses, with a passing grade for either course.
2. 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

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.

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 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 full major before taking core social work courses.
2. A student must have completed required common prerequisites and 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.

Admission requirements for the social work full major are as follows:

1. A student must have successfully completed the following courses, with a passing grade for either course.
2. 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

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.

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 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 full major before taking core social work courses.
2. A student must have completed required common prerequisites and 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.

Admission requirements for the social work full major are as follows:

1. A student must have successfully completed the following courses, with a passing grade for either course.
2. 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

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.

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 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 full major before taking core social work courses.
2. A student must have completed required common prerequisites and 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.

Admission requirements for the social work full major are as follows:

1. A student must have successfully completed the following courses, with a passing grade for either course.
2. 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.
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)

Summary:
Core Courses 29 hours
Field Experience 9 hours
TOTAL 38 hours

• EXCEPTIONAL CHILD 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:
1. 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.
2. 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 (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
*In addition to EDG X701, a minimum of 6 semester hours
Prerequisites are required of students.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

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)

Summary:
Core Courses 29 hours
Field Experience 9 hours
TOTAL 38 hours

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 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
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 of Tampa. Situated near the beautiful Sarasota Bay and adjacent to the Sarasota-Bradenton Airport, the campus is a convenient and easily accessible location for students coming from the surrounding counties. USF Sarasota-Manatee’s new Campus Center opened in the fall of 2006. The 100,000 square foot facility offers 24 classrooms; a 190-seat lecture/exhibition hall; seminar and video-conferencing rooms; computer labs; a daycare center; faculty and staff offices; a 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. Full and part-time students are provided with a flexible schedule of daytime, evening, and weekend classes to accommodate commitments to work, family and community.

USF has always been on the forefront of economic development in Sarasota and Manatee counties. Leading in the production of teachers, nurses, accountants, business people, and community leaders, USF Sarasota-Manatee is 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 on a shared site with New College of Florida, providing courses for upper-level undergraduates, graduates, and continuing education students. Now, 32 years later, USF Sarasota-Manatee attracts more than 3,400 students annually to an expanded and growing schedule of offerings that includes more than 800 courses in 39 academic programs. In recognition of its strategic location and in response to feedback from the local community, USF decided to locate its School of Hotel and Restaurant Management on this campus in 2002.

A defining moment for USF Sarasota-Manatee:

Many say the reasons for choosing USF Sarasota-Manatee are small class size and a convenient close-to-home location. USF Sarasota-Manatee has continued to expand its academic and extracurricular offerings, thus more effectively serving the needs of the community.

Noteworthy and popular programs include the School of Hotel and Restaurant Management, and master’s degrees in social work, special education, and criminal justice administration. The MA in educational leadership now meets 100 percent of the local needs for school principals and assistant principals.

USF Sarasota-Manatee classes offered at MCC Venice:

USF Sarasota-Manatee offers classes at the Venice location of Manatee Community College (MCC Venice). The first class started in 2004, thanks to a private grant given by the Gulf Coast Community Foundation of Venice. The program is now permanently funded by the state of Florida. USF Sarasota-Manatee at MCC Venice offers classes in business, elementary education, interdisciplinary social science, psychology, and criminology, enabling students to take courses toward a bachelor’s degree near where they live or work in the south county area.

In 2007, USF Sarasota-Manatee at MCC Venice began offering master’s and certificate programs in Educational Leadership.

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*(partial)
- Secondary Social Science*(partial)
- 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:

- Educational Leadership and Policy Studies
- Hotel Management
- Information Technology Management
- Leadership In Developing Human Resources
- Reading Certificate and Endorsement Program
- Restaurant Management

Graduate Certificate Programs:

- Criminal Justice Administration

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  
MS Nursing - Clinical  
Nurse Leader Concentration  

Endorsement:  
Reading Education  

2005-2006 Enrollment  
3,250 Students  

Average Age (Mean Age-Fall 2005)  
Undergraduate: 30  
Graduate: 36  

Full-Time vs. Part-Time (Fall 2005)  
(Undergraduate)  
42 % Full-Time  
57.8 % Part-Time  

Location  
Fastest Growing Area on the Southwest Coast of Florida  

Geography Diversity  
Students come from Sarasota, Manatee, DeSoto, Charlotte, Lee, southern Hillsborough counties and other surrounding counties.  

Points of Pride:  
- USF Sarasota-Manatee is producing a trained workforce of teachers, principals, accountants, nurses, and community leaders.  
- Partnerships with local business and economic development councils to remain attuned to community needs.  
- Partnership with local community colleges to offer 2+2 admissions, making the transition to obtain baccalaureate degrees easier and convenient to home.  

ACADEMIC DEGREE PROGRAM REQUIREMENTS  

COLLEGE OF ARTS AND SCIENCES  

CRIMINOLOGY (CCJ)  
The major in Criminology provides students with an in-depth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, 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 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 should 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 residency 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  
A minimum of 18 hours is required of all Undergraduate minors in Criminology including:  
1. The following two required courses:  
   CCJ 3024 (3)  
   CCJ 3610 (3)  
2. An additional 12 semester hours of electives within Criminology.  

Students must receive approval from the Department prior to starting their minor work. A minimum of 9 semester hours must be completed at USF. Students minoring in Criminology are subject to the Department’s “2 D” Rule.  

ENGLISH (ENG)  
Requirements for the Major in English  
Prerequisites (State Mandated Common Prerequisites)  
Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements,
thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university's entering freshman requirements, including ACT or SAT test scores, GPA, and course requirements.

The transfer student should also be aware of the immunization, foreign language, and continuous enrollment policies of the university. The English Department does not accept Sign Language as a foreign language.

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.

### ENL 2015 English Language and Culture

### ENL 2022 Medieval History II

### EUH 2021 Medieval History I

### 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 program 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 major unless the course is retaken under the grade forgiveness policy.

### Options

#### 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 3333 Shakespeare
   - ENL 3334 Famous Shakespeare
   - ENL 3335 English Literature
   - ENL 3336 British Literature
   - ENL 3337 American Literature
   - ENL 3338 English Literature
   - ENL 3339 British Literature
   - ENL 3340 American Literature

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
   - LIT 4930 Selected Topics in English Studies

4. **Composition requirement**: Five courses (15 hours) as follows:
   - Five of the following:
     - 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

#### 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:
     - 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

- AML 3051 American Literature 1912-1945
- 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.

**Professional and Technical Writing Minor (15 hours)**

1. ENC 2210 Technical Writing
2. ENC 4260 Advanced Technical Writing
3. Any two of the following courses:
   - 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

**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,” SP 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, would count toward
4. The completion of 42 approved hours of course work from 2. The ISS student chooses between two cognate areas and study listed below:

   Semester hours  Area
   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 a particular aspect of the field. Interested undergraduate majors may apply for admission 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.

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. PSY 2012 Introduction to Psychological Science (if not already taken at a community college)
2. Methods Course Requirement (7 semester hours)

and one of the following:

- CLP 4433 Tests and Measures
- PSY 4205 Experimental Design and Analysis
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.

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 all college-level 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.

Psychology Honors Program

The University of South Florida offers a program leading to a Bachelor of Social Work (B.S.W.) degree in the School of Social Work, College of Arts and Sciences. This program has been developed in accordance with the guidelines set forth by the Council on Social Work Education, the national accrediting body for social work education programs, and in accordance with the recommendations of the National Association of Social Workers. The B.S.W. program is fully accredited by the Council on Social Work Education. The primary objective of the B.S.W. program is the preparation of the graduate for beginning level professional practice as a social work generalist.

The secondary objectives of the B.S.W. program are to

1. Provide for the social work human resources needs of the university service district (the central Florida west coast area), the State of Florida, and the Southeast Region;
2. Prepare graduates for additional professional training at the graduate level in social work or in related human service professions;
3. Provide an exposure to social work as a profession and to contemporary issues in the social welfare field.

In preparing the B.S.W. graduate for beginning professional practice, the curriculum provides the student with an opportunity to develop a knowledge base and skill base as a "generalist" practitioner. The student will develop an understanding of various methods of intervention and skills in their application to a variety of client systems. For example, interventive methods may take the form of individual and group counseling, resource development, consultation, teaching, advocacy, etc. Client systems may be individuals, families, groups, organizations, or communities. The student will develop an understanding of the dynamics of human behavior in individual, group and organizational contexts and the influences of the sociocultural environment upon those behaviors. The student will learn about the development of social welfare systems and institutions and the social, economic, and political processes affecting policy development and program implementation. The student will develop an understanding of the utilization of basic social research skills particularly related to the processes of problem-solving, planning, and evaluation.

The student will also become aware of the value base of the profession and engage in a self-examination process as it relates to the development and reflection of ethical and effective professional practice. The B.S.W. program, as any professional program, places great emphasis on the development of a professionally responsible graduate in terms of one’s obligations to the client system served, the profession itself, the organization in which one works, and to the general public which ultimately provides any profession with legitimacy.

Enrollment in the B.S.W. program is limited. Students may apply for admission to the School for the B.S.W. program during enrollment in either SOW 3203 or SOW 3210. 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.
5. A student must achieve a grade of "B" or better in SOW 3203, "Introduction to Social Work" and SOW 3210, "The American Social Welfare System," to be considered for full admission. A grade of "B-" is not acceptable in either "Introduction to Social Work" or "American Social Welfare."
6. A student must have successfully completed CLAST.
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 3203 Introduction to Social Work and SOW 3210 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXX XXXX</td>
<td>American Government (American National Government or American Government) (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Biology (Human Biology or Anatomy &amp; Physiology) (3)</td>
</tr>
<tr>
<td>ECO XXXX</td>
<td>Economics (Microeconomics or Macroeconomics) (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Introductory Psychology (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Introductory Sociology/Social Problems (3)</td>
</tr>
</tbody>
</table>

At USF, the following courses are recommended to meet this requirement (one course in each area):

**American Government**

- POS 2041 American National Government (3)
- POS 2112 State and Local Government and Politics (3)
- POS 3182 Florida Politics and Government (3)

**Biology**

- BSC 1005 Principles of Biology for Non-majors (3)
- BSC 2022 Biology of Aging (3)
- BSC 2025 Food: Personal & Global Perspectives (3)
- BSC 2035 Sex and Today’s World (3)
- WST 2600 Human Sexual Behavior (3)

**Economics**

- ECO 2000 Basic Economics (3)

**Psychology**

- PSY 2012 Psychological Science I (3)
- PSY 2015 Psychological Science II (3)

**Sociology**

- SYG 2000 Introduction to Sociology (3)
- SYG 2010 Contemporary Social Problems (3)
- SYD 4800 Gender and Society (3)
- SYO 3530 Poverty, Inequality, and Stratification (3)
- SYP 3000 Social Psychology (3)
- SYP 4510 Sociological Aspects of Deviance (3)

**Foundation Courses (F*) for Social Work Majors**

- SYP 3000 Social Psychology (3)
- SYP 4510 Sociological Aspects of Deviance (3)

**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**

- SYG 2000 Introduction to Biology (3)
- SYG 2010 Contemporary Biology (3)

**Economics**

- ECO 1000 Basic Economics (3)
- ECO 2000 Basic Economics (3)

**Psychology**

- PSY 2012 Psychological Science I (3)
- PSY 2015 Psychological Science II (3)

**Sociology**

- SYG 2000 Introduction to Sociology (3)
- SYG 2010 Contemporary Social Problems (3)

**Anthropology**

- ANT 2000 Introduction to Anthropology (3)
- ANT 2410 Cultural Anthropology (3)
- ANT 3000 Cultural Anthropology (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 3016 Issues in Feminism (3)
- WST 4262 Women, Work, and Social Change (3)
- WST 4410 Third World Women Writers (3)

2. Both of the following Social Work courses, earning a “B” or better:

- SOW 3210 American Social Welfare System (3)
- SOW 3203 Introduction to Social Work (3)
Social Work Core Courses
1. Human Behavior and Social Environment Courses
   - 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)

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, based upon availability of faculty and space within each discipline. The College is an upper-level, limited access college, based upon availability of faculty and space within each discipline.

Requirements for Admission to the College of Business

1. 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 business 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 STA X023 Introductory Statistics
      - or MIN 213
      - or STT X110
      - 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.
   d. In computing grade point average all business and economics courses taken for S or U grades will be converted to C or F, respectively.
2. Students working toward meeting the limited access criteria will be permitted to enroll in all foundation courses in Business (listed below) except GEB 4890, provided they have completed 60 semester hours and have met course prerequisites.
3. A minimum score of 550 on paper and pencil or 213 on computerized TOEFL is required, when applicable.
4. Students must be admitted to the College of Business Administration at least one term before their anticipated graduation date.

Transfer Students

Transfer credits will be accepted from accredited institutions; however, all hours earned may not be applied toward USF business degree requirements. Individual courses will be evaluated by an academic advisor and appropriately credited toward requirements in the student’s program at USF.

Florida public junior/community college students enrolled in an Associate of Arts (AA) program should normally complete the general education requirements and the State Mandated Common Prerequisites at the junior/community college. As a rule, AA students should avoid taking any business courses at the junior/community college that are listed as 3000 and 4000 level courses at USF. Normally, courses in finance, marketing, management, and accounting, as well as other business administration and economics courses, taken at the lower division level that are offered as upper division courses at USF will not be accepted for upper division credit in business administration or economics. In general, business 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 Business. 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 pursing an Associate of Science (AS) program in Business Administration are fully admissible to USF. Please see a business advisor to determine the articulation courses, discuss admission to the College of Business and prepare a program plan for degree completion. Students transferring to the College of Business with an A.S. in Business Administration may earn a major in General Business Administration only.

Florida public junior/community college students pursuing an Associate of Science (AS) program in any other discipline should contact the Director of the BSAS program in the Office of Undergraduate Studies, SVC 2002, (813) 974-4051, for information regarding course transferability and degree articulation.

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business Administration

Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business Administration). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:
- GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and comptuation course requirements of 6A-10.30 (“Gordon Rule”).

Foreign Language: For a Bachelor of Arts degree, students must demonstrate competency in a foreign language (refer to the Academic Policies and Procedures section of this catalog). The College of Business does not approve American Sign Language for the Foreign Language Exit Requirement.

Residency: College of Business Administration residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.
Degree Requirements

NON-BUSINESS (54 hrs. minimum) Semester Hours
1. General Education Requirements*  
   a. English Composition 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  
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) 18-24  
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  
Sarasota: Accounting, Finance and General Business Administration  
Lakeland: General Business Administration and Marketing  

North Pinellas Teaching Site (at St. Petersburg College, Clearwater): offers the General Business Administration program.  
Students may need to travel from one USF campus to another in order to finish their particular program within a shorter time period.  

Student Advising and Records  
The Office of Undergraduate Advising and Programs (located in Ferguson Hall, BSN 2102) provides the following:  
1. Orientation for freshmen 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 2102, (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: SMC-C107, (941) 359-4330  
Lakeland Campus: LLC 2100, (863) 667-7063  

Office Hours  
Tampa Campus: 8am-6pm Monday-Thursday. 8am-4pm on Fridays.  
St. Pete Campus: 8am-5pm Monday-Thursday. 8am-5pm on Fridays.  
Sarasota Campus: 8am-6pm Monday-Thursday. 8am-5pm on Fridays.  
Lakeland Campus: 9am-6pm Monday-Thursday. 8am-5pm on Fridays.  

While the University provides advising services to assist students with academic planning, the responsibility for ensuring that all graduation requirements are met ultimately rests solely with the student.  

Academic Dismissal  
Students who have been dismissed twice from the University for academic reasons will not be readmitted to the College of Business Administration.  

DEPARTMENTS AND PROGRAMS  
• GENERAL BUSINESS (GBA)  
The General Business major provides students with substantial preparation in two functional areas of business and prepares them for positions in a business world that is increasingly interdisciplinary and values cross-functional abilities.  

Requirements for the B.A./B.S. Degree: Within the 120-semester-hours program as listed in the General Requirement section, students must complete two minors from the following business disciplines: accounting, economics, finance, management, management information systems, or marketing. A minimum of 24 hours of upper-level course work must be earned with a GPA of at least 2.0 in each minor. The requirements for each minor are listed with the description of the major.* Minors applied to the General Business major will be referred to as concentrations. Concentrations used as part of the General Business Major will not also be subsequently listed as independent minors on the transcript.
Please note: Courses used to satisfy a major in accounting, economics, finance, information systems management or marketing may not be used to satisfy either minor or economics concentration requirement for the GBA major.

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
   - MKT 4802 Basic Marketing 3
   - MAN 4802 Entrepreneurship & Small Business Management 3

   **Total 18

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*AGC 2021 & AGC 2071 can be substituted for AGC 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 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 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 (W's count as attempts) will be considered for 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
- 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

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 24 hour major courses plus a 2.0 GPA in all minor courses completed at other institutions.

2. A grade of "C" (not C-) or better must be earned in each of the four upper-level accounting courses taken. A grade point average of 2.0 or higher must be achieved in all minor course work. All attempts will be included in the GPA 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
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 a 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
- 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.

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 3 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

**No more than three hours of ISM 4950 can be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only):
- Students majoring in Business Administration may minor in MIS. The requirements are:
  1. ISM 3113 Systems Analysis and Design 3
  2. ISM 4212 Database Administration 3
  3. Approved MIS Elective 6
  Total MIS hours 12
  2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at other institutions.
  3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

• MANAGEMENT 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.

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.
The requirements are:

- GPA including transfer work.
- Required Management Courses:
  - MAN 3240 Organizational Behavior Analysis 3
  - Additional upper-level management courses 15-21
  Total 18-24

MAN 4504 and MAN 4507 do not count toward the management major.

Requirements for a Minor in Management (for Business Majors Only): Students majoring in Business Administration may minor in Management.
The requirements are:

1. MAN 3240 Organizational Analysis 3
2. MAN 3301 Human Resource Management 3
3. MAN 4282 Organizational Assessment 3
4. MAN 4600 International Management 3
5. Total Management hours 12

- At least 9 hours of the required 12 credit hours must be taken in residence at USF.
- MARKETING (MKT)

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those who meet these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations that offer a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational, and health care institutions, as well as charitable and political campaigns. Marketing operations provide the most visible links between the firm or institution and its many publics. Marketing deals with people who are constantly changing in their needs, wants, and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge and to much of the dynamic nature of marketing. The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding how to attract and retain customers;
2. Having the ability to find and analyze information;
3. Being able to design, collect, and analyze marketing information to be used in managerial decision making;
4. Using electronic and traditional media to create satisfied loyal customers;
5. Having personal communication skills that businesses demand;
6. Being capable of writing a winning marketing plan;
7. Understanding and being able to apply the latest marketing concepts, including marketing automation.

Requirements for the B.A./B.S. Degree: Within the 120-semester-hour program listed in the General Requirements section, students must complete a minimum of 18 hours in marketing beyond MAR 3023. At least 12 hours must be taken in residence at USF. 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.

- 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
  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.

Requirements for a Minor in Marketing (for Business Majors Only): The requirements are:

1. Any 3 upper level Marketing courses with a MAR prefix (excluding MAR 4824) 9 Total Marketing Hours 12
2. A grade of "C" or higher (NOT C-) is required in all marketing coursework.
3. 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.
4. 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 Educator Preparation 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 an educator preparation 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 educator preparation programs offered by the College of Education after completing prerequisite courses. All students who plan to teach apply for admission to a educator preparation program through the Student Academic Services Office of the College of Education.

Admission to an upper-level educator preparation 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 attend a pre-education advising session 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 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.
• 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>Code</th>
<th>Description</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience in Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 2000</td>
<td>Introduction to Communication</td>
<td>3</td>
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<td>EGN 2031</td>
<td>History of Technology</td>
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<tr>
<td>EUH 2011</td>
<td>Ancient History I</td>
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<tr>
<td>EUH 2021</td>
<td>Medieval History I</td>
<td>3</td>
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<td>EUH 2022</td>
<td>Medieval History II</td>
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<tr>
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<td>Modern European History I</td>
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<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>ITR 101</td>
<td>World Perspective</td>
<td>4</td>
</tr>
<tr>
<td>LAH 2734</td>
<td>Latin American History in Film</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2010</td>
<td>Introduction to Fiction</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2040</td>
<td>Introduction to Drama</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2011</td>
<td>The Enjoyment of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2051</td>
<td>Folk and Traditional Music of World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2632</td>
<td>Music in the United States</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
<td>3</td>
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<td>POS 2080</td>
<td>The American Political Tradition</td>
<td>3</td>
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<tr>
<td>REL 2300</td>
<td>Introduction to World Religions</td>
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<tr>
<td>REL 2306</td>
<td>Contemporary World Religions</td>
<td>4</td>
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<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.

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 Pre-Education Advising (DAC 107).

### 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.

### 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) 974-2979. 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 the Pre-Education Advising Office (DAC 107) 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 Educator Preparation 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 Educator Preparation 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 courses 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. NOTE: English, Math, Science, and Social Science majors must pass the 6-12 subject matter exam.
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 educator preparation 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 internships 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 Early Childhood 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. These requirements include being available to participate in internships during regular school hours.

Early Childhood Program

Students may complete a state-approved program to be eligible for licensure in Early Childhood Education Pre-Kindergarten/Primary (age 3 - Grade 3). The current program of studies includes both coursework and extensive field experiences in early childhood settings to enable students to integrate theory with teaching practice. Graduation is dependent upon successful completion of the required courses, chalk and wire requirements, 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.

• **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 (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
  *In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Completion of General Education requirements:** General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

For additional prerequisites see program requirements below.

**Professional Education Core (39 cr. hrs.):**

<table>
<thead>
<tr>
<th>Course</th>
<th>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>12</td>
</tr>
<tr>
<td>EEC 4941</td>
<td>Field Experience I</td>
<td>3</td>
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<td>EEC 4942</td>
<td>Field Experience II</td>
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<td>EEC 4943</td>
<td>Field Experience III</td>
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<td>EDG 4909</td>
<td>Young Children With Special Needs</td>
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<tr>
<td>EDF 4909</td>
<td>Assess., Eval., Reporting Progress</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4362</td>
<td>Curriculum and Pedagogy of ESOL</td>
<td>3</td>
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<tr>
<td>FLE 4363</td>
<td>Literacy Development in English Language Learners</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4364</td>
<td>Applying Linguistics to ESOL Teaching and Testing</td>
<td>3</td>
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**Specialization (30 cr. hrs.):**

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<td>EEC 4008</td>
<td>Literature in Early Childhood Education (Exit)</td>
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<td>LAE 4414</td>
<td>Children’s Literature</td>
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<td>EEC 4203</td>
<td>Programs for Young Children</td>
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<td>EEC 4211</td>
<td>Integrated Curriculum: Science and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4212</td>
<td>Integrated Curriculum: Social Sciences/Humanities &amp; Art</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4303</td>
<td>Creative and Affective Experiences for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4307</td>
<td>Cognize Experiences for Young Children</td>
<td>3</td>
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<tr>
<td>EEC 4408</td>
<td>Child, Family &amp; Teacher Relations</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4706</td>
<td>Language and Emerging Literacy</td>
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<tr>
<td>HSC 3301</td>
<td>Health, Safety, Nutrition and Motor Skills for the Young Child</td>
<td>3</td>
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<td>RED 4310</td>
<td>Early Literacy Learning</td>
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</tr>
<tr>
<td>RED 4511</td>
<td>Linking Literacy Assessment to Instruction</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

**NOTE:** In order to satisfy the 6 hour rule for Exit requirements, Early Childhood students must pass an exit requirement course (in addition to EEC 4008) outside of the Early Childhood program.

• **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 X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
  *In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Completion of General Education requirements:** General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

For additional prerequisites see program requirements below.

**Professional Education Core (39 cr. hrs.):**

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<tr>
<td>EEC 4941</td>
<td>Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4942</td>
<td>Field Experience II</td>
<td>3</td>
</tr>
<tr>
<td>EEC 4943</td>
<td>Field Experience III</td>
<td>3</td>
</tr>
<tr>
<td>EDG 4909</td>
<td>Young Children With Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4909</td>
<td>Assess., Eval., Reporting Progress</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4362</td>
<td>Curriculum and Pedagogy of ESOL</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4363</td>
<td>Literacy Development in English Language Learners</td>
<td>3</td>
</tr>
<tr>
<td>FLE 4364</td>
<td>Applying Linguistics to ESOL Teaching and Testing</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 internships.
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 for 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 (Exit) 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 “Pre-Service 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.
- EDF X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other program prerequisites:**
  - SPC X600 Public Speaking (3)

Completion of General Education requirements:
- Literature course (3)
- Electives in English (3)

**Courses specified in this category may apply to general education coursework.

Recommended Courses:
- Literature Course (3 hours) - select from LIT, AML, ENL (LIT 2000 or ENL 3323 recommended)
- English Electives (9 hours) - to include advanced composition and media
- (CRW 2100 or CRW X111 and MMC 2100 or ENC X310 and LIT 2046 or LIT X301 recommended)

Professional Education (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
- LIT 3103 Great Literature of the World (Exit) 3
- WST 4410 Third World Women Writers (Exit) 3
- LAE 4469 Teaching World Literature to Middle and Secondary Students 3

One of the following:
- AML 3031 American Literature to 1860 3
- AML 3032 American Literature 1860-1912 3
- AML 3051 American Literature 1912-1945 3

One of the following:
- ENL 3015 British Literature to 1616 3
- ENL 3230 British Literature 1616-1780 3
- ENL 3251 British Literature 1780-1900 3
- ENL 3273 British Literature 1900-1945 3

One of the following:
- ENL 3273 British Literature 1900-1945 3
**SOCIAL SCIENCE EDUCATION**

Requirements for Students entering Teacher Education Programs:

Prerequisites (State Mandated Common Prerequisites):

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EME X040 Introduction to Educational Technology (3)</td>
<td></td>
</tr>
<tr>
<td>EDG X701 Teaching Diverse Populations (3)</td>
<td></td>
</tr>
<tr>
<td>EME X040 Introduction to Educational Technology (3)</td>
<td></td>
</tr>
</tbody>
</table>

American Government (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Courses specified in this category may apply to general education coursework.

Completion of General Education Requirements: General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

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
2. AMH 2010 American History I
3. AMH 2020 American History II
4. GEA 2000 World Regional Geography
5. AMH 3421 Early Florida History
6. AMH 3423 Modern Florida History I

One of the following:

- HIS 4104 Theory of History
- POT 4064 Contemporary Political Thought
- AMH 3423 Modern Florida History I

Social Sciences Specialization (48 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4064 History of the English Language (3)</td>
<td></td>
</tr>
<tr>
<td>LIN 3010 Introduction to Linguistics (3)</td>
<td></td>
</tr>
<tr>
<td>ENG 4060 History of the English Language (3)</td>
<td></td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>1. ECO 1000 Basic Economics</td>
<td></td>
</tr>
</tbody>
</table>
2. ECO 2013 Macroeconomics

One of the following:

- SSE 4333 Teaching Middle Grades Social Science
- SSE 4334 Teaching Secondary Grades Social Science
- SSE 4335 Teaching Social Science Themes
- SSE 4600 Reading and Basic Skills in the Social Sciences
- SSE 4936 Senior Seminar in Social Sciences Education
- SSE 4940 Internship: Social Science Education**

**SSE 4333 must be successfully completed prior to SSE 4335.

**Only SSE 4936 can be taken at the same time as SSE 4940.

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 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.

**EXCEPTIONAL CHILD 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” or better is the minimum acceptable grade.

- EDF X005 Introduction to Education (3)
- EDF X012 Measurement for Teachers (3)
- EDF 3430 Social Foundations of Education (Exit) 3
- EDF 4430 Language Principles and Acquisition 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

**COLLEGE OF NURSING**

The program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006, (212) 363-5555 ex. 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.

The College of Nursing encourages applications from qualified applicants of both sexes and from all cultural, 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.

**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. Students must complete the College Level Academic Skills Test (CLAST) or equivalent and the writing and computation course requirements of 6A-10.30 (Gordon Rule). The student must be currently licensed to practice as a Registered Nurse by the Florida Board of Nursing.

**Admission Process**

In order to be considered for admission to the college, the applicant must:

1. Submit an application to USF by the appropriate deadline.
2. Submit an on-line College of Nursing application by the appropriate deadline at http://hsccf.hsc.usf.edu/con_online_app/index.cfm.

3. Complete all prerequisite courses with a grade of "C" or better.

4. Complete, prior to registration, the College of Nursing Health Form.

**NURSING PROGRAM**

**•• REGISTERED NURSE - COURSE OF STUDY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</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 - RN</td>
<td>1</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 XXXX</td>
<td>Nursing Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours** 72

College of Nursing courses include predominately live classroom courses with some web-based courses and some blended courses. Not all courses are available as on-line courses and blended courses require some campus classroom meetings.

**NURSING ADVISING**

The College of Nursing Office of Student Services 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, Information Sessions, 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:
- Facilitate the application and acceptance process for students
- Assist students as they develop their educational plans
- Guide students to select appropriate courses
- Help students interpret institutional requirements
- Advise students to facilitate progression in their course of study
- Facilitate graduation process for students

**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 mailing address is 12901 Bruce B. Downs, MDC22, Tampa, FL 33612-4766. The College telephone number is (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.

For information about programs, scholarships, faculty, and courses, consult the College of Nursing website at http://www.hsc.usf.edu/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 course work as transferable credit to the university, and afford students 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 BSAS program allows 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 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.)**

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).**

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)
- CJC 4934 Seminar in Criminology (3)
- CJE 4144 American Law Enforcement (3)

**BSAS – General Business Concentration (ABU) consists of 18 credit hours:**

- ACG 3074 Managerial Accounting for Non-Business Majors (3)
- ECO 1000 Basic Economics (3)
- FIN 3403 Principles of Finance (3)
- MAN 3025 Principles of Management (3)
- MAN 4802 Entrepreneurship & Small Business Management (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)
- EDCG 4900 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 – Hospitality Management Concentration (AHG) consists of 18 credit hours:**
Only available through Sarasota campus

**PREREQUISITES - 12 HOURS:**

- ACG 2021 Financial Accounting (3)
- ACG 2071 Managerial Accounting (3)
- MAN 3025 Principles of Management (3)
- MAR 3023 Basic Marketing (3)

**REQUIRED COURSES:**

- FSS 3231 Introduction to Food Production & Management (3)
- HFT 3005 Introduction to Hospitality & Tourism (3)
- HFT 3423 Hospitality Information Systems (3)
- HFT 3503 Hotel Marketing and Sales (3)
- HFT 4221 Human Resources Management (3)
- HFT 4253 Lodging Management (3)

**BSAS – Public Administration Concentration (APU) consists of 18 credit hours:**

- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4419 Personnel and Supervision in Today’s Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- POS 3182 Florida Politics and Government (3)

Plus any one of the following:

- PUP 4002 Public Policy (3)
- PAD 5035 Issues in Public Administration and Public Policy (3)
- PAD 5044 Environment of Public Administration (3)
- PAD 5159 Urban Policy Analysis (3)
- PAD 5333 Concepts and Issues in Public Planning (3)
- PAD 5605 Administrative Law and Regulation (3)
- PAD 5700 Research Methods in Public Administration (3)
- PAD 5807 Urban and Local Government Administration (3)
- PAD 5836 Comparative Public Administration (3)

**Bachelor of Science in Hospitality Management**

**Program Email:** hospitality@sar.usf.edu

**Location:** USF Sarasota-Manatee, SMC-B221

**Academic Advising:** Office of Student Services, SMC-C107, (941) 359-4330

**Web address:** http://www.sarasota.usf.edu/hospitality

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 from a regionally accredited institution and an overall GPA of 2.0 prior to admission to the University of South Florida Sarasota-Manatee.

**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-):
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, SMC-C107 (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.

Minor Programs

Minor in Restaurant Management & Minor in Hotel Management

Both programs are 18-credit hour programs. The minor program is a valuable addition to any major. Both minor programs provide the general information that will allow students to pursue hospitality related careers that they might otherwise not be qualified or credentialed to pursue. Majors of other disciplines will find this minor interesting and rewarding. Either minor program may open the door to a myriad of management positions in the hospitality industry. Contact the department for further information at (941) 359-4330.

Minor in Hotel Management

Required Courses:
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3503 Hospitality Marketing and Sales*
- HFT 3603 Law and Security for the Hospitality Industry*
- HFT 4221 Human Resources Management
- HFT 4253 Lodging Management
- HFT 4471 Management Accounting and Finance
- HFT 4936 Hotel Management Seminar (only taught on the USF Tampa Campus)

*Students are required to choose one of the two listed classes. Students must achieve a grade point average of 2.0 or higher in the minor course work for certification of the minor for graduation. At least 9 credit hours must be taken in residence at USF.

Minor in Restaurant Management

Required Courses:
- HFT 3005 Introduction to Hospitality and Tourism
- HFT 3263 Restaurant and Catering Management*
- HFT 3424 Cost Control in Hospitality Operations
- HFT 3503 Hospitality Marketing and Sales*
- HFT 3603 Law and Security for the Hospitality Industry*
- HFT 4221 Human Resources Management
- HFT 4853 Restaurant Trends and Challenges (only taught on the USF Tampa Campus)

*Students are required to choose one of the two listed classes. Students must achieve a grade point average of 2.0 or higher in...
the minor course work for certification of the minor for graduation. At least 9 credit hours must be taken in residence at USF. 

NOTE: Both minor programs are taught on the USF Tampa Campus. See our webpage for course descriptions, www.sarasota.usf.edu/hospitality.

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; Program Coordinator: Amanda M. Kulaw Program Email: hospitality@sar.usf.edu Location: Sarasota/Manatee Campus, SMC-B221.

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.

MAC XXXX Any Physics Course
PHY XXXX Any Psychology Course
Eco X013 Economics (Macroeconomics)
CGS XXXX Any Database Course
COP 2XXX Any Computer Programming Course
COP 2XXX Any Object-Oriented Programming Course
MAC XXXX Pre-Calculus Course
PSY XXXX Any Calculus Course
** XXXX Discrete Mathematics Course

Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

The schedule that follows indicates how a diligent student, who can devote full time to coursework, can satisfy requirements in four academic years. Students without a solid foundation, or those who cannot devote full time to academics, should plan for a slower pace.

Semester I

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 2100</td>
<td>3</td>
<td>Computers in Bus.</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>3</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1140</td>
<td>3</td>
<td>Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Ed.</td>
<td></td>
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Semester II

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>COP 2110</td>
<td>3</td>
<td>Programming Concepts</td>
</tr>
<tr>
<td>ENC 2102</td>
<td>3</td>
<td>Composition II</td>
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UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAD 3100</td>
<td>Discrete Math</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Economic Principles (Macro.)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Psychological Science I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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**Semester II**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Natural Science</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>COP XXXX</td>
<td>OO Programming (e.g., C++)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>6</td>
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<tr>
<td><strong>Total</strong></td>
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**Semester IV**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 2023</td>
<td>Introductory Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2020</td>
<td>Conceptual Physics</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td></td>
<td>3</td>
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<tr>
<td>Electives</td>
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**Semester V**

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>COP 3515</td>
<td>Program Design for Information Tech</td>
<td>3</td>
</tr>
<tr>
<td>ENC 3246</td>
<td>Communication for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>INR 3033</td>
<td>International Political Cultures</td>
<td>3</td>
</tr>
<tr>
<td>CGS 3303</td>
<td>IT Concepts</td>
<td>3</td>
</tr>
<tr>
<td>CEN 3722</td>
<td>Human Computer Interfaces for IT</td>
<td>3</td>
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<td><strong>Total</strong></td>
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**Semester VI**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CDA 3101</td>
<td>Computer Organization for IT</td>
<td>3</td>
</tr>
<tr>
<td>EEL 4782</td>
<td>Computer Information Networks for IT</td>
<td>3</td>
</tr>
<tr>
<td>EEL 4782L</td>
<td>Information Networks Lab for IT</td>
<td>1</td>
</tr>
<tr>
<td>EEL 4854</td>
<td>Data Structures and Algorithms for IT</td>
<td>3</td>
</tr>
<tr>
<td>ENC 4260</td>
<td>Advanced Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>IT Approved Electives</td>
<td>3</td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
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**Semester VII**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CIS 4703</td>
<td>Database Systems for IT</td>
<td>3</td>
</tr>
<tr>
<td>COP 4610</td>
<td>Operating Systems for IT</td>
<td>3</td>
</tr>
<tr>
<td>COP 4610L</td>
<td>Operating Systems Lab for IT</td>
<td>1</td>
</tr>
<tr>
<td>IT Approved Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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**Semester VIII**

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<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>COP 4930</td>
<td>Information Technology Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CIS 4935</td>
<td>Senior Project in IT</td>
<td>3</td>
</tr>
<tr>
<td>CIS 4253</td>
<td>Ethical Issues for Information Tech</td>
<td>3</td>
</tr>
<tr>
<td>IT Approved Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>13</strong></td>
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</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 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 3303</td>
<td>IT Concepts</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 4782L Information Networks for IT 1
- 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 2510</td>
<td>Programming Concepts</td>
<td>3</td>
</tr>
<tr>
<td>COT 3100</td>
<td>Introduction to Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td>PHY XXXX</td>
<td>Physics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prerequisite 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 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 Lab for IT 1
- COP 4703 Database Systems for IT 3
- EEL 4782 Computer Information Networks for IT 3
- EEL 4782L Information Networks for IT 1
- 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.

**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. 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 Current Topics 3
- IT Approved Elective 3

IT PROFESSIONAL CERTIFICATE

The prerequisites to enter the IT Professional Certificate program is a four year undergraduate degree plus the following:

1. STA 2023 Intro. To Statistics 3 hrs.
2. CGS xxxx Any Data Base 3 hrs.
3. COP 2xxx Computer Programming 3 hrs.
4. COP 2xxx OO Programming 3 hrs.
5. MAC xxxx Pre-Calculus 3 hrs.
6. xxxx Discrete Mathematics 3 hrs.

NOTE: The course numbers may be different depending on the university. IT advisors will make the determination whether or not the student has satisfied these requirements based on supportive material (such as catalog descriptions, official letters, etc.) supplied by the student.

After admission to the IT Professional Certificate program, the student must complete the following 30 hour program:

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

Total 30
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) 873-4002 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.

The campus mailing address is:
140 Seventh Avenue South
St. Petersburg, FL 33701
**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
Mission

USF St. Petersburg offers distinctive graduate and undergraduate programs in the arts and sciences, business, and education within a close knit, student-centered learning community that welcomes individuals from the region, state, nation and world. We conduct wide-ranging, collaborative research to meet society’s needs and engage in service projects and partnerships to enhance the university and community’s social, economic and intellectual life. As an integral and complementary part of a multi-campus university, USF St. Petersburg retains a separate identity and mission while contributing to and benefiting from the associations, cooperation, and shared resources of a premier national research university.

Values
• We value a collegial, inviting, and safe learning environment that stresses excellent teaching, encourages intellectual growth, and rewards academic achievement.
• We value an education rich in both theory and practical experience that enables our graduates to pursue careers and professions with competence and confidence.
• We value collaboration throughout the campus community in scholarship, research, and service.
• We value individuals, respect their diversity and varied perspectives, and insist on tolerance of divergent views.
• We value academic freedom and responsibility, creative expression, and the unfettered pursuit of truth.
• We value deliberative dialogue in making decisions and solving problems.
• We value shared governance and shared responsibility in the operation of the university and the allocation of its resources.
• We value honesty, integrity, and openness while promoting ethical behavior.
• We value lifelong learning and recognize our responsibility to contribute to civic well-being.
• We value longstanding, continuing partnerships that unite and benefit both the campus and community.
• We value efficient, trustworthy and able stewardship of our university.

Vision

Guided by its mission and values, USF St. Petersburg commits itself to leadership in education, research, and outreach on behalf of the people and communities it serves. USF St. Petersburg will develop academic programs known for excellence and distinctiveness that focus on interdisciplinary study, creativity, and exploration. We will provide the means and environment to ensure that our graduates acquire the skills and aptitudes for lifelong learning and achievement. USF St. Petersburg will move aggressively and strategically to enhance existing academic programs and anticipate and address future needs by developing new initiatives determined by community-based educational priorities.

Our vision includes:
• Graduate and undergraduate degree programs known for accomplishing defined learning outcomes that strive to meet the highest of academic standards
• Academic, student, and support operations that are caring, personal, and service-oriented
• Enhanced opportunities for community-based research, service, and learning
• Increased external support for scholarships, grants, and academic initiatives
• First-class, up-to-date learning facilities and technology
• Campus and community participation in decision-making and planning
• Strengthen governance structures and processes, achieve academic autonomy, and earn separate institutional and program accreditations that signify the campus meets the highest standards of higher education.
• Establish a national and international academic reputation by developing distinctive programs; by enhancing established, existing academic programs; and by establishing new initiatives based on educational priorities.
• Create a campus life that challenges, supports, and encourages student involvement in activities and programs that will enrich and enhance students’ university experience and empower them for lifelong success.
• Promote, strengthen, and support research as a pathway to learning, discovery, solving problems, and contributing to the public good.
• Create a campus culture that in its composition, attitudes and actions, respects, encourages, and embodies diversity.
• Increase the enrollment of students with the credentials and commitment to excel and provide them with the instructional support and services to allow them to realize their fullest potential.
• Provide for new and enhanced facilities and technology that support the campus’s mission and that advance teaching, learning, and discovery.
• Increase individual, corporate, and foundation support to accomplish strategic goals for the benefit of both students and the community.

Goals

• We value efficient, trustworthy and able stewardship of our resources.
• We value longstanding, continuing partnerships that unite and benefit both the campus and community.
• 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.

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 St. Petersburg. 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) 873-4990) 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 requirements, or CLAST should contact the Coordinator of Student Disability Services. Students with declared majors requesting substitution of departmental graduation requirements will need to contact the chair of their department. In either case, students will be requested to submit documentation to support their requests for exceptions.

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

Students with disabilities are encouraged to participate fully in all University events, programs, and other campus activities. Information on whom to contact to request accommodation or assistance should be listed on program information and advertisements. 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) 873-4990
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 identify applicants whose academic background indicates potential for success at USF St. Petersburg; however, satisfaction of minimum admission requirements does not guarantee acceptance. The admission of new students at all levels is made on a selective basis within curricular, space, and fiscal limita-
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 from school guidance offices. The SUS International Student Application for Admission, as well as the SUS Application, may be requested by 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).

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 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 Admissions & Records. A new application and fee must be submitted when applicants wish to be considered for admission for a term that begins more than 12 months after the originally requested entry term.
An applicant who requests a new entry term must meet the admissions requirements in effect for the new term requested. Entry for some programs is limited to specified terms.

**GENERAL ADMISSION POLICIES**

**Transcripts and other admission documents**
All official transcripts, test scores, and any other required credentials must be received directly from the issuing agencies. It is the applicant’s responsibility to initiate the request for credentials to the issuing agencies and to assure their receipt by the USF St. Petersburg Office of Admissions & Records. (See “Minimum Requirements for Admission” below for information concerning required documentation.)

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

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

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

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

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

Freshman and undergraduate transfer applicants denied admission to USF as degree-seeking students will not be permitted to enroll as non-degree-seeking (special) students.

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

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

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

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

**Required Summer Term Attendance**
All students entering the University with fewer than 60 semester hours of college level academic work are required to earn at least 9 semester hours during one or more Summer terms prior to graduation. This requirement may be waived for students who earn a minimum of 9 credits through accelerated mechanisms (Advanced Placement, Advanced International Certificate of Education, CLEP, International Baccalaureate and 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**
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 certificate or a baccalaureate degree from any Florida public institution.

The State Board of Education has established minimum CLAST score standards for awarding the Associate in Arts certificate and for the baccalaureate degree after October 1, 1002 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 60 semester hours, the student may not register for classes until he/she has met with an academic advisor and chosen a course or method of preparation to remediate content covered in the failed subtest(s). 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. Students seeking information regarding appropriate CLAST preparatory options should schedule an appointment with their academic advisor by calling 727-873-4511.

**CLAST Exemptions and Waivers**
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 that prevents the student from achieving the skills set forth in SBE 6A-10.0316 (consult with Academic Support and accommodation for Students with Disabilities, TER 200); or
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 four times and successfully completing a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to the student’s CLAST Advisor. A list of approved courses to satisfy this requirement is available elsewhere on this web site.
Student who have already earned a baccalaureate degree from a regionally-accredited institution are exempt from the CLAST requirement at USF. In addition, students who have earned an Associate of Arts certificate from a Florida public community college are exempt from the CLAST requirement at USF. An Associate of Science degree is not sufficient to exempt CLAST at USF.

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 (Rubeola) and RUBELLA (German Measles). (See Immunization Policy.)

Limited Access Programs
Undergraduates seeking entrance to quota/limited access degree programs must meet special program requirements in addition to requirements for admission to the University. While many quota/limited access programs admit students only at the junior level, some programs admit students for the freshman or sophomore years. The admission criteria and procedures for quota/limited access programs at USF St. Petersburg furnish equal access to A.A. degree holders from Florida public community/junior colleges, transfers from other SUS institutions, and USF St. Petersburg students of equivalent status. Transfer applicants with 90 or more transferable semester hours who are seeking admission to quota/limited access programs must meet the grade point average requirement specified by the program to be eligible for admission to USF St. Petersburg.

USF has established the following undergraduate programs as quota/limited access: Mass Communications; all degree programs in the College of Business; all degree programs in the College of Education; and 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 ad-
mission 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 elective courses.
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 – 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 SATI or the EACT, then college preparatory work will be required
during the first term of enrollment at USF St. Petersburg:
SATI - 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 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 of Admissions.
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 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 associates 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 undergraduates;
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, without a course by course evaluation of the prior coursework, only from institutions that are accredited by one of the regional accrediting agencies/ commissions recognized by USF St. Petersburg.
USF St. Petersburg accepts transfer credits, without a course by course evaluation of the prior coursework, 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). Courses approved for transfer by the Statewide Course Numbering System (SCNS) from non-regionally accredited institutions will be considered for transfer credit the same as credits from regionally accredited institutions. 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 or on the transferable work completed at a non-regionally accredited institution as approved by SCNS. If all post-secondary work is from a non-regionally accredited school, not including SCNS approved coursework, 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 except that work specifically approved as part of the Bachelor of Science in Applied Science program or approved by the academic department of the student’s major.

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, an official high school transcript, official GED scores if applicable, official SAT or ACT scores, and a TOEFL score if applicable.
Lower-level transfer applicants must minimally meet the following requirements to be considered for admission in good standing; however, satisfying these minimum requirements does not guarantee admission:
1. Be in good standing with a minimum 2.0 GPA and eligible to return to the last regionally accredited institution attended as a degree-seeking student or a non-regionally accredited institution participating in the SCNS with SCNS approved transferable credits;
2. Have an overall “C” average (2.0 on a 4.0 scale) as calculated by USF St. Petersburg in all college-level courses acceptable for transfer credit to USF St. Petersburg. (In the calculation of the GPA, incomplete grades are computed as failures and course “repeats” are not forgiven when the courses are repeated at different institutions);
3. Satisfy 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. Board of Education rules and policies do not provide for local exceptions to these requirements); and
4. Complete (with passing grades) two years of the same foreign language in high school or 8 to 10 semester hours of
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 or a non-regionally accredited institution participating in the SCNS with SCNS approved transferable credits;
2. Have an overall “C” average as calculated by SUS St. Petersburg (2.0 on a 4.0 scale) in all college-level courses acceptable for transfer credit to SUS 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 SUS St. Petersburg entry as degree-seeking students may be admitted without the required foreign language study;
4. Meet the minimum grade point average required by the program if entering a quota/limited access program and transferring 90 or more semester hours;
5. Present a minimum score of 213 (computer-based test) or 550 (paper-based test) on the Test of English as a Foreign Language (TOEFL). The TOEFL requirement may be waived on an individual basis when appropriate alternative evidence of English language proficiency is presented in writing.

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 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 into the students’ upper-level programs on a par 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 toward the baccalaureate degree, exclusive of occupational courses and basic required physical education courses.
4. Credits that are part of the A.A. degree earned through articulated acceleration mechanisms, such as dual enrollment, international baccalaureate, early admission, advanced placement, and credit by exam, will be transferable to the state university.
5. As participants in the Statewide Course Numbering System, receiving institutions must accept all courses taken at the transfer institution if the courses at each institution have the same prefix and the same last three digits of the course number.
6. The University catalog in effect the year the A.A. degree student first enrolled at the community college will remain in effect for the student’s entire program, provided the student maintains continuous enrollment as defined in that catalog.
7. Once a student has completed the general education core and this fact is noted on the transcript, regardless of whether or not an A.A. degree is awarded, no other state university or community college to which the student may transfer can require additional courses to the general education core.

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

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

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

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 except for work that is specifically approved as part of the Bachelor of Science in Applied Science program or approved by the academic department of the student's major.

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's degree policy is involved. That same automatic transferability of credits applies to courses completed at non-regionally accredited institutions that have been specifically approved by the SCNS. Excluded are graduate courses, studio courses in art, internships, practica, and performing arts courses.

6. All undergraduate degree programs at USF require a minimum of 48 hours of upper-level work that would have been completed at a four-year college or university. 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 Preprofessional 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. A student must confer with his/her college advisor to determine the acceptability for his/her major. ROTC and military science taken prior to Fall 1975 are not acceptable for transfer credit.

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

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

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

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

14. A continuously enrolled USF 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:

- National Council on Classification and Accreditation
- 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 desirous of taking courses for self-enrichment, and senior citizens are examples of those eligible to utilize this enrollment method. Former USF undergraduate degree-seeking students may only enroll as non-degree-seeking students if they have completed their previous degree program or earned an equivalent degree at another institution. Should the latter be the case, an official transcript (referring to 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 this category will not qualify an applicant for admission as a degree-seeking student.

A non-degree-seeking student who has been dismissed from USF is not eligible for admission to USF St. Petersburg as a degree-seeking student at the undergraduate level. If extenuating circumstances contributed to the academic dismissal and the student meets 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 courses. 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, students less than 40 years of age must submit acceptable proof of immunity to rubella to the Student Health Service. Students born after December 31, 1956, must also submit proof of immunity to measles. (See Immunization Policy.)

Readmission (Former Students Returning)
A former student returning (FSR) is any degree-seeking undergraduate student who has not earned his/her degree, who has not been enrolled at USF in any of the last three terms, and who wishes to re-enroll in the University. Former students returning must be readmitted to the University. In order to be considered for readmission, a former student should file a new Application for Admission with the Office of Admissions & Records by the deadline indicated in the Academic Calendar for the term of requested re-entry. Applicants must submit a non-refundable $30.00 application fee. (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.

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, may enroll on a space available basis in certain undergraduate and graduate courses without paying fees. Academic credit is not awarded, examinations are not required, and grades are not given.

SPECIAL PROGRAMS
Honors Program
Superior students in all USFSP majors may avail themselves of Honors opportunities at USF St. Petersburg. The University Honors Four Year Track is designed for first-time-in-college students. University Honors Two Year Track is designed for transfer or upper-level students. These exciting experiences are grounded in the liberal arts tradition and intended for students regardless of major. The primary goals of University Honors are the development of critical thinking skills, an appre-
cipation of the liberal arts tradition, and the development of critical thinking. Students in the Honors Program are required to complete a senior honors thesis.

Potential University Honors students are actively recruited, but any interested student who feels that he/she is qualified may request admission. Students typically have 3.50 college GPAs and 1250 SAT or 29 ACT scores. Many scholarships are available for Honors students.

Students who successfully complete Honors and graduate with at least an overall GPA of 3.3 and a USF GPA of 3.3 shall be identified as Honors Graduates at Commencement as well as on their diplomas and transcripts.

The program involves our best and brightest students in challenging seminar courses with a strong orientation toward interdisciplinary perspectives on major issues and works.

They work closely with faculty members in planning, researching, and writing honors theses. The Honors Program gives students the opportunity to achieve scholastic distinction, and perfect their critical thinking skills and their oral and written expression.

For more information, contact USFSP Honor Program Director Dr. Thomas W. Smith at twsmith@stpt.usf.edu or at (727) 873-4583.

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 Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Programs).
2. Recognition of satisfactory performance on tests offered through the College Level Examination Program (see CLEP).
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.

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

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

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. The student who comes to Florida to enroll full-time in a Florida higher education institution as an out of state resident and continuously enrolls in a Florida institution will not normally meet the Florida residency requirement for in-state tuition regardless of the length of time enrolled.

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

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

6. **Intern 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. Effective July 1, 1997, the Intern Participation Certificate states that certificate holders are entitled to a waiver of only matriculation fees for a maximum of six (6) credit hours instruction during a single term. Certificates are valid for three years from the date of issuance.

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

   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 Deferral for VA Students**
   
   Students receiving VA educational benefits can request a tuition deferral one time per academic year. The request must be completed by the Friday of the first week of classes. The deferment date will be the same date as the financial aid deferment date.

9. **Florida Prepaid College Program**
   
   Students who are eligible to receive benefits under this program are responsible for the local portion of fees. For 2007/2008 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 Cashiers Office, BAY 132.

10. **Mailed Payments**
    
    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 University unpaid. Dishonored fee payment checks must be redeemed within 10 calendar days to avoid cancellation of a student’s current registration. A $100.00 late payment fee and a $25.00 administrative charge will be assessed on any registration check returned unpaid to the University.

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

The following refunds, less deductions for unpaid debts to the University, are authorized. A Refund Request form must be completed and presented to the Cashier’s Office, BAY 132, to initiate the refund process. A two-week waiting period is observed for each refund to be sure checks have cleared.
100% of registration fees and tuition will be refunded if notice of withdrawal from the University is approved prior to the end of the first term of the second period of the term (except in 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 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
Effecctive 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 following 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.

Students who receive financial aid and subsequently change their enrollment status resulting in a refund in accordance with this subsection may have all or a portion of their refund returned to the University’s financial aid programs in accordance with the Financial Aid Policy on Refunds and Repayments.

Payment of Accounts Due the University
Charges against students for loss or breakage of University equipment, books, fines and other charges are due immediately. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration or release of transcript, diploma, or grades for any student whose account with the University is delinquent. Payments should be brought to the Cashier’s Office, BAY 132, by the appropriate deadline.

Financial Aid
Location/Phone: USF St. Petersburg: BAY 105, (727) USF-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.stpt.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.stpt.usf.edu/finaid and via OASIS: http://www.stpt.usf.edu/sp_oasis/index.htm.

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.

Scholarships
Scholarships are administered by a number of different offices within the University. Links to all scholarships can be found on the USF St. Petersburg Office of Financial Aid webpage.

Admissions Scholarships
Every student who applies for admission to the University of South Florida St. Petersburg is automatically considered for 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.

Financial Aid Scholarships
The USF St. Petersburg Office of Financial Aid also administers a variety of scholarships based on Academic Merit and Financial Need. The 2007-2008 USF St. Petersburg Scholarship Application, deadline, and listing is available on our webpage.

Departmental Scholarships
The individual colleges of USF (the College of Arts & Sciences, the College of Business, and the College of Education) administer some scholarships directly through the Dean’s Office in each college. Links to these departments can be found on the Office of Financial Aid webpage.
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) 873-4140
- USFSP Victim Advocate: (727) 873-4129
- Pinellas County Rape Crisis Line: (727) 530-7233
- Domestic Violence Crisis Line: (727) 898-3671
- 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.spt.usf.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 is to encourage academic excellence and to help students achieve their educational goals. Through individual and small group tutoring, academic counseling, workshops, seminars, and credit courses, the ASC helps students improve their learning skills, become self-directed learners and succeed at USF St. Petersburg and in their future studies.

**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
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 Pinellas County high school 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.

**Academic Success Center Hours of Operation**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Monday - Thursday</td>
<td>8 a.m. - 9 p.m.</td>
</tr>
<tr>
<td>Friday</td>
<td>8 a.m. - 5 p.m.</td>
</tr>
<tr>
<td>Saturday</td>
<td>9 a.m. - 2 p.m.</td>
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</tbody>
</table>

#### 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 purchased by mail at the following address:

- Parking Services
- USF St. Petersburg
- 140 Seventh Avenue South
- St. Petersburg, FL 33701
- Phone (727) 873-4632
- http://www.stpt.usf.edu/success

**How can I get help when I have a problem with a vehicle?**

- Low Tire? Keys locked in car? Need to jump-start your car? You can call Parking Services at 553-4480 Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday 8:00 a.m. to 5:00 p.m. (except holidays). You can call Campus Police at 553-4140 after hours and on weekends.
- The Department of Public Safety and Parking Services Department provide these services to our campus community free of charge.

**Need an escort to your car?**

Call Campus Police at 553-4140 for evening escort to your vehicle.

**What happens if you get a parking ticket?**

Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, or altering a parking ticket is a serious offense.

### Workshops and Seminars

Workshop schedules are developed each semester and include the following topics:

<table>
<thead>
<tr>
<th>Time Management</th>
<th>Overcoming Procrastination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategies for Achievement</td>
<td>Motivation and Personal Power</td>
</tr>
<tr>
<td>Learning from Lectures</td>
<td>Learning from Textbooks</td>
</tr>
<tr>
<td>Understanding Your Learning Style</td>
<td>Preparing for Exams</td>
</tr>
<tr>
<td>Test Anxiety</td>
<td>Math Anxiety</td>
</tr>
</tbody>
</table>

### 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 Learning 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, call the Academic Success Center, 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

### SAT Preparation Program

The Center offers Pinellas County high school 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.

**Academic Success Center Hours of Operation**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Monday - Thursday</td>
<td>8 a.m. - 9 p.m.</td>
</tr>
<tr>
<td>Friday</td>
<td>8 a.m. - 5 p.m.</td>
</tr>
<tr>
<td>Saturday</td>
<td>9 a.m. - 2 p.m.</td>
</tr>
</tbody>
</table>

#### 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 purchased by mail at the following address:

- Parking Services
- USF St. Petersburg
- 140 Seventh Avenue South
- BAY 132
- St. Petersburg, FL 33701

**How can I get help when I have a problem with a vehicle?**

- Low Tire? Keys locked in car? Need to jump-start your car? You can call Parking Services at 553-4480 Monday through Thursday from 8:00 a.m. to 6:00 p.m. and Friday 8:00 a.m. to 5:00 p.m. (except holidays). You can call Campus Police at 553-4140 after hours and on weekends.
- The Department of Public Safety and Parking Services Department provide these services to our campus community free of charge.

**Need an escort to your car?**

Call Campus Police at 553-4140 for evening escort to your vehicle.

**What happens if you get a parking ticket?**

Parking regulations are designed to provide safe and orderly parking. Violation of these regulations can result in parking citations, immobilization of your vehicle, towing, or loss of parking privileges. Creating, modifying, or altering a parking ticket is a serious offense.
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 220,000 books and approximately 800 periodicals are cataloged and arranged on open shelves using the Library of Congress classification system. A valid USF St. Petersburg ID card (available through Poynter Library’s Media Services) is required to check out materials and to access various library services. Circulation, interlibrary loan, and other library guidelines and procedures are posted on the library web site: www.nelson.usf.edu.

A USF St. Petersburg ID number also provides remote access to the USF Libraries’ electronic resources. This electronic library features USF’s online catalog and interlibrary loan service, over 3,000 electronic journals, hundreds of databases, and digitized historical materials such as photographs, documents, and oral histories. Numerous library services such as interlibrary loan request forms, the ability to renew materials, and reference assistance requests are also available online. Through the online catalog and interlibrary loan services, students and faculty have access to all six libraries within the USF Library System, a combined collection of over 1,500,000 volumes. Catalogs of other state university libraries are also available. More information about the USF Libraries’ online resources is available at the World Wide Web at www.lib.usf.edu.

Office of Campus Computing

Web Site: http://www.stp.usf.edu/docs/lab/index.html
Student Helpdesk: BAY 228, phone: (727) 873-4551
USF St. Petersburg Open-Use Computer Lab: BAY 226, phone: (727) 873-4551
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 communication services. The St. Petersburg Regional Data Center (SPRDAC) and Campus Computing Services (CCS) are part of the Office of Campus Computing and support these functions. The Office of Campus Computing is also involved in the planning and implementation of the information technology necessary to support the evolution of USF as a major research institution and the development of academic programs that require technology.

Campus Computing Services (CCS) provides services in direct support of instruction and research for students and faculty. CCS provides the resources and support necessary for faculty to bring technology into the classroom. Student support services are provided through the CCS Help Desk and open-use computer labs. Walk-in assistance for computer questions is available. All USF St. Petersburg students are provided with a NetID and email account. Registered students can obtain automatically generated NetID and email accounts and passwords at https://una.acomp.usf.edu.

Desktop computers, printers, and other associated equipment are maintained in open-use computer labs at USF St. Petersburg to enable students, faculty, and staff access to the network and provide processing support. Other services include phone support, on-line help, and tutorials. The open-use computer labs provide significant hours of access, normally six days (72 hours) a week.

Classroom Technology Resources (CTR), a division of Campus Computing Services, was established to support the computer technology needs of USF St. Petersburg faculty and students in a classroom setting. CTR provides the computing resources necessary for instructors to enhance the learning experience of all USF St. Petersburg students. Each campus classroom is equipped with adjustable lighting, an Internet connected Dell Optiplex computer with CD/DVD, Microsoft

Questions?

Additional information may be obtained by calling 553-4480 or by visiting the Parking Services website: http://www.stp.usf.edu/parking_services

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Office and Internet Explorer, a VCR, and a large screen multimedia presentation monitor.

The St. Petersburg Regional Data Center (SPRDAC) is a division within the Office of Campus Computing, and its support staff consists of Systems and Network Support, Hardware Repair and the SPRDAC Computer Store. SPRDAC operates as a computing utility, and provides the primary computing support for USF St. Petersburg and other agencies. SPRDAC administers the servers that are home to USF St. Petersburg Web services, telephone services, voice mail, applications software, print services, faculty/staff file storage, and administrative applications. For more information see http://www.sptp.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
- Trane energy management to the campus community.

SPRDAC is also responsible for the management and operation of STPnet, the campus-wide Backbone Network providing access to research facilities on campus and the world. STPnet is based on Ethernet technology, and SPRDAC is responsible for monitoring, cabling and its design. This switched network operates at speeds of over one billion bits per second and provides the infrastructure to transport vast amounts of information, voice, graphics and video needed to achieve institutional goals and position USF St. Petersburg as a major research institution.

The SPRDAC Computer Store was formed within the Office of Campus Computing as the authorized Dell reseller for USF St. Petersburg and provides 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. Semesters begin in August and January with Summer Sessions beginning in May and June. See Academic Calendar for appropriate dates.

Academic Load

The maximum load of an undergraduate student is 18 hours (Fall & Spring semesters) and 14 hours (Summer Term) unless approval is received from the dean or an authorized representative of the student’s college. Students classified as Undecided must receive approval from the 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 of Credit under Admissions and Related Matters).

USF subscribes fully to all of the provisions of the statewide Articulation Agreement (Rule 6A-10.024) and strongly recommends that students complete the Associate of Arts degree, or in certain prior approved areas, the Associate of Science degree, before transferring. Special details for students who do not plan to complete the associate'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 credit taken at regionally-accredited institutions since last enrolled at USF. The college of the student’s major will determine which courses are applicable for his/her major. In some instances, exact course equivalents will also be determined by other colleges that offer the same or similar course(s) as a part of their programs of study.

Continuously Enrolled Degree-Seeking Student

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

Registration for Admitted Degree-Seeking Students

Continuing degree-seeking students register by appointment for their next semester’s courses during the preceding term, either by 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 return-
Students returning receive orientation information by calling (727) 873-4142.

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." 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:

Office of Admissions and Records
University of South Florida St. Petersburg
140 Seventh Avenue South, BAY 102
St. Petersburg, FL 33701-5016
Admissions & Records Fax: (727) 873-4525
Telephone: (727) 873-4142

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 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 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) 873-4142.

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 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.

Academic Advising for Undergraduate Students

USF St. Petersburg seeks to guide all students in selecting programs and courses best suited to their personal abilities, educational interests, and career objectives. Students who have been admitted to the University should meet regularly by appointment, with their Academic Adviser in the Academic Advising Center located in Davis Hall 134. This Center also serves as an initial point of contact for non-admitted, prospective, and/or non-degree seeking students who need information about the University's academic structure.

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

It is necessary that all students meet with their academic 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 educational 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 majors as juniors and to allow graduation on a timely basis.

It clearly is 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) curricula 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. 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 imply 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 prior to the student 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.

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 may be used by professors to drop students who do not attend the first day of class. Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement. Students who add courses or late-register during the first week of classes will not be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor.

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

General Attendance

Only officially registered students or students approved to audit a class are entitled to attend class. Students are responsible for being aware of all instructor-based and University issued attendance policies and the requirements of the registrar for enrollment, drop/add and fee liability. Students are responsible for completing the academic requirements of each class as defined by the instructor and as set forth in any class syllabus. An instructor may make attendance mandatory and may impose penalties, including failing a class, for excessive absences. It is university policy that student absences will be excused for military duty, jury duty, and religious days (as set forth in University policy 10-045). Excused absences for other documented reasons may be allowed at the discretion of the instructor. Though excused, the student is responsible for completing all academic work, examinations, assignments and labs in a timely fashion.

Jury Duty

The University respects the need for all citizens to serve on a jury when called to duty. If a student serves as a juror, class absences will be considered excused when the student provides advance notice to the instructor, the instructor acknowledges the request, and the student provides written verification of jury selection and proof of service. It is important to note that excused absence only applies to physical presence, and not to the academic work missed. A student, though excused, is responsible for all academic work, examinations, assignments and labs if applicable. These issues are unique to University students and clearly may present undue hardship for a student to serve while enrolled in an active course of study. Any potential student juror may notify the court of conflicts or undue hardship and request an excuse from service. The individual student must make the decision as to whether jury service will present an undue hardship and then take the affirmative action to request to be excused from service and may need to provide a written explanation to the court. If a student does not request an excused juror and is selected to serve, the student may miss a prolonged period of time resulting in the inability to complete the academic requirements of classes.

Religious Days

The University has an official Attendance Policy for the Observance of Religious Days (University policy 10-045) which provides that all students, faculty, and staff at the University...
Students are expected to attend classes and take examinations as determined by the University. The University will, at the beginning of each academic term, provide written notice of the class schedule and formal examination periods. The University, through its faculty, will make every attempt to schedule required classes and examinations in view of customarily observed religious holidays of those religious groups or communities comprising the University's constituency. No student shall be compelled to attend class or sit for an examination at a day or time prohibited by his or her religious belief.

Students are expected to notify their instructors at the beginning of each academic term or as provided in the course syllabus if they intend to be absent for a class or announced examination, in accordance with this policy. Students absent for religious reasons will be given reasonable opportunities to make up any work missed in the event that a student is absent for religious reasons on a day when the instructor collects work or assigns a test, he/she may do so; however, the work averaged into the student's grade at the discretion of the instructor. Any student who believes that he or she has been treated unfairly with regard to the above may seek review of a complaint through established University Academic Grievance Procedures (found in the Graduate and Undergraduate Catalogs) and those provided by the University's Office of Diversity and Equal Opportunity.

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.stp.usf.edu. Click on "Class Schedule Search."

Add
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.

Drop
A student may drop a course(s) during the regular registration and drop/add periods (first five days of classes). No entry of the course(s) will appear on any permanent academic records and full refund of fees is due for course(s) dropped within those periods. A student may also drop a course(s) between the second and tenth week of the semester (except for Summer sessions - see 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 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 of course, death of a 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.

The student must fill out a Fee Adjustment Request Form and indicate the request is for a waiver of the repeat course surcharge. He/she must also submit a statement that explains the request and provide all documentation relating to it. The completed form with documentation should be submitted to the Office of Admissions & Records for consideration. If a student’s request is denied, he/she may appeal the decision to the Office of the Dean of Enrollment Services.

Transcript Information
Transcripts of a student's USF academic record may be released only by authorization of the student online at http://useadmin.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
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.

The CLAST requirement is considered met for any student entering the university with an A.A. from a Florida public college or university or a baccalaureate degree from a regionally accredited or comparable international institution.

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 60 semester hours, the student may not register for classes until he/she has visited the following USF website: http://www.ugs.usf.edu/student/CLAST/index.htm. 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. Students seeking information regarding appropriate CLAST preparatory options should schedule an appointment with their academic advisor by calling 727-873-4511. 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. A maximum of four hours of credit earned through AP, IB, CLEP or other acceptable equivalency programs may be used toward qualification for each CLAST exemption.

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 (consisting 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. After failing a CLAST subtest four times and successfully completing a specific three-hour course related to the failed subtest, a student may apply for a waiver by submitting appropriate documentation to the student’s college CLAST coordinator. A list of approved courses to satisfy this requirement is available at http://www.ugs.usf.edu/student/clast/index.htm.

Courses to Satisfy Rule 6A-10.030 (“Gordon Rule”)

Prior to receipt of an Associate in 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, ad-
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 4
AML 3604 African American Literature 3
AML 4303 Zora Neale Hurston: Major Works 3
AML 4624 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 4
ARH 4721C History of Printmaking 4
ARH 4724 History of Graphic Design 4
ARH 4800 Critical Studies in Art History 4
CHM 4070 Historical Perspectives in Chemistry 3
CIS 4250 Ethical Issues and Professional Conduct 3
CIS 4253 IT Ethics 3
CLL 3501 Women in Antiquity 3
CLL 3103 Greek Literature in Translation 3
CLL 3123 Roman Literature in Translation 3
COM 4020 Communicating Illness, Grief, and Loss 3
COM 4030 Women and Communication 3
COM 4070 Writing Lives 3
CRW 2100 Narration and Description 3
CRW 3111 Form and Technique of Fiction 3
CRW 3112 Fiction I 3
CRW 3121 Fiction II 3
CRW 3210 Introduction to Dance 3
CRW 3134 Dance History Through the 19th Century 3
EDF 3228 Human Behavior and Environmental Selection 3
EEC 4008 Literature in Early Childhood Education 3
EEC 4742 Narrative Perspectives on Exceptionality: Cultural and Ethical Issues 3
EIN 4243C Human Factors 3
ENC 1101 Composition I 3
ENC 1102 Composition II 3
ENC 1121 Composition I: Honors 3
ENC 1122 Composition II: Honors 3
ENC 2210 Technical Writing 3
ENC 335 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
GEA 3405 Geography of Latin America 4
GEA 3500 Geography of Europe 4
GEO 4372 Global Conservation 4
HIS 4936 Pro-Seminar in History 4
HUM 4931 Seminar in Humanities 4
IDS 3113 Values and Choices 3
IDS 3666 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 2041 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 3486 British and American Literature by Women 3
MUL 2111 Introduction To Music Literature 3
MUL 3121 Theoretical Foundations and Professional Role Development 3
MUL 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 3900 Introduction to Philosophy 3
PHH 4600 Contemporary Philosophy 3
PHH 4700 American Philosophy 3
PHI 1403 Science and Society 3
PHI 3700 Philosophy of Religion 3
PHI 4300 Theory of Knowledge 3
PHI 4320 Philosophy of Mind 3
PHI 4800 Aesthetics 3
PHM 3100 Social Philosophy 3
PHM 4331 Modern Political Philosophy 3
PHM 4340 Contemporary Political Philosophy 3
PHM 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 4323 Women and Politics 3
REL 3111 The Religious Quest in Contemporary Films 3
REL 3114 Comedy, Tragedy, and Religion 3
REL 3145 Women and Religion 3
REL 3170 Religion, Ethics and Society Through Film 3
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 4863 Science, Technology, Society Interaction 4
SPC 3425 Group Communication 3
SPC 4305 Communicating Emotions 3
SPC 4532 Rhetoric and Social Change 3
SYA 3310 Qualitative Inquiry 4
SYG 3235 Latina 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 Comedies 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 4311 Twentieth-Century Russian Literature in English 3

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

Computation (6 semester hours)

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

Course Number and Title
CGS 2060 SC Introduction to Computers and Programming in Basic (3)
PHI 2101 Introduction to Formal Logic (3)
PSY 3204 Psychological Statistics (3)
QMB 2100 Business And Economic Statistics I (3)
STA 1022 Basic Statistics (3)
STA 2122 Social Science Statistics (3)

Note that CGS 2060 will not satisfy the USF General Education Quantitative Methods requirement. CLEP general/subject examinations in mathematics, calculus, college algebra, college algebra-trigonometry, and trigonometry may satisfy this requirement.

Grades, Financial Aid Requirements, and Review Procedures

The University is interested in each student making reasonable progress toward 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.

Grading System

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

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Plus/Minus Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td></td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
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<tr>
<td>B+</td>
<td>Good</td>
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<tr>
<td>B</td>
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<tr>
<td>B-</td>
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<td>2.67</td>
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<tr>
<td>C+</td>
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<td>C-</td>
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<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
F 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 course.
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 in residence, any change to “IF” grades will be calculated in the cumulative GPA and, if applicable, the student will be placed on appropriate probation or academically dismissed. Students are not required to re-register for courses in which they are only completing previous course requirements to change an “I” grade. However, if a student wants to audit a course for review in order to complete course requirements, full fees must be paid.

“M” Grade Policy

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

S/U Grade System

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

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

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

Mechanism for Assigning S/U Grades. The method by which a student receives an “S” or “U” grade in an option course will consist of the following:

1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the college. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he/she wishes to implement grade forgiveness. If the student elects to have the course repeated, the original grade will be removed by the end of the next semester/term and the student's final grade will be annotated with “E” to indicate that the course has subsequently been repeated and the original grade is 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, 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 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 “E” to indicate that the course has subsequently been repeated and the original grade is not computed in the GPA.
   e. Individual colleges may have further restrictions; therefore, the student should consult with his/her college.
This policy is applicable to undergraduate and non-degree-seeking students only, and applies to 1000-to-5000-level courses. Once students have been awarded a bachelor’s degree from USF, they may not repeat a course and be forgiven the original grade, taken prior to graduation.

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

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

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

Academic Probation and Academic Dismissal for Undergraduate Students
The first time the academic record of an undergraduate or non-degree-seeking student falls below a cumulative 2.00 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 from all classes after the fifth day of classes while on Academic Probation will be placed on Final Academic Probation (AP) his/her first term with the above rules related to Final Academic Probation and Academic Dismissal applying. Any student who withdraws from all classes 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 unless the student withdrawal is based on extenuating circumstances and the withdrawal is approved.

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 considered in good standing if, 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. degree 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 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
USFSP 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. USFSP 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.

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 might be successful given a new opportunity. Normally, such students will have been engaged in successful non-academic activities such as work or the military for 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* and they may be excluded from admission to limited access programs. Further, students who exercise the Academic Renewal policy will not be considered for University Honors at graduation unless they meet the criteria using all grades earned.

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

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

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

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

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

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
<th>Hours</th>
</tr>
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<tr>
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<tr>
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<table>
<thead>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>5B</td>
<td>Baccalaureate degree-holder working on a second undergraduate program or degree</td>
</tr>
<tr>
<td>6M</td>
<td>Graduate student admitted to Master’s Degree Program</td>
</tr>
<tr>
<td>6A</td>
<td>Graduate student admitted to Specialist Degree Program</td>
</tr>
<tr>
<td>6C</td>
<td>Admitted to Candidacy</td>
</tr>
<tr>
<td>6D</td>
<td>Graduate student admitted to a Doctoral Degree Program</td>
</tr>
<tr>
<td>7A-7D</td>
<td>1st-4th year professional program (M.D.) or post-doctoral status</td>
</tr>
</tbody>
</table>

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 com-
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 change a student’s grade if it is determined at the conclusion of the grievance process that the grade given was incorrect. In considering grievances, decisions 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.

II. Terms and Guidelines - An “academic grievance” is a claim that a specific academic decision or action affects 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 to waive academic deadlines.

“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.

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 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 that effect 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.
V. Resolution at the University 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) 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 and two students 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 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/Graduate Dean, the Dean of Undergraduate 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 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 the 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 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 supersede 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

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

a. Plagiarism comes 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 outright theft.

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

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

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

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 indicating remorse, understanding of the seriousness of this 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
Hearings

Disruption of Academic Process

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 or tests and other exam materials, or other graded assignments, or the dissemination of such materials, or the manipulation of recorded grades in a grade book or other class records, the student, if enrolled in the course, may receive an “F” or “FF” in the course and may be expelled from the University.

e. It is suggested that students who 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) 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 English Composition requirement, but they will still need to complete ENC 1102 or its equivalent. To satisfy the Gordon Rule, students must earn a letter grade of “C-” or better in each of these courses.

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

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

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

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

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

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

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

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

All courses listed are certified as meeting the General Education requirement as of November, 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**

<table>
<thead>
<tr>
<th>ENGLISH COMPOSITON</th>
<th>MGF 1107 Mathematics for Liberals -6A</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 Composition I -6A</td>
<td>MGF 311 Chaos and Fractals -6A</td>
<td>3</td>
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<tr>
<td>ENC 1102 Composition II -6A</td>
<td>MGF 3301 Bridge to Abstract Mathematics -6A</td>
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</tr>
<tr>
<td>ENC 1121 Composition I: Honors -6A</td>
<td>PHI 2101 Introduction to Formal Logic -6A</td>
<td>3</td>
</tr>
<tr>
<td>ENC 1122 Composition II: Honors -6A</td>
<td>PSY 3204 Psychological Statistics -6A</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>QMB 2100 Business And Economic Statistics I -6A</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105 College Algebra -6A</td>
<td>STA 1022 Basic Statistics -6A</td>
<td>3</td>
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<tr>
<td>MAC 1140 Precalculus Algebra -6A</td>
<td>STA 2023 Introductory Statistics I -6A</td>
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<tr>
<td>MAC 1147 Precalculus Algebra and Trigonometry -6A</td>
<td>STA 2122 Social Science Statistics -6A</td>
<td>3</td>
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<td>MAC 2233 Business Calculus -6A</td>
<td>STS 1101 Introduction to Social Science</td>
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<tr>
<td>MAC 2241 Life Sciences Calculus I -6A</td>
<td>STS 2101 Introduction to Social Science</td>
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<tr>
<td>MAC 2242 Life Sciences Calculus II -6A</td>
<td>STS 3101 Introduction to Social Science</td>
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<tr>
<td>MAC 2231 Engineering Calculus I -6A</td>
<td>STS 4101 Introduction to Social Science</td>
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<td>MAC 2282 Engineering Calculus II -6A</td>
<td>STS 5101 Introduction to Social Science</td>
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<td>MAC 2311 Calculus I -6A</td>
<td>STS 6101 Introduction to Social Science</td>
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<tr>
<td>MAC 2312 Calculus II -6A</td>
<td>STS 7101 Introduction to Social Science</td>
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<tr>
<td>MGF 1106 Finite Mathematics -6A</td>
<td>STS 8101 Introduction to Social Science</td>
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**Natural Sciences**

| ANT 2511 Biological Anthropology | 3 |
| ANT 2511L Biological Anthropology Laboratory | 1 |
| ANT 4566 Prehistoric Human Evolution | 3 |
| AST 2003 Astronomy of the Solar System | 4 |
| AST 2004 Stellar Astronomy and Cosmology | 4 |
| AST 3033 Contemporary Thinking in Astronomy | 3 |
| BMS 4402 Principles of Human Pharmacology | 3 |
| BSC 1005 Principles of Biology For Non-Majors | 3 |
| BSC 2010 Biology I - Cellular Processes | 3 |
| BSC 2011 Biology II - Diversity | 3 |
| BSC 2022 Biology of Aging | 3 |
| BSC 2025 Food: Personal and Global Perspectives | 3 |
| BSC 2030 Save The Planet: Environmental Sciences | 3 |
| BSC 2035 Sex and Today's World | 3 |
| BSC 2050 Environment | 3 |
| BSC 2085 Anatomy and Physiology I for Nursing and other Healthcare Professionals | 3 |
| BSC 2086 Anatomy and Physiology II for Nursing and other Healthcare Professionals | 3 |
| CHM 2023 Chemistry for Today | 4 |
| CHM 2045 General Chemistry I | 3 |
| CHM 2046 General Chemistry II | 3 |
| EVR 2001 Introduction to Environmental Science | 3 |
| EVR 2002 Environmental Science: Regional and Global Issues | 3 |
| EVR 4104 Karst Environments | 3 |
| EVR 4114 Climate Change | 3 |
| GEO 2200 Introduction to Physical Geography | 3 |
| GEO 2371 Introduction to Earth Systems Science | 3 |
| GEO 4244 Tropical Meteorology | 4 |
| GEO 4284 Water Resources Management | 4 |
| GLY 2000 Earth and Environmental Systems | 3 |
| GLY 2010 Dynamic Earth: Introduction to Physical Geology | 3 |
| GLY 2030 Hazards of the Earth's Surface: Environmental Geology | 3 |
| GLY 2050 Science, Earth and Life | 3 |
| GLY 2051 Origins: From the Big Bang to the Ice Age | 3 |
| GLY 2100 History of the Earth and Life | 3 |
| GLY 2160 Geology of the National Parks | 3 |
| HSC 3541 Human Structure and Function | 3 |
| HSC 4504 Foundations of Public Health Immunology | 3 |
| ISC 1004 Integrated Natural Sciences I: Science that Matters | 3 |
| ISC 1005 Integrated Natural Sciences II: Science that Matters | 3 |
| OCE 2001 Introduction to Oceanography | 3 |
| PHI 1401 Science and Society -6A | 3 |
| PHY 2020 Conceptual Physics | 3 |
| PHY 2048 General Physics I | 3 |
| PHY 2049 General Physics II | 3 |
| PHY 2053 General Physics I | 3 |
| PHY 2054 General Physics II | 3 |
| PHY 2055 Materials Physics | 3 |
| PHZ 2515 Energy and Humanity | 3 |

**SociaL Sciences**

<p>| AFA 4150 Africa and the United States -6A | 3 |
| AFS 3251 Environmental - Cultural Study in Africa | 3 |
| AMS 3301 Introduction to American Studies | 3 |
| AMS 3601 Material Culture and American Society | 3 |
| AMS 3700 Racism in American Society | 3 |</p>
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MUL 3001 Issues In Music 3
MUL 3012 Music In Your Life 3
THE 2005 Issues in Theatre 3
THE 2252 Great Performances on Film 3

ALABAMA

AFA 3000 Introduction to the Black Experience [In Africa and Its Diaspora] -6A 3
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
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
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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
EJS 3022 Russia 3
FRE 4392 African Images in Francophone Film 3
GEA 2000 World Regional Geography 4
GEY 3625 Sociocultural Aspects of Aging 3
GEY 4328 Health Care Operations 3
HUM 2271 Eastern and Western Culture from Antiquity to 1400 3
HUM 2273 Eastern and Western Culture Since 1400 3
INR 1015 World Perspective 3
INR 3084 International Terrorism 3
INR 4502 International Organizations 3
LAH 2020 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
MUH 2051 Folk And Traditional Music Of World Cultures 3
MUL 3001 Issues In Music 3
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REL 3333 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 3
WOH 3293 Islam in World History 4
WST 3015 Introduction to Women's Studies 3

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 Disciplinary Cluster" Liberal Arts Exit Courses). One of the Major Works and Major Issues courses, if taken outside the student’s major disciplinary cluster(s), may be taken for S/U credit with the consent of the instructor. Only courses numbered 3000 or above may be used to satisfy the exit requirements. Exit requirements must be 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 count exit courses 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.

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 coursework in reading and writing. These 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. The writing requirement may be satisfied with assignments that include, for instance, revision and process writing. The course may be taken within the major if appropriate. The courses will focus on the dimensions of values and ethics, international and environmental perspectives, race and ethnicity, and gender.

All students must achieve an overall average of "C" (2.0 GPA) in the lower level requirements and a grade of "C-" or better in each of the exit requirement courses.

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

All courses listed are certified as meeting the Exit requirements 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

<p>| MAJOR WORKS AND MAJOR ISSUES |  |
|-----------------------------|--|---|
| AFA 4313 Black English 3 | Construction of the Americas 3 |
| AFA 4333 The African Diaspora: Blacks in the Americas 3 |
| AFA 4335 Black Women in America -6A |
| AFA 4350 African American Community Research 3 |
| AFA 4500 Slavery in the Americas and the Caribbean 3 |
| AFA 4502 Middle Passage 3 |
| AMS 4804 Major Ideas in America 3 |
| ANT 4149 Fantastic Archaeology 3 |
| ANT 4172 Historical Archaeology -6A |
| ANT 4241 Magic and Religion -6A |
| ANT 4302 Gender in Cross-Cultural Perspective 3 |
| ANT 4316 Ethnic Diversity in the United States 3 |
| ANT 4340 The Caribbean -6A |
| ANT 4401 Exploring Cross-Cultural Diversity 3 |
| ANT 4432 The Individual and Culture -6A |
| ARC 4784 The City -6A |
| ARH 3475C Contemporary Issues in Art 4 |
| ARH 4455 Modern Political Iconography 4 |
| ARH 4710 History of Photography -6A 4 |
| BSC 4057 Environmental Issues 3 |
| CGN 4122 Professional and Ethical Issues in Engineering 3 |
| CHM 4070 Historical Perspectives in Chemistry -6A |
| CIS 4250 Ethical Issues and Professional Conduct -6A 4 |
| CIS 4253 IT Ethics -6A |
| CLT 3103 Greek Literature in Translation -6A 3 |
| CLT 3123 Roman Literature in Translation -6A 3 |
| COM 4030 Women and Communication -6A 3 |
| CWR 4812 Capstone Water Resources/Environmental Design 4 |
| DAN 4135 20th Century Dance 3 |
| ECH 4615 Product and Process Design 3 |
| ECO 3703 International Economics 3 |
| ECO 4323 Radical Political Economy 3 |
| ECP 3201 Economics of Women and Work 3 |
| ECP 3302 Environmental Economics 3 |
| ECS 4003 Comparative Economic Systems 3 |
| ECS 4430 Economics of Latin America 3 |
| EDF 3228 Human Behavior and Environmental Selection -6A 3 |
| EDF 3514 History of Education in the United States 3 |
| EDF 3604 Social Foundations of Education 3 |
| EEL 4471 Electromagnetics 3 |
| EEL 4906 Professional Issues and Engineering Design 3 |
| EGN 4831 Technology and Society 3 |
| EIN 4891 Capstone Design 3 |
| EML 4551 Capstone Design 3 |
| ENV 4891 Capstone Environmental Engineering Design 3 |
| ESC 4705 Geology and Development of Modern Africa 3 |
| EVR 4027 Wetland Environments 3 |
| EVT 4651 Equity in Schools and the Workplace -6A 3 |
| FRE 3502 The Francophone World 3 |
| FRE 4392 African Images in Francophone Film 3 |
| FRT 3001 Great French Love Stories in Translation -6A 3 |
| FRT 3140 French Literary Masterpieces in English Translation -6A 3 |
| FRW 4100 The French Novel 3 |
| FRW 4101 Introduction to French Drama and Poetry 3 |
| GEB 4890 Strategic Management and Decision Making 3 |
| GEO 4372 Global Conservation -6A 4 |
| GEO 4471 Political Geography 4 |
| GEO 4604 Topics in Urban Geography 4 |
| GET 3103 German Literature in English Translation 3 |
| GET 3522 Fantastic Films of Early German Cinema 4 |
| GET 3524 German Popular Film 4 |
| GET 4523 New German Cinema to Present 4 |
| GEY 4327 Understanding Policies and Practices of Long Term Care 3 |
| GEY 4328 Health Care Operations 3 |</p>
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<tr>
<td>WST 4262</td>
<td>Literature by Women of Color in the Diaspora -6A</td>
<td></td>
</tr>
</tbody>
</table>

**“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.

<table>
<thead>
<tr>
<th>American Studies</th>
<th>Classics &amp; Classical Languages</th>
<th>Communication and Policy</th>
<th>Environmental Science and Policy</th>
<th>German</th>
<th>French</th>
<th>English</th>
<th>Humanities</th>
<th>Italian</th>
<th>Liberal Studies</th>
<th>Mass Communications</th>
<th>Philosophy</th>
<th>Religious Studies</th>
<th>Russian</th>
<th>Spanish</th>
</tr>
</thead>
</table>
| Disciplinary Cluster 2: Natural Sciences** - Students with majors in these programs must take at least one certified Liberal Arts Exit course in Clusters 2-8.

<table>
<thead>
<tr>
<th>Biology</th>
<th>Chemistry</th>
<th>Environmental Science</th>
<th>Geology</th>
<th>Microbiology</th>
<th>Geology</th>
<th>Microbiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interdisciplinary Natural Sciences</td>
<td>Sciences</td>
<td>Sciences</td>
<td>Geology</td>
<td>Microbiology</td>
<td>Geology</td>
<td>Microbiology</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Africana Studies</th>
<th>Anthropology</th>
<th>Communication Sciences</th>
<th>Criminology</th>
<th>Economics</th>
<th>Psychology</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>Interdisciplinary Social Sciences</td>
<td>Sciences</td>
<td>Political Science</td>
<td>Psychopathology</td>
<td>Social Work</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Accounting</th>
<th>Economics (Business)</th>
<th>Finance</th>
<th>General Business</th>
<th>Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Management</td>
<td>Systems</td>
<td>Management</td>
<td>Marketing</td>
<td>Administration</td>
</tr>
</tbody>
</table>

**Disciplinary Cluster 5: Engineering**

<table>
<thead>
<tr>
<th>Aerospace Engineering</th>
<th>Chemical Engineering</th>
<th>Civil Engineering</th>
<th>Computer Engineering</th>
<th>Electrical Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
<td>Engineering Science</td>
<td>Information Systems</td>
<td>Mechanical Engineering</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Art</th>
<th>Art History</th>
<th>Dance</th>
<th>Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music</td>
<td>Theatre</td>
<td>Dance</td>
<td>Theatre</td>
</tr>
</tbody>
</table>

**Disciplinary Cluster 7: Education**

<table>
<thead>
<tr>
<th>Early Childhood Education</th>
<th>Elementary Education</th>
<th>English Education</th>
<th>Foreign Languages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>Science Education</td>
<td>Social Studies Education</td>
<td>Varying Exceptionalities</td>
</tr>
</tbody>
</table>

**Disciplinary Cluster 8: Nursing**

<table>
<thead>
<tr>
<th>Nursing</th>
<th>Physical Therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Work</td>
<td>Social Work</td>
</tr>
</tbody>
</table>

**Freshman English Requirement**

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

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

2. First-time-enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test should attempt CLEP during their first nine (9) weeks. During this semester, they should not enroll in ENC 1101. If a student either fails or doesn’t attempt the CLEP examination during his/her first nine (9) weeks, the student normally should take ENC 1101 in the following semester. In this case, the student will normally complete the sequence by the first semester of his/her sophomore year. These policies do not apply to first-time-enrolled students who can meet the Freshman English requirement with credit transferred from another institution or those with appropriate AP or IB English credit.
Credit by Examination
A student who feels he/she has already acquired the basic content of a course on his/her approved schedule should inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and others may be offered within departments. Interested students should obtain additional information from their advisors or the Office of Evaluation and Testing.

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. Up to 15 semester hours may be completed following graduation.

In recognition that students seeking a second Bachelor's degree have completed a rigorous program of study at a regionally accredited or comparable international institution, some graduation requirements are considered met by virtue of their previous degree. These include: CLAST, Gordon Rule, Summer Enrollment, the Foreign Language Entrance Requirement, General Education and the Exit Requirements. Each degree program will determine degree applicability of transfer courses for the major.

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
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 to the individual. A student who wishes to have the rule waived must complete a "Request for Waiver of Mandatory Summer Enrollment Form" available in the Office of the Registrar. After submission of the form to the Office of the Registrar, the student will be notified by mail of the action taken.

Students are exempt from the summer requirement provided they have earned 9 or more credits from one of the acceleration mechanisms listed below prior to matriculation at an SUS institution. There is no provision for partial credit that would allow students to complete in summer enrollment only the difference in credits between the required 9 semester hours and the number of credits less than 9 that they completed prior to matriculation. (Approved acceleration mechanisms include: Advanced Placement, International Baccalaureate, Dual Credit, Early Admission, Advanced International Certificate of Education, and credit from the Florida Virtual School.)

The requirement may be fulfilled only by attending one of the universities in the State University System: University of South Florida, Florida Agricultural and Mechanical University, Florida Atlantic University, Florida Gulf Coast University, Florida International University, Florida State University, New College of Florida, University of Central Florida, University of Florida, University of North Florida and University of West Florida.

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

Spanish, French and American Sign Language classes are available on campus at USFSP. USFSP placement test dates are available online at http://www.stpt.usf.edu/coas/languages/Placement_test.htm

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, Economics, History, Interdisciplinary Social Sciences, Mass Communications, Political Science, Psychology, 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.)
Literature
Professional/Technical Writing
Environmental Science & Policy (ESP) (B.S.)
Geography (GPY) (B.A.)
History (HST) (B.A.)
Interdisciplinary Social Science (ISS) (B.A.)
Mass Communications (COM) (B.A.)
Journalism Sequence:
News Editorial
Magazine Writing
Visual Communications
Political Science (POL) (B.A.)
Psychology (PSY) (B.A.)

College of Business (B.A./B.S.option):
Accounting (ACC)
Economics (ECN)
Finance (FIN)
General Business (GBA)
Management Information Systems (ISM)
Management (MAN)
Marketing (MKT)

College of Education (B.A./B.S. option):
Elementary Education (BEE)
English Education (BEN)
Varying Exceptionalities (BVE)

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:

1. Identifies the expected core student learning outcomes for program graduates in the areas of:
   - Content/discipline knowledge and skills.
   - Communication 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 in on-campus USF undergraduate courses that will apply toward the second degree. The student must also meet the requirements of the college awarding the degree and the residency requirement.

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

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

Application for Graduation
In order to graduate, a student must submit an application for the bachelor’s degree or Associate of Arts certificate to Academic Advising. 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. Student 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.

The application for the bachelor’s degree is available on the Registrar’s website at <www.stp.usf.edu/admissions/forms.htm>. The application for an Associate of Arts certificate is available on the same web site.

The application must be certified (signed or stamped in the section, “Office Use Only”) by the Advising Center representative prior to the graduation application deadline. Inquiries concerning approval or denial of graduation should be made to the Academic Advising Center, DAV 134.

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 the college responsible for the minor on
the application; and
3. Have no "I" grade in required courses.

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

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

To award a thesis degree, all courses must be completed as described above and the thesis must be sufficiently complete to meet the requirements for the degree. The thesis may be completed posthumously by the student’s family or another person designated by the student. The thesis must be submitted to the respective dean of the college for approval. 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 and the recommendation to the respective dean of the college. When 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.

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 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 3.90 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).

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 at USF; the minimum grade point average must be 2.0 based on work attempted at USF; in addition, a transfer student must have a GPA of 2.0 or higher when combined with transfer work accepted and evaluated by the USF St. Petersburg Office of Admissions & Records; and the General Education Requirements of USF. St. Petersburg must be satisfied. Physical Education and military science courses 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 Registrar’s website <http://www.stpt.usf.edu/admissions/forms.htm> 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. University of Florida Correspondence Division credit will be included in the student’s USFSP grade point average. When the grades from USF sponsored student exchange program institutions are 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.

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 applying for the Associate of Arts Certificate, satisfactory/unsatisfactory grades will be accepted according to the approved University policy in effect during the term(s) 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 student 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 Certificate is posted on the permanent record but does not alter the calculation of the grade-point average; nor does it interrupt the accumulation of the student’s record.

12. Students who follow a baccalaureate degree program as recommended by a college will not necessarily be eligible for the Associate of Arts certificate prior to the completion of 90 semester hours.

Student Records Policy
Pursuant to the provisions of the Family Educational Rights and Privacy Act (“FERPA”; 20 USC Par. 1232g), 34 CFR Par. 99.1 et seq, Florida Statutes Sub. Par. 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
   University of South Florida St. Petersburg
   140 7th Avenue South, BAY 102
   St. Petersburg, FL 33701

Release of Student Information
Pursuant to requirements of the Family Educational Rights and Privacy Act (FERPA), the following types of information, designated by law as directory information, may be released via official media of USF St. Petersburg (according to USF St. Petersburg policy):
- Student name, local and permanent addresses, telephone listing, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards 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 the 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
   - 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.

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. Prospective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students. Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

Enrollment in Evening Courses

Evening courses at USF St. Petersburg are part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for day and evening courses are the same. See the University Class Schedule for evening registration dates and times.

State University System Correspondence Courses

The University of Florida's Department of Independent Study by Correspondence administers all correspondence instruction for Florida's State University System (SUS).

Over 150 college credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail or fax. In many cases, students also have the option to e-mail their assignments to the instructor. Enrollment in all courses is possible at any time of the year to be used toward a diploma or a degree.

For a free brochure, please contact: Department of Independent Study, 2209 NW 13th Street, Suite D, Gainesville, FL 32609-3498: (352) 392-1711, ext. 200; or e-mail: Learn@nervm.nerdc.ufl.edu. Be sure to check out the home page: http://www.doce.ufl.edu/indstudy.

USF St. Petersburg considers independent study by correspondence as resident credit. Grades are not transferable. Exception: grades for courses taken by Cooperative Education students while on a training period are transferred and will be used in computing the USF GPA.

International Affairs

Location/Phone: BAY 204 (727) 873-4067
Web site: http://www.stpt.usf.edu/international

Individuals 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 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 St. Petersburg embraces USF’s commitment to total student development – curricular, co-curricular, and extracurricular. Accordingly, the Division of Student Affairs is committed to the promotion of the balanced pursuit of students’ intellectual, physical, personal, social, cultural, moral, and leadership development. Student Affairs designs and implements services and programs that challenge, support, and encourage student growth, empowerment, and success. The Division’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 Regional Vice 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, Residential Life 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.

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) 873-4162
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. 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://www1.stpt.usf.edu/saffairs/studentserv/documents/Code_of_Conduc-FY06.pdf. 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) 873-4837
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) 873-4837, 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 professor for that semester. Each semester, a memorandum of accommodation will be prepared for each professor.

The cooperation of faculty in the implementation of accommodations is an essential feature of the institutional compliance with the Americans with Disabilities Act of 1990. Examination accommodations, the most frequently needed accommodations, are the responsibility of the faculty. This office provides accommodated examinations if the faculty are unable to do so. Faculty members will be provided guidelines for accessing exam accommodations for their students. Faculty questions, concerns, and comments are welcome by SDS.
Student Housing
Location/phone: BAY 111, (727) 873-4162.
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 opened its first student residential facility in fall, 2006. Residence Hall One houses 95 apartment-style suites within its seven-story footprint. The residence hall will contain four person single bedroom apartments and two person double bedroom suites. The residence life program was developed to emphasize student learning and development.

Volunteer Services
Location/phone: TER 200, (727) 873-4837
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
Location/phone: TER 200, (727) 873-4845
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) 873-4422
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 727-873-4422 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.stpt.usf.edu/studentdev/CCC/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) 873-4140
USF St. Petersburg Student Victim Advocate (727) 895-4912
USF St. Petersburg Staff Victim Advocate (813) 974-5756
Pinellas County Rape Crisis Line (727) 530-7233
Domestic Violence Crisis Line (727) 895-4912
24-Hour Suicide Prevention Line (727) 791-3131

Career Development Services

Counseling & Career Center
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 other characteristics relevant to career choice. Counselors also assist students with resume/cover letter preparation and critiques, interview skills, and job search strategies.

Career Resource Library
A Career Resource Library contains current occupational information, and a computer lab is available to access career and employer information on the Internet.

Recruit-A-Bull
Recruit-A-Bull is a web-based program that allows students to view job listings for full-time professional employment vacancies as well as part-time jobs, internships and cooperative education opportunities. Students may also use this program to register their resume and make it available for review by employers.
Part-time Student Employment

On- and off-campus part-time employment provides students an opportunity to gain valuable work experience, develop employability skills and earn money. Part-time jobs and temporary employment listings are maintained in the Center.

Experiential Education Programs

There are two types of experiential, practical learning experiences available to students. Both types are intended to give students hands-on experience in a work setting, assist them in obtaining practical experience, and assist them in determining a future career.

Cooperative Education: “Co-op” is a structured, supervised program that 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.

Fairs

Career Fairs are held throughout the year bringing together employers and students. These events provide opportunities for students and employees to network and discuss employment opportunities.

Health and Wellness Services

Health Education acts as a resource and referral source, conducts educational programming, and coordinates health promotion activities on campus. Information is available on the following topics: Alcohol, tobacco, and other drugs, eating disorders, exercise and fitness, nutrition, and sexual health. Fitness assessments and individual educational sessions are available by appointment. Health Education also conducts immunization clinics in coordination with new student orientation, and is the contact for Student Health Insurance on campus.

Immunization Clinics

To help students comply with state university regulations concerning measles and rubella vaccinations, immunization clinics are held at new student orientation. The vaccination fee varies. Contact Health Education for more information.

Student Health Services

There is currently no student health facility located at USF St. Petersburg. USF St. Petersburg students can receive medical services at Student Health Services (SHS) at USF Tampa by paying a $75 student health fee each semester. Student Health Services (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.shs.usf.edu.

The Health Fee entitles students to:

- 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 (813-974-5407) with the assistance of the Insurance Committee has contracted with a reliable insurance company to provide students with an affordable student health insurance plan for sickness and accidental injury tailored to the particular needs of college students. Health insurance can be purchased on an annual or semester basis. The Student Insurance Office assists students in understanding the available health insurance plans and encourages all registered students who do not have health insurance to consider enrolling. More information can be found at www.shs.usf.edu.

At USFSP, applications for Student Health Insurance may be obtained at The Health Education Office (CAC 114C) or The Career and Counseling Center (BAY 117).

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 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 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 Student Health Services at (813) 974-2331.
- For off-campus term exemptions, contact the Registrar’s Office at (727) 873-4124.

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) 873-4596
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.

Student Publications
Location/Phone CAC128A, (727) 873-4113
- The student newspaper for USF St. Petersburg, The Crow’s Nest, is the campus’ weekly newspaper. The newspaper provides experience for those students interested in print journalism, advertising sales, graphic design, and marketing.

Fit-4-Life
- This program, designed to raise awareness of personal health and fitness, offers members of the campus opportunities to improve their general health. Fit-4-Life is a combination of group exercise and recreational classes, including pilates, yoga, muscle toning, dance and martial arts. All levels are welcome to participate.

Campus Activities Center (CAC)
Phone: (727) 873-4596
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 and meeting rooms. 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 (student activities board), New Student Orientation, Student Life, Reservation Services, Student Government, and student organization workspace. Services within the CAC include: athletic and recreation equipment use, copy services, facility reservations, faxing services, information distribution, laminating services, tickets, typewriter use, and vending machine refunds.

Campus Fitness Center
Location/Phone CAC, (727) 873-4596
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.)

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) 873-4181
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 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) 873-4589 or 873-4597
Monday – Thursday 9:00 a.m. – 6:00 p.m.
Friday 8:00 a.m. – 5:00 p.m.

Currently, intramural sports occur with pick up play on the recreation field and in the CAC. The Student Life Office is working to increase participation and organize intramural play.

Recreational equipment is available for check-out at the Waterfront Office or CAC.

Waterfront Programs
Location/Phone COQ 108, (727) 873-4597
Office Hours: Monday – Friday 9:00 a.m. – 5:00 p.m.
Saturday – Sunday 11:00 a.m. – 5:00 p.m.
Swimming Pool Hours: Monday – Sunday 11:00 a.m. – 5:00 p.m. (EST)
Watercraft Hours: Monday – Sunday 11:00 a.m. – 5:00 p.m. (EST)
(Holiday, semester break, and Daylight Savings Time hours vary.)

Waterfront programs are organized into three categories: Aquatic Programs, Watercraft Programs, and Competitive Sailing. All programs are open to students while faculty, staff, affiliate staff, alumni, community members, and general community members may participate in selected Aquatic and Watercraft activities.

The swimming pool is heated and open year-round. Aquatic programs include: open and lap swimming, water volleyball, ‘SCUBA lessons, multiple level swimming lessons, lifeguard classes, and a variety of water fitness classes.

Boats, canoes, and kayaks may be rented at the Hayley Landings, adjacent to the Waterfront Office. To earn and advanced sailing lessons, a kayak and canoe rentals are part of Watercraft programs. Limited camping gear is available to check out from the Waterfront Office and to support scheduled overnight outings.

USF Sailing Teams are members of the Intercollegiate Sailing Association (ICSA) and actively participate in the South Atlantic Intercollegiate Sailing Association’s (SAISA) racing venues. The Women’s Sailing Team is a Title IX, NCAA, sport and part of the Tampa based USF Athletic Department. The Coeducational Team is a club sport sponsored by USF St. Petersburg. Both teams reside on the St. Petersburg campus and are open to all full-time undergraduate students. USF sailors often are nationally ranked in the top ten of ICSA’s rankings.

Each semester the Waterfront staff, in conjunction with student interest and demand, develops a list of activities and programs called WaterLife, which reach out to students and other members of the educational, fitness, and recreational activities.

For the latest information on all programs and activities, please contact the Waterfront Office.

Commencement and Graduation Celebration
USF St. Petersburg schedules two Commencement Convo- convocations for USF graduates each year (Spring and Fall). USF St. Petersburg graduates may also chose 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.sipt.usf.edu/saffairs/commence

USF Tampa http://www.usf.edu/commencement

USF Sarasota http://www.sarasota.usf.edu

USF Lakeland http://www1.stpt.usf.edu/commence

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:

Ceremony registrants will also receive an invitation to the Graduation Ceremony. The celebration is open to all Graduates, their families and friends and is at the Campus Activities Center immediately following the commencement ceremony.

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, 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 intercolle- giate sports both as spectators and as direct participants. Admission to all athletic events is free of charge upon presen- tation of the USF Card. (Student Identification.)

USF St. Petersburg hosts coed and women’s sailing; all other athletic teams are located in Tampa. USF fields both intercol- legiate 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 Bookstore
USF St. Petersburg Bookstore
Location/Phone: Parking Garage, 5th Avenue S and 3rd Street S., (727) 873-1141

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

The 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, and visitors of the university. VISA, MasterCard, Discover and American Express are accepted at all stores.

The bookstore offers textbooks and course-required supplies for USF St. Petersburg classes and a wide variety of merchandise including a large selection of writing implements, folders, binders, paper and other class supplies; college clothing, imprinted souvenirs and gift items, candy, snacks, sodas, medicine, and Hallmark greeting cards. Popular computer software applications are available at greatly reduced educational pricing (to USF students, faculty and staff members only).

Personnel are available to assist customers in finding and ordering course texts and general books. The USFCard is the official I.D. card of the University of South Florida. The USFCard can also serve as a campus-MCI calling card. The USFCard can be used as an ATM card 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. Personnel are also available to assist customers in finding and ordering course texts and general books.

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 Bayboro Cafe in Coquina Hall offers everything from a quick snack on the run to breakfast, hot meals, soup and sandwiches, munchies, fresh fruit, build-your-own salads, and hot and cold beverages. In addition to the regular menu, the Bayboro Cafe features daily specials, vegetarian dishes and special holiday meals.

A list of contractual caterers is available for on-campus events. For more information contact Student Life (CAC) or the Student Affairs Administration Office (BAY 111).

USF I.D. Card

Location/Phone: Nelson Poynter Library (POY 221)

The USFCard is the official I.D. card of the University of South Florida. University policies require that all student, faculty, and staff members carry the USFCard while on campus. Students may be denied services if they do not have an ID card. The USFCard may also be used to make purchases from on-campus copiers, snack and vending machines equipped with card readers. Value can be added to the vend stripe at Cash-to-card machines located around campus and at most coin/card copiers in the Library. This eliminates the need to carry coins and even saves money. If a student has an account with the USF Federal Credit Union, the USFCard can be used as an ATM card. The USFCard can also serve as a campus-MCI calling card. For additional information: http://www.auxsvc.usf.edu/usfcard/index.htm

COLLEGE OF ARTS AND SCIENCES

The 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 departments follows. The College of Arts and Sciences Office is open Monday – Thursday 8 a.m. to 6 p.m. and Friday 8 a.m. to 5 p.m.

Undergraduate Advising Information

The Academic Advising Center, located in Davis Hall (DAV), Room 134, handles all undergraduate student-related academic matters. Students contemplating a major in Arts and Sciences or who have specific questions about a department/major should make an appointment with an advisor in their area of interest. Office hours are 8 a.m. - 6 p.m. Monday – Thursday and 8 a.m. - 5 p.m. on Fridays. To make an appointment, call (727) 873-4511. For general questions related to Arts & Sciences majors call (727) 873-4507 or (727) 873-4152.

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 as a major in a particular field. Mass Communications/Journalism is a limited access degree program and has additional requirements listed under “Departments 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, programs, counseling and other services of the College may be obtained from the Advising Office (DAV 134), College of Arts and Sciences, USF St. Petersburg, St. Petersburg, FL 33701 or visit our web site at http://www.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 Mass Communications/Journalism, with a USF cumulative
290  USF St. Petersburg

UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG

- Maintain a gpa of 2.000.
- Complete a minimum of 48 hours of upper-level courses and an overall gpa of 2.000. Note: In English and Mass Communications students must have a 2.500 major gpa.
- 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.
- 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.
- 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

- Elective Physical Education is limited to 2 semester hours.
- ROTC is limited to 9 semester hours.
- When double majoring a maximum of 2 courses or 8 hours may be used to satisfy requirements between majors.
- Maximum of 20 hours of S/U option. S/U contracts must be negotiated in writing within the first three (3) weeks of the term. None of the 20 credits may be taken in the student’s major unless S/U is the only grading option. English 1101 or 1102 may not be taken S/U.
- The Audit option is available only during the first 5 days of classes; none permitted later.
- Complete at least 9 semester hours during summer terms if entering USF with fewer than 60 semester hours.
- "D" grades are not acceptable in the major and supporting sciences for all natural sciences majors. "D" grades are not acceptable for the major area in English, History, Mass Communications, Psychology, and Social Work. Only one "D" is allowed in the major for Criminology. (Important! All grades including "D"s and "F"s are used to calculate gpa’s for students in the College of Arts and Sciences.)
- Complete all major course requirements.
- Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above). Lower-level course work from 2-year or 4-year schools, though, equivalent to a 3000-level course at USF, does not meet this requirement.
- Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.
- 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.
- Students must satisfy CLAST (College Level Academic Skills Test).
- 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 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)  
Criminology (CJ)  
Economics (ECN)  
English  
English and American Literature (LIT)  
Professional and Technical Writing (CWT)  
Geography (GEO)  
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)

**ART (B.F.A.)**  
Requirements for the B.F.A. Degree in Studio Art with a Concentration in Graphic Design

The Graphic Design Concentration offers students a sequence of rigorous courses that balance critical thinking and pragmatic experience complimented by the enriched experience of the liberal arts environment of the University of South Florida St. Petersburg.

Graphic designers develop the images that give voice to the world around us. Using their raw materials - the ability to think, draw, write, speak, and design - students learn the skills to solve specific visual problems. The study of typography, design concepts, and digital technology develops an understanding of the tradition, practice, and process of graphic design.

The concentration guides students in building the imagination, aesthetic sensitivity, and powers of critical thought required to succeed as visual communicators. The curriculum emphasizes expertise in image development, typography, print and screen-based graphics and interactive design. The con-
**I. Art Foundations (Requires a “C” or better in all courses taken to progress to courses numbered 3000 and up)**

### 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 course in Macintosh computer & software** (3)
- **MMC 3602 Mass Communications and Society (program requirement)**

**Total: 6 hours**

*Mass Communications and Society may be used to satisfy the General Education Social Sciences requirement if the student is to remain within 120 hours for the degree.*

### Graphic Design Program Requirements

#### III. Fall Semester

- **GRA 2206C Typography** (3)
- **VIC 3001 Intro to Visual Communications** (3)
- **GRA 3110 Graphic Design I** (3)
- **GRA 3755 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)

**Total: 16 hours**

### V. Fall Semester

- **PGY 4802C Digital Media II** (3)
- **ART 4634C Visual Design for the Internet** (3)
- **ART 4930C Graphic Design: Senior Studio** (4)
- **ARH 4450 20th Century Art** (4)
- **Support Course (XLW)** (3)

**Total: 16 hours**

### VI. Spring Semester

- **ART 4955C Senior Project: Portfolio** (3)
- **GRA 4945 Professional Practicum** (3)
- **GRA 4940 Internship** (2)
- **ARH 4950 History of Graphic Design** (4)
- **ARH 4710 History of Printmaking** (4)

**Total: 12 hours**

**Total Semester Hours for the B.F.A. degree in Art Studio with a Concentration in Graphic Design:**

- **General Education** (24)
- **Exit Requirements** (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 utilized 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 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.

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.
Further information about the major, new courses, and the Anthropology faculty can be found on the web at: http://www.stpt.usf.edu/artthur/STPTANTHRO/stptanthropology.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
ANT 2511 Biological Anthropology
ANT 3101 Archaeology
ANT 3610 Anthropological Linguistics
ANT 4034 Theories of Culture
ANT 4935 Rethinking Anthropology

Beyond the required prerequisites listed above, the major in Anthropology consists of a minimum of 36 credit hours. 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.

In order to graduate, students must maintain an overall 2.5 GPA in all courses counted toward the major. For anthropology courses to count toward the major, students must earn a minimum grade of C (2.0) or higher in each class, including specifically required classes and electives. A grade of C- 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
ANT 4143 European Archaeology
ANT 4147 Environmental Archaeology
ANT 4153 North American Archaeology
ANT 4158 Florida Archaeology
ANT 4165 South American Archaeology
ANT 4166 Mesoamerican Archaeology
ANT 4172 Historical Archaeology
ANT 4180 Laboratory Methods in Archaeology
ANT 4181 Museum Methods
ANT 4183C Archaeological Science
ANT 4195 Fantastic Archeology
ANT 4824 Archaeological Field Methods

Biological Anthropology
ANT 4520 Forensic Anthropology
ANT 4586 Prehistoric Human Evolution

ANT 4587 Human Variation
Anthropological Linguistics
ANT 4620 Language and Culture
ANT 4750 Language and Social Interaction

Cultural Anthropology
ANT 4231 Folklore
ANT 4241 Magic and Religion
ANT 4285 Oral History
ANT 4302 Gender in Cross-Cultural Perspective
ANT 4312 North American Indians
ANT 4316 Ethnic Diversity in the United States
ANT 4323 Mexico and Central America
ANT 4340 The Caribbean
ANT 4390 Visual Anthropology
ANT 4432 The Individual and Culture
ANT 4442 Urban Life and Culture
ANT 4462 Health, Illness, and Culture
ANT 4495 Methods in Cultural Research
ANT 4701 Applied Anthropology

URS 3002 Introduction to Urban Studies

Methods
ANT 4180 Lab Methods in Archaeology
ANT 4181 Museum Methods
ANT 4183C Archaeological Science
ANT 4285 Oral History
ANT 4390 Visual Anthropology
ANT 4495 Methods in Cultural Research
ANT 4395 Methods in Archaeology
ANT 4520C Forensic Anthropology
ANT 4824 Archaeological Field Methods

Special Topics
ANT 4930 Special Topics

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 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, 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

2. 4000-level elective courses (9-12 credit hours)
ANT 4312 North American Indians
ANT 4316 Ethnic Diversity in the United States
ANT 4323 Mexico and Central America
ANT 4340 The Caribbean
ANT 4390 Visual Anthropology
ANT 4432 The Individual and Culture
ANT 4442 Urban Life and Culture
ANT 4462 Health, Illness, and Culture
ANT 4495 Methods in Cultural Research
ANT 4701 Applied Anthropology

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, crime prevention, crime analysis, private security, 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.

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
   - CJE 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.

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 or

ECO XXXX and ECO XXXX

Coursework in the Economics Major: A student may earn a Bachelor of Arts degree with a major in Economics by satisfactorily completing 33 credits in Economics in addition to college requirements. The 33 credits must include: ECO X013 Economic Principles: Macroeconomics (3)

ECO X023 Economic Principles: Microeconomics (3)

ECO 3101 Intermediate Price Theory (3)

ECO 3203 Intermediate Macroeconomics (3)

QMB 2100 Business and Economic Statistics I (3)

QMB 2200 Business and Economics Statistics II (3)

Economics electives numbered 3000 or higher (15)

ECP 3703, 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 ECP 3703 in order to enroll in any course for which ECO 3101 or ECP 3703 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.

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:


ECON 2023 Economics Principles: Microeconomics (3)
ECON 2023 Economics electives numbered 3000 or higher (12)
ECON 1000, if taken before both ECON 2023 and ECON 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 an academic advisor in DAV 134. 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.

**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. The English Department does not accept Sign Language as a foreign language.

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
- 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 3
- AMH 2020 American History II 3
- EUH 2021 Medieval History I 3
- EUH 2022 Medieval History II 3

**Upper-level coursework in the English Major:**

The program in English provides three areas of specialization (divided into two degree-options below): English and American literature - The primary mission of the literature option is to provide a solid foundation in the study of British and American literature. The program also offers courses in other world literatures in translation, cultural studies, feminist and ethnic studies, and both traditional and more recent critical approaches.

Professional and technical writing - The professional and technical writing option combines the study of English and American literature with an introduction to writing found in the professional workplace.

The English Education major is described under the section for the College of Education. Major requirements for English majors are listed below. A grade of “D” will not be counted toward fulfilling the major requirements. Grades of “D” or “F” in English courses will, however, be used in calculating the major GPA unless the course is retaken under the grade forgiveness policy. Students may not use more than one Directed Study toward meeting the major requirements. Transfer students must earn at least 15 hours in the major at USF. A 2.5 GPA in the major is required for graduation.

**OPTION I: English and American Literature**

Twelve courses (36 hours) as follows:

1. Two of the following:
   - AML 3031 American Literature to 1860

2. Four of the following:
   - ENL 3101 Literature of the Western World Through the Renaissance
   - ENL 3102 Literature of the Western World Since the Renaissance
   - ENL 4300 Selected Topics in English Studies
   - AMT 3031 American Literature 1860-1912
   - AMT 3051 American Literature 1912-1945
   - AML 3051 African-American Literature
   - AML 4261 Literature of the South
   - AML 4300 Selected American Authors
   - AML 4338 Advanced Studies in Shakespeare
   - AML 4341 Milton
   - LIT 301 Literature of the Western World Through the Renaissance
   - LIT 3102 Literature of the Western World Since the Renaissance
   - LIT 4930 Selected Topics in English Studies

**Group A:**

- AML 3033 American Literature 1860-1912
- AML 3051 American Literature 1912-1945
- AML 3032 American Literature to 1860
- AML 3031 American Literature 1860-1912
- AML 3051 American Literature 1912-1945
- AML 3040 African-American Literature
- AML 4261 Literature of the South
- AML 4300 Selected American Authors
- ENL 4000 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
- LIT 4671 Traditional English Grammar
- LIT 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

**Group B:**

- AML 3033 American Literature 1860-1912
- AML 3051 American Literature 1912-1945
- AML 3040 African-American Literature
- AML 4261 Literature of the South
- AML 4300 Selected American Authors
- ENL 4000 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
- LIT 4671 Traditional English Grammar
- LIT 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

**OPTION II: Professional and Technical Writing**

This 36-hour program allows undergraduates to concentrate their studies in professional writing, whereas 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:
     - ENC 2210 Technical Writing
     - ENC 3250 Professional Writing
     - ENC 3310 Expository Writing
     - ENC 4260 Advanced 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 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.

**Professional and Technical Writing Minor (15 hours)**

1. ENC 2210 Technical Writing
   ENC 4260 Advanced Technical Writing
   Any two of the following courses:
   - 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

- **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 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 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. 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.

  - 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
  - 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
  - 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
- **MAC 2241**
  - Life Sciences Calculus
- **or**
  - MAC 2281 Engineering Calculus
- **or**
  - MAC 2311 Calculus
- **and**
  - CHM 2045 & CHM 2045L General Chemistry & Lab 4
  - **or**
  - CHM 2046 & CHM 2046L General Chemistry II & Lab 4
  - 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 2312 Calculus 3
  - 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.
The degree program in Geography consists of 11 courses as follows:

**Major Course Requirements**

- **Required core courses (7 courses + lab):**
  - GEO 2200 Intro to Physical Geography (3)
  - GEO 2200L Intro to Physical Geography Lab (1)
  - GEO 2400 Intro to Human Geography (4)
  - GEO 3164C Research Methods in Geography (4)
  - GEO 4933 Geography Colloquium (1)
  - GIS 3006 Computer Cartography (4)
  - GIS 4043C Geographic Information Systems (4)
  - GEA XXXX One course with GEA prefix (4)

**Supporting Courses (4 courses):**

- With the help of their advisor, majors must select 4 courses (or 16 credits) from among the following list for their additional course work:
  - 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 4284 Water Resources Management (4)
  - GEO 4300 Biogeography (4)
  - GEO 4340 Natural Hazards (4)
  - GEO 4372 Global Conservation (4)
  - GEO 4321 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. 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:

- GEO 2200 (3)
- GEO 3013L (1)
- 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 (POL)

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, 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 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 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
  - or INR 2002 Introduction to International Relations

- **and**
  - POS 2041 American National Government
  - or POT 3003 Introduction to Political Theory
  - or POS 3713 Empirical Political Analysis

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 granting can be taken.

Field I Political Theory

- POT 3013 (3)
- POT 4064 (3)
- POT 4054 (3)
- POT 4204 (3)

Field II Comparative Government and Politics

- CPO 4034 (3)
- CPO 4930 (3)
- CPO 5934 (3)

Field III International Relations

- INR 3102 (3)
- INR 3370 (3)
- INR 4403 (3)
- INR 3038 (3)
- INR 4035 (3)
- INR 4502 (3)
- INR 3336 (3)
- INR 4254 (3)
- INR 5086 (3)

Field IV American National and State Governments

- POS 2080 (3)
- POS 3453 (3)
- POS 5094 (3)
- POS 2112 (3)
- POS 4204 (3)
- POS 4233 (3)
- POS 3173 (3)
- POS 4413 (3)
- POS 3182 (3)
- POS 4424 (3)

Field V Urban Government and Politics

- POS 3142 (3)
- POS 5155 (3)
- URP 4050 (3)

Field VI Public Policy

- INR 3102 (3)
- PUP 4203 (3)
- PUP 5607 (3)
- PUP 4002 (3)
- PUP 4323 (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)
- POT 4936 (3)

Requirements for the Minor in Political Science

A minor in political science requires the completion of a minimum of 18 credit hours, made up of two courses (6 credit hours) from among CPO 2002 (or INR 2002), POS 2041, and POT 3003. 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.
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 before 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 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.

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.

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.

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 two cognate areas and completes twelve hours in each. In addition, ISS students shall pass three special electives, at least one course from three categories that emphasize cultural diversity and environment/society relations.

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.

No transfer courses with grades of “D” are acceptable for credit in the ISS major.

COGNATE AREAS - Students select two areas and take 12 hours in each. Cognates must be selected from the areas of study listed below:


- MASS COMMUNICATIONS/JOURNALISM (COM)

   The Department of Journalism and Media Studies, accredited by the Accrediting Council on Education in Journalism and Mass Communications, offers approximately 30 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 (journalism, magazine and visual communication) 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.

The Mass Communications program may be applied toward the University’s entering freshman requirements including ACT or SAT 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.
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 4201 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:
An advisor approved concentration.
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
and
SYG 2010 Contemporary Social Problems

Selective Requirements
PGY 3610 Photojournalism I
Selective Requirements (6 hours required, selected with advisor's approval)

Other Requirements: The following courses are required outside the School to complete sequence requirements:
An advisor approved concentration.
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 meet the requirements for the Mass Communications major as well as all admission standards required of majors. Please see “Requirements for the Major in Mass Communications” for more information.

The minor in Mass Communications requires a minimum of 18 hours of Mass Communications 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 minor. All minor coursework must be completed at USF.

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 and science education. In addition, the program provides excellent training for qualified students who wish to pursue graduate work in such disciplines as Clinical, Cognitive, Social, Perception, Developmental, Industrial Psychology, Counseling, Management, Medicine, Law, and other human service programs. The undergraduate major emphasizes the breadth of psychology while allowing the student some electives to pursue in depth a particular aspect of the field.

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 immuniza-
tion, foreign language, and continuous enrollment policies of the university.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the university. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

PSY X012 Introduction to Psychology and any other lower level Psychology course within the Psychology inventory
STA XXXX Any level Statistics course (X000 - X099)
BSC XXXX Any level General Biology course (or BSC X200-X209, or ZOO X010)

Majors must complete at least 34 semester hours in the field. A minimum grade of "C" or better must be attained in each course in the major, except for PSY 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. Continuation in the major requires successful completion of those two courses plus 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)
   - PSY 3204 and PSY 3213 must be completed before any 4000 level courses are attempted. Successful completion of 7 additional Psychology courses numbered at the 4000 level selected as follows: At least two courses from each of the two groups below:

   Group I:
   - EXP 4204C Perception
   - EXP 4404 Psychology of Learning
   - PSB 4013C Physiological Psychology
   - EXP 4304 Motivation
   - EXP 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 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.

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.

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.

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 the anthropology program web page at http://www.sipt.usf.edu/coas/anthropology/

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 scientific study 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 Tau - Sigma Tau Delta's central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate and professional studies. Sigma Tau Delta also recognizes the accomplishments of professional writers who have contributed to the fields of language and literature. Members have the opportunity to be recognized for their outstanding achievements, enrich their education, help them make career choices and advance their careers. The society promotes cultural stimulation on college campuses and in the surrounding community, promoting interest in literature and the English language.

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 clearhouse, 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 and Program Director: J. Sokolovsky, Assistant Professor: J. Arthur, K. Weedman; Assistant Professor (ISS): E. Schmidt.

Art
Associate Professor: J. Spadaro; Assistant Professors: D. Angello, S. Bundrick, M. Normand.

Criminology
Assistant Professor: D. Cecil; Associate Professor: J. Schneider; Instructor: W. Ruff; 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: H. Alegria, E. Asano, D. Cassill, K. Carvalho-Knighton, B. Dixon, J. Krest, D. Smoak; Visiting Assistant Professor: E. Steimle.

Florida Studies
Professors: R. Arsenault, G. Mormino

Geography
Associate Professor: R. Johns; Assistant Professors: B. Dixon, C. Meindl.

Government and International Affairs
Professors: A. Njoh, D. Paulson; Associate Professor: T. Smith; Assistant Professor: S. McKee, J. Scourfield-McLauchlan.

History
Professor: R. Arsenault, 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, X. Wang; Lecturer: M. Fields.

Mathematics
Assistant Professor: E. Asano; Visiting Assistant Professor: L. Camara, R. Shumbusho.

Philosophy
Professor: H. LaFollette, Jr.

Psychology
Professor: V.M. Durand; Associate Professor: J. McHale, M.

Pezzo; Assistant Professors: T. Chenneville, E. Odgaard; Visiting Assistant Professor: S. Toler; Visiting Instructor: V. Gaskin-Butler.

Social Work
Assistant Professors: S. Allen, J. Cabness.

World Language Education
Assistant Professor: M. Fernandes.

COLLEGE OF BUSINESS

The College of Business offers courses of study leading to both undergraduate and graduate degrees. All degree programs offered by USF are fully accredited by AACSB International — The Association to Advance Collegiate Schools of Business.

The undergraduate curriculum that leads to a Bachelor of Arts or Bachelor of Science degree is composed of several segments: (1) broad general education in the arts, humanities and sciences; (2) the common body of knowledge for management responsibilities; and (3) specialized areas of concentration in Accounting, Economics, Finance, General Business, International Business, Management, 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
      - 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 OMB 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) 873-4142 for information regarding course transferability and degree articulation.  

BACCALAUREATE LEVEL DEGREE PROGRAMS

General Requirements for B.A./B.S. Degree in Business  
Students must satisfactorily complete a minimum of 120 semester hours. Of the minimum 120, at least 60 hours must be business courses, and a minimum of 54 hours must be non-business courses (i.e., all courses not normally offered in the College of Business). Additional electives may be required to reach a minimum of 120 hours and can be either business or non-business.  

As a part of the 120-hour requirements for the B.A. or B.S. degree, the following criteria also apply:  

GPA: A minimum grade-point average of 2.0 must be achieved in the major and/or minor field, as well as in all College work and in all USF work, for students to be certified for graduation.  

CLAST and Gordon Rule: Students must have satisfactorily completed CLAST and the writing and 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 residency requirements for graduation exceed the minimum requirements established for USF. Students are required to complete satisfactorily at USF a minimum of 50 percent (30-33 semester hours depending on major) of required business courses, including 12-18 semester hours in the major field. Normally, independent study and independent research courses do not fulfill this requirement.  

International Course Requirement: All business students are required to select at least one course that deals with contemporary international topics. This course can be included in the business, non-business, or elective category. Consult with a business advisor for suggestions on acceptable courses.  

No S/U courses in major or minor: All courses in the major or minor field and all foundation coursework in business must be taken on a graded basis; the S/U option is not available.  

Degree Requirements

NON-BUSINESS (54 hrs. minimum)   Semester Hours  
1. General Education Requirements*  
   a. English Composition  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  
   MAR 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.) 18-24
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) 873-4511
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 at USF and in all minor courses completed at other institutions.

3. At least 12 hours of the required 18 credit hours must be taken in residence at USF.

*ACG 201 & 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 certificates. 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 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 for 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
- 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

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
   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.

**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 a clear and logical perspective for analyzing and understanding these perplexing situations. The coursework is a mixture of basic economic theory and applications of that theory to problems encountered by households, by businesses, and by societies across the globe.

The general applicability of Economics is one reason why it is a popular major. Students also frequently choose Economics as a minor; its 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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3101</td>
<td>Intermediate Price Theory or ECO 3703 Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3203</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>15 hours of upper-level economics courses</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

Students must obtain a grade of “C-” or higher in ECO 3101 Intermediate Price Theory or ECO 3703 Managerial Economics to enroll in any course for which ECO 3101 or ECO 3703 is a prerequisite. Students cannot take both ECO 3101 and ECO 3703 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
   ECO 2023 Economic Principles: Microeconomics 3
   Upper-level economics electives (may include QMB 3200) 12
   **Total Economics Hours** 18

Business majors can obtain a minor with 9 additional upper-level hours in economics beyond the foundation requirements for business.

2. Before being recognized as a minor in economics, a student must obtain program approval by the Economics Department Undergraduate Advisor.
3. A grade point average of 2.0 or higher must be achieved in minor course work at USF and in all minor courses completed at other institutions. ECO 4905 and ECO 4914 may not be counted toward the minor.
4. At least 9 hours must be taken in residence at USF.

**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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 4303</td>
<td>Financial Institutions and Markets</td>
<td>3</td>
</tr>
<tr>
<td>FIN 4414</td>
<td>Advanced Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 4504</td>
<td>Principles of Investments</td>
<td>3</td>
</tr>
<tr>
<td>9-15</td>
<td><strong>Total Finance electives</strong></td>
<td></td>
</tr>
<tr>
<td>18-24</td>
<td><strong>Total Finance Courses</strong></td>
<td></td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3604</td>
<td>International Finance</td>
<td>3</td>
</tr>
</tbody>
</table>
### FIN 4504 Principles of Investments

- **Requirements:**
  - 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 9 of the required 12 credit hours must be taken in residence at USF.

### Management of Financial Institutions

- **Requirements:**
  - 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 9 of the required 12 credit hours must be taken in residence at USF.

### Investments

- **Requirements:**
  - 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 9 of the required 12 credit hours must be taken in residence at USF.

### Financial Services

- **Requirements:**
  - 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 9 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 a set of required MIS courses and 3 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:**
  1. **ISM 3232 Business Application Development**  
  2. **ISM 3113 Systems Analysis and Design**
  3. **ISM 4212 Database Administration**
  4. **ISM 4320 Business Data Communications**
  5. **ISM 4300 Managing Information Resources**

- **Plus Approved MIS Electives:**

- **Total Hours Required for B.A./B.S. Degree:** 24

### Requirements for a Minor in MIS (for Business majors only):

- **Requirements:**
  - 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 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 not count as an MIS elective.

- **ISM 4212 Database Administration**
  - **ISM 3113 Systems Analysis and Design**
  - **ISM 4212 Database Administration**
  - **ISM 4320 Business Data Communications**
  - **ISM 4300 Managing Information Resources**

- **Total 12**

### Requirements for the B.A./B.S. Degree:

- **Total Hours Required for B.A./B.S. Degree:** 24

### Requirements for a Minor in Management (for Business majors only):

- **Requirements:**
  - 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 9 of the required 12 credit hours must be taken in residence at USF.

### Management and Organization (MAN)

The purpose of the Management bachelor’s degree program is to educate students in the fundamental skills, knowledge, and practice of the management of people and organizations and provide business professionals with important skills and knowledge needed to advance in the workplace.

### 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 3026. 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**
  - **MAN 3301 Human Resource Management**
  - **MAN 4282 Organizational Assessment**
  - **MAN 4600 International Management**

- **Total Management hours:** 12

### Requirements for a Minor in Management (for Business majors only):

- **Requirements:**
  - 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 9 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 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. At least 9 hours of the required 12 credit hours must be taken in residence at USF.

3. 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.
4. 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.

Foreign Language Above First Year (9)

Language(s) selected should support the area and the Area Studies courses.

Overseas Business Internship (3) or Semester Abroad

The International Business Major is designed to be completed within 120 credit hours. Certain courses satisfy requirements in more than one area. To maximize academic options, students should seek guidance from a COBA advisor or the Office for International Affairs, BAY 204C, once a decision has been made to pursue this major.

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, G. Kearns; Instructors: S. P. Danese, J. F. Jewell; Visiting Instructor: P. Gaukel, 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, A. Watkins.

Management
Associate Professor: J. Gaines; Assistant Professors: C. Bean, D. Marlin; Associate Professor: S. Geiger.

Marketing
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 offers undergraduate degree programs recognized for accomplishing defined learning outcomes, supported by a foundation of applied research, and committed to meeting the needs of the community and the students it serves. In pursuit of this mission, faculty in the College of Education are guided by a respect for evidence, creating and extending knowledge by supporting research, and by the pursuit of scholarship. The College of Education seeks to prepare exemplary teachers and other educational personnel for roles in a diverse and changing society. It promotes life long learning, is committed to stewardship that reflects the ethics of community responsibility, and continually strives to meet the educational needs of all learners.

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.stpt.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 by contacting the Coordinator of Academic Advising for the College of Education in DAV 134. 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 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 (3)
   - EDG X701* Teaching Diverse Populations (3)
   - EME X040 Introduction to Educational Technology (3)
   *In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Com-
munity College Counseling Manual. (For USF, see “Academic Policies and Procedures - Liberal Arts Requirements” section of the catalog.)

**USF International/Diversity Courses Credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA 2000</td>
<td>Introduction to the Black Experience in Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td>AFS 2250</td>
<td>Culture and Society in Africa</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2010</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>AMS 2030</td>
<td>Introduction to American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>History of Visual Arts I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>History of Visual Arts II</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2025</td>
<td>Food: Personal and Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 2000</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>EGN 2031</td>
<td>History of Technology</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2011</td>
<td>Ancient History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2021</td>
<td>Medieval History I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 2022</td>
<td>Medieval History I</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>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 1016</td>
<td>World Perspectives</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 2051</td>
<td>Folk and Traditional Music of World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2632</td>
<td>Music in the United States</td>
<td>3</td>
</tr>
<tr>
<td>MUL 2111</td>
<td>Introduction to Music Literature</td>
<td>3</td>
</tr>
<tr>
<td>POS 2080</td>
<td>The American Political Tradition</td>
<td>3</td>
</tr>
<tr>
<td>REL 2300</td>
<td>Introduction to World Religions</td>
<td>4</td>
</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.

**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) 873-4511. 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) 873-4511 to schedule an advising session.

**Time Limitations**

The College of Education may accept professional education and specialization coursework completed at this University or at other accredited institutions as follows:

1. Courses completed within the last five years may be accepted.
2. Courses completed over five years but less than ten years ago must have the approval of the faculty of the program in which the equivalent course is taught.
3. Courses completed ten years ago or longer will count as elective credit only.

**Qualifications for Internship Experience**

The final internship experience involves observing and teaching in an early childhood, elementary, secondary, or exceptional classroom. In most programs internship sites include the entire spectrum of sites available in the various counties served by USF. Other than Senior Seminar, 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.
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 professional education and specialization coursework. The English Education requires completion of the professional course sequence except for EEX 4070/EDF 4430 and a minimum of two thirds of the specialization coursework.
6. The Elementary program requires a combined grade point average of 2.5 in professional education and specialization coursework as well as an overall USF GPA of 2.5. The Special Education program requires an overall USF GPA of 2.5. The English Education program requires a minimum GPA of 2.5 in professional education and specialization coursework or an overall USF GPA of 2.5.
7. Students must earn a “C-” grade or higher in their required major courses. S/U grades will not apply toward qualifying for internship.
8. Students must receive evaluations at the Fulfilled Level for at least six of the FEAPs.
9. Students must complete all other requirements as prescribed by their individual programs.

**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
BACCALAUREATE-LEVEL DEGREE PROGRAMS

The College of Education offers majors affiliated with six programs. Each of the majors leads to the Bachelor of Science degree* in the following fields:

<table>
<thead>
<tr>
<th>Major</th>
<th>Program</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Education</td>
<td>Childhood Education</td>
<td>(BEE)</td>
</tr>
<tr>
<td>English Education</td>
<td>Secondary Education</td>
<td>(BEN)</td>
</tr>
<tr>
<td>Varying Exceptionalities</td>
<td>Special Education</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.

Programs

The College of Education is organized into three degree majors representing six programs: Childhood Education, Special Education, Secondary Education, Measurement and Evaluation, Social and Psychological Foundations, and Educational Leadership. Each major, with its affiliated program, is listed alphabetically in the following section.

- ELEMENTARY EDUCATION with ESOL Endorsement

Elementary Education has the responsibility for the development and supervision of programs leading to the Bachelor of Science Degree in 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.

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 majors. 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 60 hour ESOL field experience where students plan, implement, and evaluate lessons for one or more ESOL students over a series of weeks; and (4) an ESOL 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.

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 X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or institution.
Completion of General Education requirements: General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

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
- EED 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
- EDG 4909 Directed Studies* 1
- EDE 4940 Internship 10-12

*Please see academic advisor for required directed studies courses.

Specialization (42 credit hours):

- EDE 4223 Creative Experiences for the Child 3
- 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
- SSE 4310 Teaching Elementary School Science 3
- SSE 4313 Teaching Elementary School Social Studies 3

*Please see academic advisor for required directed studies courses.

ENGLISH EDUCATION with ESOL Endorsement

The English Education program is housed in Secondary Education. The undergraduate program offered by the department is designed to prepare students to meet Florida teacher certification requirements and to become highly competent secondary teachers. Specialized courses in the teaching of mathematics, science, and social science are also offered for students majoring in elementary and special education.

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

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 Checklists 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 X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)
- Other program prerequisites: **
  - SPC X600 Public Speaking (3)
  - Literature course (3)
  - Electives in English (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Courses specified in this category may apply to general education coursework.

Completion of General Education requirements: General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

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 3122 Learning and the Developing Child 3
- EDF 4430 Measurement for Teachers 3
- EEX 4070 Integrating Exceptional Students in the Regular Classroom 3
- ESE 4322 Classroom Management for Diverse School and Society 3
- FLE 4316 Language Principles and Acquisition 3
- FLE 4317 Teaching LEP Students K-12 3
- Literacy Course 3
- EDG 4909 Directed Studies* 1
- EDG 4909 Directed Studies* 3

*Please see academic advisor for required directed studies courses.

Specialization (21 credit hours):
ENC 3310 Expository Writing 3
One of the following:
LIT 3103 Great Literature of the World (Exit) 3
WST 4410 Third World Women Writers (Exit) 3
LAE 4469 Teaching World Literature to Middle and Secondary Students 3
One of the following:
AML 3031 American Literature to 1860 3
AML 3032 American Literature 1860-1912 3
AML 3051 American Literature 1912-1945 3
One of the following:
ENL 3015 British Literature to 1616 3
ENL 3230 British Literature 1616-1780 3
ENL 3251 British Literature 1780-1900 3
ENL 3273 British Literature 1900-1945 3
One of the following:
LIT 3383 The Image of Women in Literature 3
LIT 4386 British and American Literature by Women (Exit) 3
One of the following:
LIN 3010 Introduction to Linguistics 3
ENG 4060 History of the English Language 3
One of the following:
LIN 3670 English Grammar and Usage 3
LIN 4680 Structure of American English 3
Additional Specialization (24 credit hours):
LAE 4464 Adolescent Literature for Middle and Secondary Students (Exit) 3
LAE 4323 Methods of Teaching English: Middle School (Must be taken with LAE 4464) 3
LAE 4530 Methods of Teaching English: Pracitcum (Must be taken with LAE 4335) 3
LAE 4335 Methods of Teaching English: High School (Must be taken with LAE 4530) 3
LAE 4936 Senior Seminar in English Education 2
LAE 4940 Internship: English Education 10
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.

**EXCEPTIONAL CHILD EDUCATION with ESOL Endorsement**

Special Education prepares teachers to work with children who have emotional and behavioral disabilities, mental retardation, and specific learning disabilities. The undergraduate program is a state-approved program that leads to certification in Exceptional Student Education (ESE).

Students are required to meet University and College of Education entrance requirements prior to enrollment in the Department. Upon admission, students affiliate with the campus on which they wish to take their program of studies. Field experiences begin during the first semester of student’s enrollment with increasing involvement throughout the program. Students are responsible for providing transportation to their experience sites.

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

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 X005 Introduction to Education (3)
- EDG X701* Teaching Diverse Populations (3)
- EME X040 Introduction to Educational Technology (3)

*In addition to EDG X701, a minimum of 6 semester hours with an international or diversity focus is required.

Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

**Completion of General Education requirements:**

General education courses will be determined by the community college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution’s existing catalog or in the Community College Counseling Manual. (For USF, see "Academic Policies and Procedures - Liberal Arts Requirements" section of the catalog.)

**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
- 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 courses.

**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

Elementary Education

Educational Measurement and Research
Associate Professor: W. S. Lang.

Psychological and Social Foundations
Assistant Professor: L. Johnson; Associate Professor: D. Michaels.

Secondary Education
Associate Professors: J. Nutta, K. Rasch; Assistant Professor: M. Butler; Instructor: J. Khattabi; Lecturer: A. Reeves.

Special Education
Professors: W. H. Heller, M. Koorland, T. Rose; Associate Professor: 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
- **CP** Co-prerequisite
- **CR** Corequisite
- **DPR** Departmental Permit Required
- **GS** Graduate Standing
- **GR** Graduate Standing
- **ML** Master's Level
- **S/U** S/U Grade System
- **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:

- **Accounting** Business Administration
- **Administration/Supervision** Education
- **Adult Education** Education
- **African Studies** Arts and Sciences
- **Air Force ROTC** Undergraduate Studies
- **American Studies** Arts and Sciences
- **Ancient Studies (Religious Studies)** Arts and Sciences
- **Anthropology** Arts and Sciences
- **Arabic (Language)** Arts and Sciences
- **Army ROTC** Undergraduate Studies
- **Art** Visual and Performing Arts
- **Art Education** Visual and Performing Arts
- **Astronomy** Arts and Sciences
- **Basic and Interdisciplinary Engineering** Engineering
- **Biology** Arts and Sciences
- **Business and Office Education** Education
- **Chemistry** Arts and Sciences
- **Chemical Engineering** Engineering
- **Chinese (Language)** Arts and Sciences
- **Civil and Environmental Engineering** Engineering
- **Classics** Arts and Sciences
- **Common Body of Knowledge** Business Administration
- **Communication** Arts and Sciences
- **Communication Sciences and Disorders** Arts and Sciences
- **Community Experiential Learning** Education
- **Computers in Education** Education
- **Computer Science and Engineering** Engineering
- **Computer Service Courses** Engineering
- **Cooperative Education** Undergraduate Studies
- **Criminology** Arts and Sciences
- **Dance** Visual and Performing Arts
- **Early Childhood Education** Education
- **Economics** Business Administration
- **Electrical Engineering** Engineering
- **Elementary Education** Education
- **English** Arts and Sciences
- **English Education** Education
- **Environmental Science & Policy** Arts and Sciences
- **Finance** Business Administration
- **Fine Arts Interdisciplinary** Visual and Performing Arts
- **Foreign Language Education** Education
- **French (Language)** Arts and Sciences
- **General Business Administration** Business Administration
- **General Foreign Languages** Arts and Sciences
- **Geography** Arts and Sciences
- **Geology** Arts and Sciences
- **Gerontology** Arts and Sciences
- **German (Language)** Arts and Sciences
- **Government & International Affairs** Arts and Sciences
- **Greek (Classics)** Arts and Sciences
- **Hebrew (Language)** Arts and Sciences
- **Higher Education** Education
- **History** Arts and Sciences
- **Honors**Honors College
- **Hospitality and Restaurant Management** Undergraduate Studies
- **Humanities** Arts and Sciences
- **Human Services** Arts and Sciences
- **Industrial and Management Systems** Engineering
- **Information Systems & Decision Sciences** Business Administration
- **Information Technology** Undergraduate Studies
- **Interdisciplinary Studies** Arts and Sciences
- **International Studies** Arts and Sciences
- **Italian (Language)** Arts and Sciences
- **Japanese (Language)** Arts and Sciences
- **Languages** Arts and Sciences
- **Latin (Classics)** Arts and Sciences
- **Library Studies** Arts and Sciences
- **Library & Information Science** Arts and Sciences
- **Linguistics** Arts and Sciences
<table>
<thead>
<tr>
<th>College/Department/Program</th>
<th>Common Course Prefixes</th>
</tr>
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<tbody>
<tr>
<td>College of Architecture</td>
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### Listing Departments/Programs

#### Alphabetically by Prefix

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### Additional Departments

- **College of Engineering**
  - Basic and Interdisciplinary Engineering
  - Chemical Engineering
  - Civil and Environmental Engineering
  - Computer Science & Engineering
  - Computer Service Courses
  - Electrical Engineering
  - Industrial and Management Systems
  - Mechanical Engineering
  - Honors College

- **College of Nursing**
  - Nursing

- **College of Public Health**
  - Public Health

- **Undergraduate Studies**
  - Aerospace Studies (Air Force ROTC)
  - Cooperative Education
  - Hospitality and Restaurant Management
  - Information Technology
  - Military Science (Army ROTC)
  - Naval Science (Navy ROTC)
  - Reading
  - Student Leadership

- **College of Visual and Performing Arts**
  - Art
  - Art Education
  - Dance
  - Fine Arts Interdisciplinary Studies
  - Music
  - Music Education
  - Theatre
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GENERAL COURSE INFORMATION

COURSE LEVEL DEFINITION

- **Lower Level**: 0000-1999 Freshman Level
- **Upper Level**: 3000-3999 Junior Level, 4000-4999 Senior Level
- **Graduate Level**: 5000-5999 Senior/Graduate Level, 6000-Up Graduate Level

Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This 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 determines the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “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 completed 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 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 sub-category 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 the recording and reporting of financial activity. The preparation and interpretation of financial statements.

ACG 2071 Principles of Managerial Accounting (3) BA ACC
PR: ACG 2021 with a grade of “C” or better. A study of the accountant’s role in assisting management in the planning and controlling of business activities.

ACG 3074 Managerial Accounting for Non-Business Majors (3) BA ACC
Does not count towards major or CPA requirements. Not available for credit for Business majors. The study of the uses of accounting data internally by managers in planning and controlling the affairs of 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-). Control of ACG 3103. Topics covered include property, plant and equipment, intangibles, current liabilities, long-term debt, stockholders’ equity, earnings per share computations, and investments.

ACG 3341 Cost Accounting and Control I (3) BA ACC
PR: ACG 2071. Deals with cost accounting systems for different entities, cost behavior patterns, cost-volume-profit analysis, relevant information for decision making, and budgets and standards control 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 how control of information systems in a variety of technological environments with added emphasis on decision making, processing, and reporting of accounting information.

ACG 4123 Intermediate Financial Accounting III (3) BA ACC
PR: ACG 3103 and ACG 3341 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 4632 Auditing I (3) BA ACC
PR: ACG 3103 and ACG 3401. This course provides a sound conceptual foundation of basic auditing process from the perspective of the public accounting profession. Professional standards, ethics, legal responsibilities, and the utilization of 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’s interest.

ACG 5005 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 5006 Advanced Managerial Accounting (3) BA ACC
PR: ACG 4123. CR: ACG 4632. Application of financial and managerial accounting, and auditing, principles and theory to both governmental and not-for-profit entities.

ACG 5175 Internal and Operational Auditing (3) BA ACC
PR: ACG 3113 and ACG 3401. CR: ACG 4632. The objective of Internal and Operational Auditing is to provide students with an opportunity to learn about the theory and practice of internal and operational auditing and to apply relevant audit principles and techniques to selected audit problems.

ADE 4384 Working With the Adult Learner (3) ED EDV
An investigation of the needs of the adult learner. Identification of principles of adult learning; physiological, psychological, and social characteristics of adult learners, and corresponding implications are explored.

ADV 3000 Introduction to Advertising (3) AS COM
PR: MMC 2100 and MMC 3602. A study of the structures, functions, and persuasive language of advertising in mass media with attention to social, political, economic, and legal aspects.

ADV 3001 Advertising Creativity (3) AS COM
PR: ADV 3000 and ECO 1000. Study of copywriting and art direction in the creation of advertising messages for alternative media platforms. Restricted to majors only.

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 surveys and experimental research.

ADV 3700 Retail Advertising Planning and Execution (3) AS COM
PR: ADV 3000 and ADV 3001. 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 3001, ADV 3002, ADV 3003, ADV 3005. 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 3002, ADV 3003, ECO 1000, and MAR 3023. 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 1000 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
A study of the historical and current political, economic, and cultural relations between the United States and Africa.

AFA 413 Black English MW (3) AS AFA
Subject to the approval of the Chair of the English Department. This course focuses on the linguistic patterns among African Americans in the U.S., South and Central America, and the Caribbean. It examines language in relation to issues of domination, social stratification, economics and other social characteristics of adult learners, and corresponding implications are explored.

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 institutions operating within and on the African American community.

AFA 4333 The African Diaspora: Blacks in the Construction of the Americas MW (3) AS AFA
Prerequisite: Junior or Senior standing. This course focuses on 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 America. The course takes an interdisciplinary approach. The course is not restricted to majors and is not repeatable for credit.
AFS 2250 African Literature Survey (3) AS AFA
Topics include: African religion, value systems, art and the aesthetics, family and life-cycle, impact of Islam and Christianity and conflict of cultures.

AFS 3251 Environmental and Cultural Studies in Africa (6) AF 3 AS AFA
Topics: the relationship between life and the environment, the impact of modernization on the culture and the environment.

AFS 4910 Individual Research (1-3) AS AFA
Course topic selected by student and professor. Topics vary. Required of all students in AFR 2000-, 3000-, and 4000-level courses.

AMH 2010 American History I HP (3) AS HTY
A history of the United States with attention given to relevant developments in the Western Hemisphere from European origins to 1877.

AMH 2020 American History II HP (3) AS HTY
A history of the United States with attention given to relevant developments in the Western Hemisphere from 1877 to present.

AMH 3130 African American History to 1750 (4) AS HTY
A study of the evolution of American society from the Age of Reconnaissance to 1750. Attention is given to the transformation from colonies to provinces with emphasis on ethnocultural conflicts, emigration, and the impact of the American Revolution on society and culture, the relationship between life and the environment, and the impact of modernization on the culture and the environment.

AMH 3130 The American Revolution (4) AS HTY
Emphasis on the causes of the American revolution, the nature of Constitution-making, and the establishment of the federal system and the role of the military in American society.

AMH 3140 The Age of Jefferson (4) AS HTY
A comprehensive study of American society and political culture from 1809-1828. Focuses on demographic trends, party systems, expansionism, Indian policy, labor, and ethnic-cultural conflicts.

AMH 3160 The Age of Jackson (4) AS HTY
The United States from 1828-1850, with emphasis on social and political conflict. Consideration of evangelicalism, reform, labor
AMH 3170 The Civil War and Reconstruction (4) AS HTY
An examination of political, social, and economic climate of the 1860's that led to the American Civil War. The course does focus upon the war itself in its military, diplomatic, and political consequences through the end of the Reconstruction (1877).

AMH 3201 The United States, 1877-1914 (4) AS HTY
A study of America from the end of Reconstruction to World War I. Examining over political, social, and international developments, the course covers industrialization, immigration, unions, reform, feminism, race relations and imperialism.

AMH 3231 The United States, 1914-1945 (4) AS HTY
The United States from World War I to the end of World War II. Covering political, social and international developments, the course examines the lives of Americans, including minorities and women, during war, prosperity, and the Great Depression.

AMH 3270 The United States since 1945 (4) AS HTY
A study of America's role in the Cold War, in Vietnam, and in the post-Cold War era. Also examines domestic developments, such as the consumer culture, protest movements, and abuses of political power.

AMH 3403 The South since 1865 (4) AS HTY
Southern history since the surrender at Appomattox. Topics covered include Reconstruction, the Populist revolt, race relations, disfavored and disfranchisement, Southern women, and the Civil Rights Movement.

AMH 3421 Early Florida (4) AS HTY
A history of colonial Florida under the Spanish and English. Florida as an area of discovery, colonization, and imperial conflict; the emergence of Florida within the regional setting.

AMH 3423 Modern Florida (4) AS HTY
An historical survey of Florida from the territorial period to the modern era. An examination of the social, political, and economic changes occurring in Florida between 1821 and the 1980s.

AMH 3500 American Labor History (4) AS HTY
A study of American workers from the colonial period to the present. Examines the changing nature of work, its effects on workers (including minorities and women), and their responses as expressed in strikes, unions, and political action.

AMH 3510 U.S. Diplomatic History to 1898 (6A) AS HTY
The development of American foreign relations in the Agricultural era.

AMH 3511 U.S. Diplomatic History in the 20th Century (4) AS HTY
A history of American Foreign Relations in the industrial era.

AMH 3530 Immigration History (4) AS HTY
A study of the composition and character of the “American” people with emphasis on the period from 1840 to the 1920s. Examines old world backgrounds of immigrants and their responses to the new world’s social, economic and political conditions.

AMH 3540 United States Military History (4) AS HTY
A study of American military policy and its practitioners 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 role 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 economy, politics, immigration, wars, religion and reform movements will be examined.

AMH 3571 African American History to 1865 (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 (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.

AMH 3031 American Literature From the Beginnings to 1860 (3) AS ENG
A study 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.

AMH 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.

AMH 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.

AMH 3413 Historical Perspectives in Early American Literature (3) AS ENG
A study of early 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.

AMH 3604 American Literature 6A LW (3) AS ENG
A study of African American literature from the nineteenth century to the present, including the works of such writers as W.E.B. DuBois, Jean Toomer, Langston Hughes, Richard Wright, Ralph Ellison, LeRoi Jones, and Nikki Giovanni.

AMH 4111 Nineteenth-Century American Novel (3) AS ENG
A study of the American novel from its beginnings through 1900, including such novelists as Cooper, Hawthorne, Melville, James, Twain, Crane, and Dreiser, among others.

AMH 4121 Twentieth-Century American Novel (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.

AMH 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.

AMH 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.

AMH 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 a renowned Florida writer.

AMH 4624 Black Women Writers 6A LW (3) AS AFA
Black women writers focuses on the literature of women of Africa and the African Diaspora. It examines the social, historical, artistic, political, economic, and spiritual lives of African women in context of a global community.

AMS 2030 Introduction to American Studies SS HP (3) AS AMS
An overview of American Studies, the interdisciplinary study of American culture. Analysis of the arts and literature, including music; social issues; popular culture; material culture; cultural diversity; and social change. These approaches will be applied to a specific cultural era.

AMS 2075 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 2272 Eighteenth-century American Culture HP (3) AS AMS
An examination of cultural patterns in America from 1776 to 1900 with an emphasis on the texture of everyday life.

AMS 2363 Issues in American Civilization (1-4) AS AMS
An examination of selected topics such as natural environment and the quality of life in America and 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 among 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, discern 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 subcultures of women, African-Americans and communal societies.

AMS 3700 Racism in American Society SS HP (3) AS AMS
An introduction into the causes and effects of racism in American history, literature, art, the media, and folklore. Related concepts of ethnocentrism and class conflict.

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 4800 Major Topics in American Studies 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.

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.

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 ANT
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 5460 Quantitative Methods in Anthropology 3 AS ANT
PR: Graduate Standing. The course is an introduction to quantitative methods for the anthropologist covering both classical statistical approaches and exploratory data analysis, using computers with statistical software.

ANG 5901 Directed Reading (1-4) AS ANT

ANG 5910 Individual Research (2-4) AS ANT
PR: DPR. Contract required prior to registration. S/U. Individual guidance in selected research project.

ANG 5937 Seminar in Anthropology (2-4) AS ANT
PR: Senior or GS. Topics to be chosen by students and instructor.

ANT 2410 Introduction to Anthropology SS AF (4) AS ANT
The cross-cultural study of the human species in biological and social perspective. Surveys the four major branches of anthropology: physical anthropology (human biology), archaeology (the analysis of the prehistoric and historic remains of human cultures), anthropological linguistics (the analysis of language in its cultural context), and cultural anthropology (the cross-cultural study of peoples living in the world today, be they in tribal, peasant, or urban societies).

ANT 2410 Cultural Anthropology SS AF (3) AS ANT
Discussion of major methods and orientations to the cross-cultural study of the world’s peoples. Representative case studies are used to demonstrate variations in human adaptations and to encourage an appreciation of diverse values and lifestyles.

ANT 2511 Biological Anthropology NS (3) AS ANT
CR: ANT 2511L. Non-human primates, the fossil record and the biology of races are surveyed in order to understand the human animal as a product of biosocial phenomena. Anatomy, genetics, culture and evolution are emphasized.

ANT 2511L Biological Anthropology Laboratory NS (1) AS ANT
CR: ANT 2511L This lab companion to an overview of biological anthropology. The students will be doing laboratories which are relevant to the class topics covered in the lecture hall.

ANT 3005 The Anthropological Perspective AF (3) AS ANT
For non-anthropology majors only. May not be counted for credit toward an anthropology major. Presents the basic concepts of anthropology as they are relevant to contemporary life. Topics include: the clinical presentation of psychological disorders, the role of the anthropologist as a witness, the application of the anthropology of science, and the treatment of cross-cultural view of the human species as adapting through biosocial means to life on this planet.

ANT 3101 Archaeology SS (3) AS ANT
The cross-cultural study of humankind from its beginnings up to and including the historic period through the recovery, description, and analysis of the remains of past cultures and societies.

ANT 3610 Anthropological Linguistics SS (3) AS ANT
The comparative study of language in its cultural context, especially emphasizing the role of language in the cultural interpretation of physical and social reality.

ANT 3703 Theory of Culture AF (3) AS ANT
PR: DPR. Senior standing with major in anthropology. The major concepts that form the anthropological view of humanity are viewed in historical perspective. Basic ideas of the western philosophical tradition are analyzed first, then adapted to a framework from the Greek to the 19th century when they became incorporated into the new discipline of anthropology. 20th century anthropological developments on these themes are considered.

ANT 4142 Old World Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe, Asia and Africa, from the earliest humans through the emergence of state-level societies in many parts of the Old World. The course will focus on comparative aspects of economic, social, political, and religious organization in the prehistoric Near East, Egypt, China, the Aegean, Europe and Africa.

ANT 4143 European Archaeology (3) AS ANT
PR: ANT 3101 or DPR. The archaeology of Europe from the first Palaeolithic inhabitants to the fall of Roman civilization. The course will focus on ancient material culture while emphasizing social and economic questions such as the emergence of modern humans, the adoption of agriculture, the development of complex societies, and the rise of civilization.

ANT 4147 Environmental Archaeology (3) AS ANT
PR: ANT 3101 or DPR. This course examines environmental impacts of ancient human societies, and how human activities have impacted the environment in the last several thousand years. Presentation of the methods used to reconstruct prehistoric environments will be followed by case studies from Florida, Central and South America, Easter Island, the Mediterranean and the Near East.

ANT 4149 Fantastic Archaeology MW (3) AS ANT
PR: Junior standing or above. Mysteries including the Lost Continent of Atlantis, Ancient Astronauts, Pitdndown Man, Psychic
Antiquities, Noah's Ark, and the Shroud of Turin will be examined, with an emphasis on critical thinking that has much wider practical applications.

**ANT 4153 North American Archaeology (3) AS ANT**
PR: ANT 3101 or DPR. An examination of the evidence regarding the human settlement of North America from its beginning through the development of aboriginal culture to the period of European conquest. Emphasis on the comparative study of material culture at selected sites from all time periods. No field work is involved.

**ANT 4158 Florida Archaeology (4) AS ANT**
PR: ANT 3101. DPR. History and culture process over 10,000 years from the time of the first people in Florida (Paleo-Indian) through the elaborate Webometric and Safety and temple mound cultures to the Spanish entrada and consequences of European conquest. Review of temporal and spatial relationships within the entire eastern U.S. and elsewhere. May be part of a summer (or other semester) field school, combined with Field Methods in Archaeology and Laboratory Methods in Archaeology.

**ANT 4163 Mesoamerican Archaeology (3) AS ANT**
PR: ANT 3101 or DPR. The chronological sequence from its beginnings through Protohistoric development is described and analyzed. Cultures such as the Maya, Aztec, Mixtec, Zapotec, Olmec, and Toltect are included, with emphasis on the environment 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 (4) AS ANT**
PR: ANT 3101 or DPR. A survey and analysis of archaeology focused on the historical period. Laboratory research with data recovered from historic sites in addition to classwork.

**ANT 4180 Laboratory Methods in Archaeology (2-4) AS ANT**
PR: ANT 3101, DPR. Data and materials recovered from archaeological survey and excavation are processed in the laboratory; includes artifact cleaning, 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 school. May be combined with Florida Archaeology and Field Methods in Archaeology.

**ANT 4181 Museum Methods (4) AS ANT**
PR: ANT 3101 and DPR. Design, preparation and installation of exhibits in the Department of Anthropology Teaching Exhibit Gallery. Emphasis on theory, research, design, and construction. Discussion of museum-related issues such as administration and curation.

**ANT 4183C Archaeological Science (4) AS ANT**
PR: ANT 3101, DPR. This course emphasizes the application of scientific methods of analysis to archaeological materials including bone, stone, pottery, and metal. Methods include absolute dating, remote sensing, optical and SEM microscopy, elemental and isotopic analysis. Laboratory sections provide hands-on experience with a variety of archaeological materials and analytical methods.

**ANT 4231 Folklore (6) 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 cultures are surveyed.

**ANT 4241 Magic and Religion (6) AS ANT**
PR: ANT 2410 or DPR. A survey of the history, methods, and current applications of oral history research, primarily in the anthropological study of culture, but with reference to allied disciplines. Investigators will become familiar with oral history through intensive analysis of selected case studies as well as guided field projects.

**ANT 4302 Gender in Cross-Cultural Perspective (6) 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.

**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 prehistoric regional development until the period of contact with European colonists. Emphasis on varieties of ecological adaptation, social, political and religious systems, enculturation and worldview, folklore and visual art.

**ANT 4318 Ethnography of the United States MW (3) AS ANT**
PR: ANT 2410 or DPR. Special concerns include ethnic diversity in American society, historical and contemporary diversity in values, experiences, and lifestyles, and an examination of policies and problems affecting ethnic groups in the United States.

**ANT 4323 Mexico and Central America (3) AS ANT**
PR: ANT 2410. 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 depopulation of the aboriginal population and the resettlement of the area via slavery, indenture, and migration; contemporary ethnic heterogeneity; economic foundations of Third World; settlement development of a modern social and political consciousness. Religious diversity, music, the graphic arts, and the literature of the contemporary Caribbean will also be surveyed.

**ANT 4390 Visual Anthropology (3) AS ANT**
PR: ANT 2410 or DPR. The use of photographic techniques for the crosscultural recording and analysis of human activities. The study of ethnographic photography as both art and science, and the production of an anthropological study that expresses the goal of “visual literacy.” Review and evaluation of the uses of visual techniques and the evidence they provide to the social scientist.

**ANT 4401 Exploring Cross-Cultural Diversity MW (3) AS ANT**
For non-Anthropology majors only. This course will introduce students to anthropological perspectives which are useful in understanding the implications of cultural diversity related to changing demographic patterns within country as well as in 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.

**ANT 4442 Urban Life and Culture (3) AS ANT**
PR: ANT 2410 or DPR. The cross-cultural study of urbanization, urbanism and human adaptations in these 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: ANT 2410 or DPR. Restricted to juniors and seniors. The stages in the development and execution of ethnological research are discussed and practiced. Literature search, hypothesis formation, selection of data collection techniques, elicitation of information, data representation and analysis. 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**
PR: ANT 2511 or DPR. This course is designed to familiarize students with forensic anthropology through lectures 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 survey of the fossil record from the early primates through the ascent of Homo sapiens sapiens, focusing on the human lineage. Biosocial patterns and cultures of the past are also covered.
ANT 4587 Human Variation (3) AS ANT
PR: ANT 2220 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.

ANT 4520 Language and Culture 6A (3) AS ANT
PR: ANT 3610 or DPR. Examines the relationships between language and culture in cross-cultural perspective. Explores the extent to which languages shape the world views of their speakers. Emphasis on the nature and degree of fit between linguistics and other cultural systems of knowledge.

ANT 4701 Applied Anthropology (3) AS ANT
PR: ANT 2410 or DPR. A review of approaches applying the anthropological perspective to contemporary human problems. Special emphasis placed on public policy issues in United States society. Discussion of the historical development of applied anthropology, problems of economic development of the Third World, and the ethics of applied research and intervention.

ANT 4750 Language and Social Interaction 6A (3) AS ANT
PR: ANT 3610 or DPR. Examines the role of language and other modes of communication in the social settings of speech communities. Students study projects focus on the cross-cultural description and analysis of patterns of communication in ethno graphic contexts.

ANT 4824 Analytical Field Methods (4-12) AS ANT
PR: ANT 3101, DPR. Offered as all or part of a summer (or other semester) field session. May or may not be combined with Florida Archaeology and Laboratory Methods in Archaeology. Students learn appropriate methods of archaeological survey, excavation, data and materials recovery, recording, and processing.

ANT 4901 Directed Reading (1-4) AS ANT

ANT 4905 Individual Research (2-4) AS ANT
PR: DPR. S/U only. Individual guidance in a selected research project. Contract required prior to registration.

ANT 4930 Special Topics in Anthropology (3) AS ANT
PR: DPR. Topics to be chosen by students and instructor permitting newly developing subdisciplinary special interests to be explored.

ANT 4932 Honors Seminar (4) AS ANT
PR: Admission to the honors program in anthropology and DPR. Seminar designed to provide the honors student with an opportunity to present, discuss and defend his/her own research and to explore in-depth topics in several areas of anthropology.

ANT 4935 Rethinking Anthropology 6A (3) AS ANT
PR: Senior standing with major in anthropology. Through discussion of readings and student papers, students rethink and reevaluate anthropological studies as a discipline and the integration of its branches and specialty fields. Students develop and articulate their curricula.

ANT 4970 Honors Thesis (3) AS ANT
PR: Admission to the honors program, completion of the honors seminar and DPR. S/U only. The student under the supervision of a faculty member will formalize, conduct, analyze, and report in writing a research project in anthropology.

ARA 1120 Modern Arabic I (4) AS WLE
CR: ARA 1120L. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition.

ARA 1120L Modern Arabic I Laboratory (1) AS WLE
CR: ARA 1120. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously.

ARA 1121 Modern Arabic II (4) AS WLE
PR: ARA 1120 or its equivalent. CR: ARA 1120L. A continuation of ARA 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

ARA 1121L Modern Arabic II Laboratory (1) AS WLE
CR: ARA 1121. Concurrent enrollment with a lecture session is required. Also, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

ARA 2220 Modern Arabic III (4) AS WLE
PR: ARA 2220 or its equivalent. For language students who intend to attain basic proficiency.

ARA 2221 Modern Arabic IV (4) AS WLE
PR: ARA 2220 or its equivalent. Continuation of ARA 2220. Practice of writing, speaking, and listening skills for language students who intend to attain basic proficiency.

ARA 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Arabic not available in regularly scheduled curriculum at departmental discretion.

ARA 4930 Selected Topics (1-5) AS WLE
Departmental approval required. Course permits classes in Arabic not available in the regularly scheduled curriculum at departmental discretion.

ARC 2131 Introduction to Architectural Design and Graphics FA (1) AS 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 4754 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 4831 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 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 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 recuperation in the 20th century. The present. Buildings and cities in their geographical, topographical, political, aesthetic, social, technological and economic context.

ARC 5361 Core Design I (9) 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 the process, and in the various academic courses that prepare the architect for practice.

ARC 5362 Core Design II (9) AR ARC
PR: ARC 5361, CC. Second of a 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 of design, and perceptual acuity are stressed.

ARC 5363 Core Design III (6) AR ARC
PR: ARC 5362, ARC 5467, ARC 5587, ARC 5731. CO: ARC 5587. Study of the principles 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 architects for design research. Examination of the process of design, application of design principles, and packaging of design solutions for a project of moderate scale and complexity.

ARA 4905 Directed Study (1-5) AS WLE
Departmental approval required. S/U only. Permits study options in Arabic not available in regularly scheduled curriculum at departmental discretion.
Emphasis will be on the built environment of Europe and America, historic architecture, and development of student's own approach. Political, aesthetic, social, technological, and economic context. Present. Buildings and cities in their geographical, topographical, political, economic, cultural, and other factors that influenced the discovery, growth, and urbanization of Florida as manifested by its architecture.

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 historic architecture, and development of student’s own approach. Emphasis will be on the built environment of Europe and America.
ARH 4724 History of Graphic Design (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.

ARH 4730 Greek Art (4) VP ART
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.

ARH 4740 Roman Art (4) VP ART
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.

ARH 4770 Greek and Roman Art (4) VP ART
A comprehensive study of Aegean, Mycenaean, Etruscan, Greek and Roman painting, sculpture and architecture.

ARH 4200 Medieval Art (4) VP ART
PR: DPR. A comprehensive study of early Christian, Byzantine and Medieval painting, sculpture, architecture and manuscript illumination.

ARH 4301 Renaissance Art (4) VP ART
PR: DPR. A comprehensive study of Renaissance and Mannerist painting, sculpture and architecture in Italy and Northern Europe.

ARH 4302 Venetian Art (4) VP ART
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.

ARH 4350 Baroque and Rococo Art (4) VP ART
PR: DPR. A comprehensive study of the painting, sculpture and architecture in France, Italy, Spain and the Netherlands in the seventeenth and early eighteenth centuries.

ARH 4430 Nineteenth Century Art (4) VP ART
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.

ARH 4450 Twentieth Century Art (4) VP ART
PR: ARH 2051. A comprehensive study of painting, sculpture and architecture from Cezanne to the present in Europe and the United States. Required of all art majors.

ARH 4455 Modern Political Iconography MW (4) VP ART
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.

ARH 4520 African Art (4) VP ART
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 meaning.

ARH 4530 Asian Art (4) VP ART
PR: Departmental Approval. An introduction to concepts of the arts of China, Japan and other Far Eastern countries.

ARH 4547 Buddhist Art (4) VP ART
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.

ARH 4557 Chinese Art (4) VP ART
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.

ARH 4710 History of Photography MW (4) VP ART
PR: ARH 2051. Comprehensive overview of the history of photography from its inception to the present day with an emphasis on the relationship of photography to the visual arts and popular culture.

ARH 4721C History of Printmaking 6A (3) VP ART
The history of Western printmaking from the Middle Ages to contemporary times, with an emphasis on artmaking technology and its role in the expansion of visual and cultural perspectives and theoretical/critical analytical capabilities. The course is open to majors and non-majors. It is not repeatable for credit.

ARH 4724 History of Graphic Design 6A (4) VP ART
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 contributions of influential designers throughout history.

ARH 4744 Selected Topics In The History of Film (4) VP ART
In-depth investigation of a selected period, development, or school in the history of film as art.

ARH 4800 Critical Studies In Art History 6A (4) VP ART
PR: Two advanced Art Histories. Specialized intensive studies in art history. Specific subject matter varies. To be announced at each course offering.

ARH 4890 Paris Art History (4) VP ART
PR: Minimum 8 hours of art history at the undergraduate level or equivalent. CI. This course will explore issues central to the history and criticism of art through the rich visual culture of Paris. Themes will include art and national identity, orientalism, the avant-garde and the role of the museum in the evolution of modern art.

ARH 4930 Art History: Selected Topics (2-4) VP ART
Lecture/discussion course designed to offer areas of expertise of visiting scholars or specific interests of resident faculty.

ARH 4937 Seminar In The History Of Art History (4) VP ART
PR: Four courses in Art History at the 4000 level. DPR. An examination of the and of Art History, a discipline and changing nature of Art History from Vasari to the present.

ARH 5451 Cultural and Intellectual History of Modern Art (4) VP ART
PR: CI. A course in which theories of modern artists and of critics and historians of Modernism are treated as a part of general cultural and intellectual history.

ARH 5813 Methods of Art History (4) VP ART
May be taken during the student’s first two semesters in the M.A. program. This course introduces students to various methods which art historians have used to analyze the form and content of individual works of art, and to various modes of historical explanation.

ARH 5836 Collection and Exhibition Management (3) VP ART
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 reporting, preparing works of art for transit, environmental standards for collections storage and exhibition, and the professional responsibilities of the curator.

ART 2201C Concepts and Practices I FA (3-4) VP ART
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.

ART 2203C Concepts and Practices II FA (3-4) VP ART
PR: ART 2201C (for majors). No prerequisites for non-majors. This course will synthesize and expand on the groundwork laid in Fabrications I, which is pre-requisite for majors, but not for non-majors. Fabrications II will focus on the significance of meaning and how it is constructed visually by researching 3 phases; I - the personal in images, We - images of cultural ideas, and They - images produced through collaboration.

ART 2301C Beginning Drawing (3) VP ART
PR: Majors Only. Projects exploring the methods, media, and concepts of drawing.

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 individual concepts.

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 materials, tools and processes.

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: Consent of instructor. 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 2201C. Majors Only. An exploration 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. Majors only. 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 3461C Selected Topics in Printmaking (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2400C, ART 3401C. Majors Only. Selected Topics in Printmaking is an intermediate course providing focused exploration of content specific to the discipline. It furthers the development of skills and critical discourse in the field. Majors only. Repeatable up to 15 hours.

ART 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 3513C Selected Topics in Painting (3) VP ART
PR: ART 2203C, ARH 2050, ARH 2051, ART 2301C, ART 3310C, ART 2400C, ART 3500C, 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 study of the issues and principles involved in the creation of experimental computer art. The course focuses on an interdisciplinary approach to electronic media.

ART 3613C Intermediate Electronic Media (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ART 3310C, ART 3612C, ARH 2050, ARH 2051. An intermediate exploration of the issues and principles 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 3612, ART 36313. 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, ART 2050, ART 2051. This course expands upon the principles and processes introduced in Beginning Sculpture, developing a higher level of technical competence and critical discourse in the field. Repeatable up to 15 hours.

ART 3712C Multiples, Molds, and Broncecasting (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, mold-making and broncecasting. This course may not be repeated for credit. The conceptual implications of the multiple will be taught through reading, lecture, discussion and demonstration.

ART 3715C 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. Majors only. Repeatable up to 15 hours.

ART 3761C Intermediate Ceramics (3) VP ART
PR: ART 2201C, ART 2203C, ART 2301C, ART 2750C, ART 3310C, ARH 2050, ARH 2051. Intermediate problems in ceramics are explored through the use of methods and media and the development of individual concepts. Repeatable up to 15 hours.

ART 3781C Selected Topics in Ceramics (3) VP ART
PR: ART 2203C, ARH 2050, ART 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 studies and projects in sculpture with an emphasis on site-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 3935 Studio Techniques: Selected Projects (2) VP ART
PR: DPR. Concentration in specialized technical data and process. Repeatable.

ART 3939 The Real World (3) VP ART
Restricted to studio majors. Offers 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. This course is designed as an advanced printmaking studio and emphasizes content and meaning in visual imagery. The student is encouraged to work in a specific printmaking medium (intaglio, relief, lithography or screen printing) and develop a cohesive series of images.

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. Repeatable.

ART 4654C Visual Design for the Internet (3) VP ART
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: ARH 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 4890(4) Directed Reading (3) 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 assigned 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 print 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. 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 open to B.F.A. candidates.

ART 5390C Drawing (4) VP ART

ART 5422C Lithography (4) VP ART
PR: ART 4402C, CI, DPR. Advanced problems in various lithographic techniques. Emphasis on individual creative expression. Repeatable.

ART 5448C Intaglio (4) VP ART
PR: CI. Registration by contract only. Investigations into more complex intaglio processes including photoengraving and color printing procedures. Emphasis on personal conceptual development in graphic media.

ART 5580C Painting (4) VP ART

ART 5740C Sculpture (4) VP ART

ART 5790C Ceramics (4) VP ART
PR: ART 2750C, 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.

ART 5936 Studio Techniques: Selected Projects (2) VP ART
PR: DPR. Concentration in specialized media or processes. Repeatable.

ASH 2270 Southeast Asian History (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 (3) AS HTY
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 (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 (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, satellites exploration of the moon, life on other worlds. This course is complementary to but independent of AST 2004. Either may be taken before the other or taken by itself.

AST 2004 Stellar Astronomy and Cosmology (4) AS AST
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 (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 will be 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 (1-4) VP ART
PR: Senior or advanced standing or CI. Extensive coverage of special topics to suit needs of advanced students.

BCH 3023 Introductory Biochemistry (3) AS CHM
PR: CHM 2200 or CHM 2211 and BSC 2010. Introduction to the chemistry and intermediary metabolism of biologically important substances. Lec.

BCH 3023L Basic Biochemistry Laboratory (2) AS CHM
CR: BCH 3023. Practical work in determination and characterization of important biomolecules. Lec.-lab.

BCH 4034 Advanced Biochemistry (3) AS CHM
PR: BCH 3023. An advanced undergraduate course emphasizing such topics as metabolic regulation, DNA and RNA structure and function, receptors, channels, antibodies, and protein conformation.

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 undergraduates. Lec.

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). This course is designed to convey the basics of biological systems and the role 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 nonmajors.
biochemistry, cell structure and function, tissues, anatomical terminology, anatomy and physiology of the integumentary, skeletal, muscular, and nervous systems. Lecture and Laboratory.

BSC 2094C Human Anatomy and Physiology II (4) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2111, BSC 2111L, 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 2932 Selected Topics in Biology (1-4) AS BIO
The course content will depend on student demand and instructor's interest.

BSC 2933 Honors Seminar II: Philosophy and Ethics of Science (3) AS BIO
PR: BSC 2931, BSC 2931L, 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 2934 Honors Seminar III: Scientific Approaches (3) AS BIO
PR: BSC 2933, CI. Enrollment is limited to Department of Biology Honors Students. The course will familiarize students with the process of conducting scientific research.

BSC 2938 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. Course is designed to introduce Honors students to various research fields and current research in the Department. Faculty members present research seminars and discuss their work.

BSC 3312 Marine Biology (3) 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. 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 MW (3) AS BIO
Not for major's credit. Study of biological, economic, ethical, legal, political and social issues relating to current environmental problems.

BSC 4313C Advanced Marine Biology (4) AS BIO
PR: BSC 3312C A detailed analysis of marine environment in the Tampa Bay or surrounding area. Field and laboratory work will provide direct experience 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.

BTE 49401 Special Teaching Methods: Business Education (4) ED
PR: Successful completion of BE competencies. Methods, techniques, and materials for skill development.

BTE 4909 Directed Study: Business Education (1-3) ED
PR: Successful completion of BE competencies. May be taken by majors for free elective credit only.

BTE 4936 Seminar in Business and Office Education (2) ED
PR: Senior standing; CR: BTE 4940. Synthesis of teacher candidate's course work in complete course program.

BTE 4940 Internship: Business Education (1-12) ED
CR: BTE 4936. S/U only. One full semester of internship in a public or private school. In special programs where the internship experience is distributed over two or more semesters, students will be registered for credit which accumulates from 9 to 12 semester hours.

BTE 4988 Field-Based Seminar in Business Education (3) ED
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 environments, and 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.

CAP 4034 Computer Animation Fundamentals (3) EN ESB
PR: EEL 4851C. Machine learning methods are discussed. Methods to visualize machine learning are discussed. Machine learning methods are discussed.

CAP 4410 Computer Vision (3) EN ESB
PR: EEL 4851C. Introduction to topics such as image formation, segmentation, feature extraction, matching, shape recovery, texture analysis, object recognition, and dynamic scene analysis.

CAP 4900 Digital Image Processing (3) EN ESB
PR: EEL 4851C or GS. Image formation, sources of image degradation, image enhancement techniques, edge detection operators and threshold selection, low-level processing algorithms for vision, image data compression.

CAP 5625 Introduction to Artificial Intelligence (3) EN ESB
PR: EEL 4851C or GS. Basic concepts, tools, and techniques used to produce and study intelligent behavior. Organizing knowledge, exploiting constraints, searching spaces, understanding natural languages, and problem solving strategies.

CAP 5682 Expert And Intelligent Systems (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.

CAP 5902 EN Data Mining (3) EN ESB
PR: Undergraduate Statistics. An introductory course to mining information from data. Scalable supervised and unsupervised machine learning methods are discussed. Methods to visualize and extract heuristic rules from large databases with minimal supervision is discussed.
CBH 4004 Comparative Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. The study of the behavior, similarities, and differences in capacities for environmental adjustment and for behavioral organization among important types of living beings.

CCE 4034 Construction Management (3) EN EGX
PR: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, construction project analysis, planning, project control, construction administration, quality and safety management, and use of computer software in construction management.

CCE 5035 Construction Management & Planning (3) EN EGX
PR: EGN 3613C. Fundamentals of construction management. Topics include: general definitions, organizational roles, types of contracts, analysis of labor and equipment, cost estimating, contractor cash flow analysis, planning and scheduling, project control, construction administration, quality and safety management, and use of computer software in construction management.

CCJ 3003 Crime and Justice in America SS (4) AS CJP
May be taken by both majors and non-majors for credit. This course is a non-technical survey of the nature of crime in the United States and the ways in which our society seeks to deal with criminal offenders and victimization. May include the options the criminal justice does (or does not) have to deal with these reported crimes, and the consequences of the system’s response. Open to non-majors with CI.

CCJ 3024 Survey of the Criminal Justice System SS (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Focuses on understanding of crime, with concentration on social, philosophical, and philosophical aspects of the administration of criminal justice agencies. The major focus will be on law enforcement and correctional agencies.

CCJ 3610 Theories of Criminal Behavior (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Provides a basic understanding of the complex factors related to crime, with concentration on principal theoretical approaches to the explanation of crime.

CCJ 3621 Patterns of Criminal Behavior (3) AS CJP
PR: Junior standing. Reviews the nature and extent of the crime problem. The course will concentrate on major patterns of offender behavior including crimes against the person, property crimes, violent crimes, economic/white collar offenses, syndicated (organized) crimes, consensual crimes, female crime, political crime, and will examine criminal career data.

CCJ 3701 Research Methods in Criminal Justice I (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Introduces the student to some of the fundamentals of knowledge-generating processes in criminal justice.

CCJ 4450 Criminal Justice Administration (3) AS CJP
PR: Junior standing, CJE 4114 or CJT 4100 or CI. This course is designed to provide an in-depth examination of both the practical and theoretical aspects of the administration of criminal justice agencies. The major focus will be on law enforcement and correctional agencies.

CCJ 4500 Abnormal Behavior and Criminality (3) AS CJP
PR: Junior standing, CCJ 3610 or CI. A systematic introduction to the relationship between mental illness and criminality, with focus on psychiatric labeling of deviant behavior and its implications for the handling of the criminal offender.

CCJ 4700 Statistical Research Methods in Criminal Justice II (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. Beginning with the scientific method, the tools commonly used to analyze criminal justice data will be emphasized. Recommended for students who intend to continue their education beyond the B.A. Required of students attending the MA program in CCJ at USF.

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 CCJ credit hours 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 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 research in the area of criminal justice, under the close supervision of a faculty member of the program.

CCJ 4910 Directed Research (1-3) AS CJP
PR: Junior standing, CCJ 3024, CCJ 3610, CCJ 3621, CI. S/U only. (a) Students wishing to enroll must make arrangements with a faculty member during the semester prior to actually taking the course. (b) A minimum of four CCJ credit hours 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 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 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 CJE 4114 or CI. Focuses on some of the most critical issues in law enforcement today including: understanding and controlling police use of deadly force; police 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 MW (3) AS CJP
PR: Senior standing, CCJ 3024, CCJ 3621, CCJ 3610 and CI. Students propose variable topic seminars are used for an 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 reported crimes, and the consequences of the system’s response. Open to non-majors with CI.

CCJ 4940 Internship For Criminal Justice Majors (3) AS CJP
PR: Senior standing, CCJ 3024, CCJ 3610, CCJ 3621, S/U only. No more than 9 hours of CCJ 4940 will be accepted toward the elective hours required for the major. The internship will consist of placement with one or more of the agencies comprising the criminal justice system. This course will enable the students to gain meaningful field experience related to their future careers. The three-hour block of credit will require a minimum of ten hours of work per week during a fall or spring term, fifteen hours per week in summer, within the host agencies in addition to any written work or reading assignments. See requirements for the B.A. degree in Criminology for the number of hours required.

CCJ 4970 Honors Thesis (3) AS CJP
PR: CCJ 4934 (honors section), CCJ 4910. The student, under the direction of a faculty member, will formalize, conduct, analyze, and report in writing a research project in the Department of Criminology. The course is not repeatable. Majors only.

CDA 3101 Computer Organization for Information Technology (3)
PR: Any Physics course and CGS 3303, or CI. Elements of the computer are discussed in terms of the physical and conceptual design of memory, processors, buses, and I/O devices. Organization of the system is cast in a meta-language that captures the logical and physical nature of the computer.

CDA 3103 Computer Organization (3) EN ESB
PR: PHY 2049 or PHY 2054 and DPR. Introduction to computer hardware, logic elements and Boolean algebra, computer arithmetic, the central processing unit, assembly language programming, input/output, and memory.

CDA 3201 Computer Logic and Design (3) EN ESB
PR: CDA 3013, COP 3514; CR: CDA 3201L and Degree Program Admission. CS&E and EE majors. Others by special permission. Advanced coverage of Boolean Algebra, instruction to manipulation of combinational logic circuits, analysis and synthesis of sequential circuits, testing of logic circuits and programmable logic devices.

CDA 3201L Computer Logic Design Lab (1) EN ESB
CR: CDA 3201.

CDA 4100 Computer Organization and Architecture (3) EN ESB
PR: EEL 4705. Elements of computer systems; processors, memories and switches. Register transfer representation of a computer. ALUs and their implementation. The control unit. Memory and I/O. Hardware support of operation system functions.

CDA 4203 Computer System Design (3) EN ESB
PR: CDA 3201, CDA 3201L. Design Methods, Top-Down design, Boolean Blocks, Instruction and addressing models, minicomputer design, interfacing.

CDA 4203L Computer System Design Lab (1) EN ESB
CR: CDA 4203. This lab introduces the student to the concept of system design. Several projects are given including building timing circuits, memory-based and communication circuits, and microcomputer-based designs.
CEN 4721 User Interface Design (3) EN ESB
PR: EEL 4851C. An examination of factors influencing the usability of 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.

CEN 3102 Structures I (3) EN EGX
PR: EGN 3331. Analysis of simple structural systems, both determine and indeterminate. Moment area theorems; influence lines; introduction to steel design.

CEN 4141 Finite Element Analysis I (3) EN EGX

CEN 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.

CEN 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.

CEN 4702 Concepts of Concrete Design (3) EN EGX

CEN 4720 Capstone Structural/Materials Design (3) EN EGX
PR: EGN 3365, CES 4605, CES 4702. 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.

CEN 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.

CEN 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.

CEN 5105C Advanced Mechanics of Materials I (3) EN EGX
PR: EGN 3331, MATH 2232. Analytical study of the mechanical behavior of deformable solids. Basic concepts, stress and strain transformations, special topics in beams, theory of elasticity, criteria of failure, beams on elastic foundation.

CEN 5209 Structural Design (3) US EIT
PR: CES 3102, EGN 3321. Behavior of structural components and systems when subjected to periodic dynamic loads.

CEN 5715C Prestressed Concrete (3) EN EGX
PR: CI. majors only. Fundamental principles of prestressing; calculation of losses; stress analysis and design of simple beams for flexure and shear. Examples of pressures applications.

CGN 3021L Civil Engineering Laboratory (2) EN EGX
PR: CES 3102, EGN 3353, EGN 3365. A laboratory experience in departmental facilities including the subject areas of materials, fluids, environmental engineering, and computer assisted data acquisition.

CGN 4112 Professional and Ethical Issues in Engineering (3) EN EGX
The professional and ethical responsibility of engineers. The legal and ethical responsibilities of engineers in the preparation of contracts and specification. The ethics of engineer-client agreements.

CGN 4851 Concrete Construction Materials (3) EN EGX
PR: EGN 3365. Classifications and production of cements. Design and testing of concrete mixes to produce desired properties.

CGN 4905 Independent Study (1-5) EN EGX
PR: CC, S/U only. Specialized independent study determined by student and departmental interest.

CGN 4911 Research in Civil Engineering and Environmental Engineering (1-4) EN EGX
PR: CC. Research course in civil and environmental engineering concepts.
CGN 4914 Senior Project (2-5) EN EGX
PR: CI. Problem-solving experience and training for seniors in research and/or design projects. Written final reports are required.

CGN 4933 Special Topics in Civil and Environmental Engineering (1-5) EN EGX
PR: CI. New technical topics of interest to civil engineering students.

CGN 5933 Special Topics in Civil Engineering and Mechanics (1-5) EN EGX
PR: CI. New technical topics of interest to civil engineering students.

CGS 2060 SC Introduction to Computers and Programming in Basic 6A (3) EN ESB
No credit for Engineering Majors. An overview of computer systems and their role in society. Survey of the evolution of computer software and hardware technology with emphasis on current applications. Introduction to programming using the BASIC language.

CGS 2062 Computers And Society (3) EN ESB
No credit for Engineering Majors. For non-engineering majors only. This computer literacy course covers the fundamentals of hardware, software, and programming languages, presents a broad overview of data processing concepts, problems and applications for students with little or no computing background.

CGS 2100 Computers In Business (3) BA QMB
A study of the impact of computers in all areas of business organizations. Course includes hands-on experience and the use of software packages for business analysis.

CGS 2835 Special Topics in General Computer Studies (1-3) EN ESB
Courses are one-time topics in general computer studies, applicable to all students. Specific course titles will be specified when the course is posted on the schedule.

CGS 3303 IT Concepts (3) US EIT
PR: Any PHY course. A lecture and problem solving course which deals with subjects related to computers and information technology. A broad range of conceptual and practical topics in IT are covered.

CGS 3823 IT Web Design (3) US EIT
PR: COP 2510 or equivalent. An overview of how the Internet and the WWW evolved, and how Electronic Commerce is supported by web pages. The student will do exercises relative to HTML and how browsers show that code. The student will also learn to use web page development packages.

CGS 3845 Electronic Commerce (3) US EIT
PR: COP 2510 or equivalent. An overview of how E-Commerce evolved, what EC is; how it is being conducted and managed; its major opportunities, issues, and risks. Discussions include: The Internet, intranets, firewalls, etc. Exercises will use various Web and software packages.

CGS 5765 Introduction to Unix and C (3) EN ESB
No credit for Department of Computer Science & Engineering majors. Unix operating system, Internet resources, Network, WWW and HTML. ANSI C language, syntax, Arrays and pointers. Iterations and recursions. Header files and macros. C libraries. Structuring data. File I/O.

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 III (4) AS WLE
PR: CHI 1121 or the equivalent. 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: 550 SAT Quantitative score or completion of MAC 1105 College Algebra with a C or better AND one year of high school chemistry or completion of CHM 2023 with a grade of C or better. Principles and applications of chemistry including properties of substances and reactions, thermochemistry, atomic-molecular structure and bonding, periodic properties of elements and compounds.

CHM 2045L General Chemistry I Laboratory (1) AS CHM
CR: 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. Lec.-dis.

CHM 2046L General Chemistry II Laboratory (1) AS CHM
CR: CHM 2045L. Laboratory portion of General Chemistry II. Continuation of chemistry laboratory.

CHM 2200 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

CHM 2211 Organic Chemistry II (3) AS CHM
PR: CHM 2210 or equivalent. Continuation of organic chemistry laboratory.

CHM 2211L Organic Chemistry Laboratory II (2) AS CHM

CHM 2832 Selected Topics in Chemistry (3) AS CHM
Topics of interest to students relating to chemistry and other sciences.

CHM 3120C Elementary Analytical Chemistry (4) AS CHM

CHM 3400 Elementary Physical Chemistry I (3) AS CHM
PR: CHM 2046, CHM 2046L, MAC 2281 or MAC 2311, PHY 2054, PHY 2054L. Introduction to thermodynamics. Properties of solutions with emphasis on biological applications.

CHM 3610 Intermediate Inorganic Chemistry (3) AS CHM
PR: CHM 2046, CHM 2046L. Fundamental principles of inorganic chemistry including atomic structure, bonding, transition metal chemistry and stoichiometric methods.

CHM 3610L Intermediate Inorganic Chemistry Laboratory (1) AS CHM
PR: Two semesters of general chemistry lecture and lab. CR: CHM 3610. Illustrative laboratory work concerning the fundamental principles of inorganic chemistry including atomic structure, bonding, transition metal chemistry, structural consequences and spectroscopic methods.

CHM 4060 Use of the Chemical Literature (1) AS CHM
Discussions and assignments using abstracts, bibliographies, indexes, encyclopedias, journals, patent files, electronic databases, and other information sources to obtain chemical and technical material and including written and oral presentations. Career information and opportunities also discussed.
CJC 4010 American Correctional Systems (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 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 4116 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 interventions and treatment approaches.

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 4144 Private Security Systems (3) AS CJP
PR: Junior standing plus CJE 4114, CCJ 3024, CCJ 3610, CCJ 3621 or CI. Examines some of the principal methods and techniques currently used to reduce or prevent losses due to theft and casualty.

CJL 3110 Substantive Criminal Law (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610, or CI. Examines the historical basis of the American criminal law system, the substantive elements of the crime, and court procedures.

CJL 4115 Environmental Law and Crime (3) AS CJP
PR: Junior standing, CCJ 3024 or CCJ 3610 or CI. The course provides students with an introduction to issues in the area of environmental crime and environmental law.

CJL 4410 Criminal Rights and Procedures (3) AS CJP
PR: Junior standing, CCJ 3024 or CI. Emphasizes the Constitutional issues and rules that are applied and enforced by the courts while processing criminal cases.

CJT 4100 Criminal Investigation (3) AS CJP
PR: CCJ 3024 or CCJ 3610 or CI. Covers the major components of criminal investigation, with special attention to the scientific aspects of criminal investigation and the management of major cases.

CLA 3103 Greek Civilization HP (3) AS WLE
Study of Greek Civilization from its beginning to the Roman period, with emphasis on social customs, political institutions, and daily life.

CLA 3124 Roman Civilization HP (3) AS WLE
Study of Ancient Roman Civilization with emphasis on social customs, political institutions, and daily life.

CLA 3501 Women in Antiquity 6A LW (3) AS WLE
The life of women in the ancient Greek and Roman world, through lecture, video, and slide presentations. The course is not restricted to majors and cannot be repeated for credit.

CLA 3930 Selected Topics (3) AS WLE
An examination of various aspects of Greek and Roman Culture, based on ancient sources, literary and archaeological. Repeatable as topics vary.

CLA 4030 Selected Topics (1-4) AS WLE
Course content depends on student demand and instructor's interest and may range over the whole field of ancient languages, literatures and civilizations. Offerings on a semi-regular basis include Tongues of the Bible and the Bible as History, literatures and civilizations. Offerings on a semi-regular basis as topics vary.

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 4414 Behavior Modification (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 Psychological 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 for intellectual and personality assessment including their applications, development, and potential abuses.

CLT 2043 Wordpower from Latin and Greek (3) AS WLE
Study of Greek/Latin vocabulary, its adoption into English and current usage. Attention given to Greek/Latin stems, prefixes, suffixes.

CLT 3040 Scientific and Medical Terminology (3) AS WLE
A course in the Greek and Latin word elements used in science and technology.

CLT 3103 Greek Literature in Translation 6A MW (3) AS WLE
Reading and discussion of major works in Greek literature. Special emphasis is placed on the Aeneid, 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.

CLT 3123 Roman Literature in Translation 6A MW (3) AS WLE
Reading and discussion of major works in Roman literature. Special emphasis is placed on the Aeneid, comedy and satire. Some attention is given to the political background of the works. All readings are in English.

CLT 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.

CNT 3403 Network Security and Firewalls (3) US EIT
PR: EEL 4782. This course surveys network security standards and emphasizes applications that are widely used on the Internet and for corporate networks. This course also examines Firewalls and related tools used to provide both network and perimeter security.

COM 2000 Introduction to Communication SS (3) AS SPE
Introduction to the roles, contexts, and issues in contemporary human communication. Required of Communication majors.

COM 3014 Communication, Gender and Identity (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Examines the communicative origins and implications of gender roles.

COM 3110 Communication For Business and the Professions (3) AS SPE
For non-majors only. Identification of communication situations specific to business and the professions. Analysis of variables related to communication objectives and preparation of oral presentations in the form of informational reports, conference management, persuasive communications, interviews, and public hearing.

COM 3120 Introduction to Communication Theory in Organizations (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 3122 Interview Communication (3) AS SPE
A study of communication theory relative to persuasive interviewing with an emphasis on career interview situations.

COM 4020 Communicating Illness, Grief, and Loss 6A (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Focus on stories of illness, grief, and loss to make sense of these experiences; to understand the cultural and rhetorical influences on how stories are told; and to explore the context of everyday life, romantic relationship, families, institutions, and culture in which they occur.

COM 4022 Health Communication (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Application of communication theory and research to the health context including provider-patient communication, health information campaigns, and health beliefs and behavior. Special attention to the value issues in health communication.

COM 4030 Women and Communication 6A MW (3) AS SPE
Examines women's patterns of communication in a variety of contexts. Also offered under Women's Studies.

COM 4124 Communication and Organizational Change (3) AS SPE
PR: COM 2000 with C or above and COM 3120 or consent of instructor (CI). An advanced course covering current issues in organizational transformation (e.g., organizational dialogue, learning organizations, reengineering, work teams), and the role communication processes play in such changes.

COM 4710 Writing Lives 6A (3) AS SPE
PR: Junior/Senior standing or CI. Emphasizes writing stories about our lives and the lives of others as a way to understand, cope with and communicate social experiences.

COM 4942 Communication Intern Seminar (3) AS SPE
PR: Communication major, minimum GPA 3.0, 75 hours completed, 15 hours of core requirements and 9 elective hours completed, and CI. Seminar provides students with an opportunity to put into practice concepts and skills acquired in their study of communication. Weekly seminar sessions augment intern experience. Application for seminar must be submitted one semester prior to seminar offering.
Algorithms are used to understand many of the concepts and storage management policies. PR: EEL 4851C. Introduction to systems programming. Design and linear algebra with symbolic programming systems such as interpreters.

On creation of programs to be developed and maintained in a networked environment. PR: COP 2510 or CI. Concepts associated with the design and language in a networked environment.

Students will also build upon their previous knowledge from a procedural language to an object-oriented language. Analysis of program requirements.

Advanced applications of ANSI Standard COBOL. 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.

Theoretical application of mathematic concepts to coding theory and cryptography. PR: EEL 4851C, COT 3100. Advanced topics in discrete mathematics: number theory, groups, rings and fields, finite fields, and combinatorics, as applied to computer systems.

The Web services model, based on the Open Standards of SOAP, WSDL, and UDDI, is studied and applied. PR: CI. Completion of prerequisites for admission to IT program. This course introduces eXtensible Markup Language (XML), a technology for exchanging structured information over the Internet, and examines a sampling of its many applications.

This course introduces eXtensible Markup Language (XML), a technology for exchanging structured information over the Internet, and examines a sampling of its many applications. 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.

Students to use the C programming language and the MATLAB environment to develop solutions to small scale scientific and engineering problems. PR: MAC 2281, MAC 2311 or MAC 2241. This class prepares students to use the C programming language and the MATLAB environment to develop solutions to small scale scientific and engineering problems.

Concepts and design principles and analysis techniques applicable to various classes of computer algorithms frequently used in practice. PR: COT 3100, EEL 4851C. Introduction to the theory and application of various types of computing devices and the languages they recognize.

Design principles and analysis techniques applicable to various classes of computer algorithms frequently used in practice. PR: COT 3100, EEL 4851C. Design principles and analysis techniques applicable to various classes of computer algorithms frequently used in practice.

Studies political systems with common elements. Structure, political organization in traditional African societies; politics under colonial rule; the struggle for independence, and post-independence politics.

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. Students implement operating system algorithms in stand-alone mode, and modify real operating system code. Students implement and test algorithms in a lab environment.

A survey of current Information Technology topics are covered to keep the IT student abreast of the vast variety of domains associated with their major. Speakers with a wide variety of IT experience will give seminars to senior IT students.

An analysis of the ideologies, governmental structures, and political processes of selected nations of the non-Western world. PR: MAC 2281 or equivalent. Introduction to set algebra, propositional calculus and finite algebraic structures as they apply to computer systems.

Implementations of such systems. 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.

Advanced topics in discrete mathematics: number theory, groups, rings and fields, finite fields, and combinatorics, as applied to computer systems. Theoretical application of mathematic concepts to coding theory and cryptography.

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and proceeding through the many processes of revision to arrive at a complete work of art.

CRW 3121 Fiction II (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 rondel, ballade, sonnet, sestina, etc. Principles in the narrative, dramatic, and lyric modes are also explored.

CRW 3321 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 3322 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 3121. An advanced fiction workshop in which works may be carried over from CRW 3121 or longer terms such as the novel may be begun.

CRW 4322 Poetry III (3) AS ENG
PR: CRW 3311, CRW 3312, CRW 3321. An advanced poetry workshop in which students are expected to create works exhibiting a firm knowledge of the principles explored in the preceding courses.

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 sustaining and increasing the quantity 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 4812 Capstone Water Resources/Environmental Design MW (4) EN EGX
PR: CWR 4103, ENV 4001. CR: ENV 4417, CWR 4202, CEG 4010 or TTE 4405. 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 six credit hours.

DAA 2104 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 2204 Ballet I (2) VP DAN
PR: Admission by placement audition. A studio class for students with a serious interest in Ballet. Further emphasis on correct alignment of the body and a progressive development of positions and barre exercises as well as the application of combinations in center work using classical Ballet vocabulary (French terms). May be repeated.

DAA 2500 Fundamentals Of Jazz Dance (2) VP DAN
A basic movement work 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 is on highly stylized movement with a strong rhythmic base. May be repeated.

DAA 2540 Theatre Dance Styles (2) VP DAN
PR: DAA 2500 or DAA 2504 or CI. Development of technical skills in social and historical dance forms frequently stylized for use by dance/chorographers. Forms to be studied will include polka, clogging, waltz, folk, tap dancing, etc. May be repeated up to 6 credits.

DAA 2704 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 auditon. 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 3208C Ballet II (3) VP DAN
PR: Admission by placement audition. Positions and barre exercises. Emphasis on correct alignment of the body and the application of simple step combinations in centre work. The use of ballet vocabulary (French terms). Material 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 3308 Ballet Variations (1) VP DAN
PR: DAA 3309. 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 3395 World Dance Topics (1) VP DAN
Students will experience fundamental knowledge of dance reflecting various world cultures. In addition to a dance/movement component, a connection will be made to historical, spiritual/religious, ethnological and environmental indigenous aspects of people involved in dance as a cultural experience. May be repeated.

DAA 3614 Choreography I (2) VP DAN
PR: DAA 3614, CR: DAA 3108. BFA students must be 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.

DAA 3615 Choreography II (2) VP DAN
PR: DAA 3614. Preparation of studies in rhythm, dynamics, form and motivation.

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 3654 Repertory I (1) VP DAN
PR: Admission by audition. The development and performance of solo and/or group dance works.

DAA 3684 Repertory II (1) VP DAN
PR: Admission by audition. The development and performance of solo and/or group dance works.

DAA 3686 Junior Performance Project (1) VP DAN
PR: Admission by audition. Required for junior dance majors. Involves rehearsal and performance of work presented by a senior dance major in the dance program. Open to all university students proficient in dance techniques and concurrently enrolled in technique courses. Repeatable.
DAN 2100 Introduction To Dance (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 4611 Ballet Dance 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 4616 Choreography III (2) VP DAN  
PR: DAA 3615. CR: DAA 3109 or above. Work directed toward duets and group dances. The students will submit choreography ideas for instructor’s approval, then proceed with rehearsals. Lec-lab., reading. Rehearsal hours to be arranged.

DAA 4617 Choreography IV (2) VP DAN  
PR: DAA 4616. The student will prepare studies based on free form, minimal art, and chance methods. Lec-lab., reading.

DAA 4665 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 4667 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 4694 Senior Choreography Project (1) VP DAN  
PR: Dance majors with senior standing. The creation of an original group work and solo within the senior’s major concentration-ballet or modern. To be performed and presented with the concurrence of a faculty advisor.

DAN 4920 Dance Studies (1-4) VP DAN  
PR: CI and CC. Dance Major status. Individual study to extend competency in technique and performance of Dance through participation in special workshops and classes.

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.

DAN 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.

DAN 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 the Pre-K and elementary students.

DAN 4340 Dance Pedagogy: Secondary Curriculum (3) VP DAN  
This course is designed to meet the needs of students in Dance Education to understand the scope and sequence of dance curriculum design and teaching methods appropriate to the secondary student.

DAN 4397 Special Studies Dance Education (3) VP DAN  
PR: CI and CC. PR: CI and CC. For majors and non-majors. Designed to provide prospective dance teachers with opportunities to develop concepts of pedagogy based on principles of teaching-learning in dance techniques and choreography. May be repeated up to 9 credit hours.

DAN 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.

DAN 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 internship 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  
For majors and non-dance majors, a study of the art and language of dance through lectures, discussions, concert attendance, and studio practice. Designed to develop awareness and insight of this art form through discussion, observation, writing, and movement experience.

DAN 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 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 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.

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 4180 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-assessment 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 4503 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 techniques.

DAN 4906 Directed Study (1-5) VP DAN  
PR: CI. CC. Independent studies in the various areas of Dance. Must receive approval prior to registration. May be repeated.

DAN 4930 Selected Topics in Dance (1-5) VP DAN  
PR: CI and CC. The content of the course will be governed by student and instructor interest. May be repeated by majors.

DEC 4161 Program Management of Distributive and Marketing Education (3) ED EDV  
The study of the purposes, processes, organization, planning, directing, coordinating and evaluation of Distributive and Marketing Education Cooperative Programs.

DEC 4341 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.
EAP 1850 English for Foreign Students I (3) AS WLE
PR: ECH 4265C or ECH 4265C or ECH 4265C and CI. 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 4615 Product and Process Systems Engineering (3) EN ECH

ECH 4845 Numerical Methods in Chemical Engineering (4) EN ECH
PR: ECH 4264, ECH 4343, ECH 3343. Computer usage in chemical engineering. Use of computer methods to solve chemical engineering problems. Solution of linear and nonlinear algebraic and differential equations that arise in chemical engineering. Optimization, computer programming, working with a computer.

ECH 4905 Independent Study (1-4) EN ECH
PR: CI. Specialized independent study determined by the student’s needs and interests. Students must have contract with instructor.

ECH 4930 Special Topics in Chemical Engineering I (1-4) EN ECH
PR: CC.

ECH 4931 Special Topics in Chemical Engineering II (1-4) EN ECH
PR: CI.

ECH 4936 Undergraduate Seminar (1) EN ECH
CP: ECH 3023C, ECH 3343, ECH 3343 or MAP 2302. Computer usage in chemical engineering. Use of computer methods to solve chemical engineering problems. Solution of linear and nonlinear algebraic and differential equations that arise in chemical engineering. Optimization, computer programming, working with a computer.

ECH 520 Chemical Process Engineering I (4) EN ECH
PR: Bachelors degree in science, math, or engineering. The course presents the principles of mass balances, classical thermodynamics, phase equilibria, energy balances, and psychrometrics. The student will learn by doing many case studies. Computer software will be used to obtain solutions to many problems.

ECH 521 Chemical Process Engineering II (4) EN ECH
PR: Bachelors degree in science, math, or engineering. Basic concepts of fluid mechanics, heat and mass transfer, separation processes, and chemical reactors. Not available for chemical engineering students.

ECH 532 Chemical Process Engineering III (4) EN ECH
PR: Bachelors degree in science, math, or engineering. Basic concepts of fluid phase equilibrium, chemical equilibrium, separation processes, and chemical reactors. Not available for chemical engineering students.

ECH 5324 Automatic Process Control II (3) EN ECH
PR: ECH 4323C or CI. majors only / 2 hrs lec., 3 hrs. lab/week. The course covers the root locus and frequency response methods to study stability of control loops. The techniques of ratio, cascade, feed forward, selective, override, and multi-variable control techniques are discussed in detail and shown how to utilize to design control systems, z-transforms and discrete controllers including PID, Dahlin and deadline compensation.

ECH 5327 Chemical Process Control (4) EN ECH
PR: Bachelors degree in science, math, or engineering. Basic concepts of feedback control, process dynamics, process controllers (PID) including tuning, control loop stability, cascade, ratio, selective, override, feedforward, and multivariable control. Not available for chemical engineering students.

ECH 5700 Theory and Design of Bioprocesses (4) EN ECH
Introduction to biotechnology, including applied microbiology, enzyme technology, biomass production, bioreactor design, and transport processes in biosystems.
ECH 5747C Selected Topics in Chemical Engineering Biotechnology (1-3) EN ECH
PR: Senior or GS standing in engineering or CI. Open to majors and non-majors with CI. Selected topics in engineering in biotechnology, including cell separation technology, immobilized enzymes and cells, food engineering, biohazardous waste, and bioseparations.

ECH 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.

ECH 5820 Product Development (2) EN ECH
PR: Senior or GS in Engineering or CI. Introduction to the development of consumer products, including the history of innovation, creativity development, the product development environment, and a detailed examination of several product areas.

ECH 5930 Special Topics III (1-4) EN ECH
PR: CI.

ECH 5931 Special Topics IV (1-4) EN ECH
PR: CI.

ECO 1000 Basic Economics SS (3) BA ECN
No credit after completing either ECO 2023 or ECO 2013. Survey of economic principles and issues. Scarcity, choice, markets, prices, the monetary system, unemployment, inflation, international trade and finance.

ECO 2013 Economic Principles (Macroeconomics) SS (3) BA ECN
Introduction to the theory of income determination with emphasis on monetary and fiscal policies. Objectives of full employment, price stability, economic growth and balance of payments stability.

ECO 2023 Economic Principles (Microeconomics) SS (3) BA ECN
Introduction to the theory of price determination. How an economy decides what to produce, how to produce, and how to distribute goods and services.

ECO 2935 Selected Topics In Economics (1-3) BA ECN
Not available for credit to upper-level students admitted to the College of Business. Topics selected by department. May be repeated if topics vary.

ECO 3101 Intermediate Price Theory (3) BA ECN
PR: ECO 2023. The price system and allocation of scarce resources between competing uses. May not receive credit for both ECP 3703 and ECO 3101.

ECO 3203 Intermediate Macroeconomics (3) BA ECN
PR: ECO 2013 and ECO 3703 or ECO 3101 with a grade of "C" or better. Determination of income, employment, prices, and interest rates. Aggregate demand and aggregate supply.

ECO 3302 American Economic History (3) BA ECN
PR: ECO 2023 or ECO 2013. Growth and evolution of American economic institutions from Colonial times to the present.

ECO 3703 International Economics MW (3) BA ECN

ECO 4105 Advanced Price Theory (3) BA ECN
PR: ECO 3703 or ECO 3101 with a grade of "B" or better. An advanced survey of special topics in microeconomics: borrowing and saving, decision making under uncertainty, markets for capital and labor, game theory, production and exchange efficiency, social welfare, and efficiency consequences of market and non-market allocation.

ECO 4201 Advanced Macroeconomic Theory (3) BA ECN
PR: ECO 3203 with a grade of "B" or better. An advanced analysis of a particular topic or topics in macroeconomics. Areas of study include the theories of money, growth, and business cycles. Discussions of how such theories accord with the data are also presented.

ECO 4303 History Of Economic Thought (3) BA ECN

ECO 4323 Radical Political Economy MW (3) BA ECN
PR: ECO 1000 or ECO 2013 or ECO 2023 or CI. The radical (left) and Marxist schools of thought in economics. Application of radical theory to problems of advanced capitalism and socialist societies.

ECO 4401 Introduction to Mathematical Economics (3) BA ECN
PR: ECO 3703 or ECO 3101, and MAC 2241 or MAC 2233 or CI. Mathematical models of optimizing behavior and economic equilibrium.

ECO 4421 Introduction to Econometrics (3) BA ECN
PR: ECP 3703 or ECO 5101, and QMB 3200 with a grade of "B" or better or CI. Survey of basic econometric techniques. Regression analysis employed to estimate consumption, investment, demand, cost, and production functions. Examines problems of auto-correlation, heteroscedasticity, multicollinearity, and specification errors.

ECO 4504 Public Finance (3) BA ECN
PR: ECP 3703 or ECO 3101 with a grade of "C" or better. The public sector and its contribution to economic welfare. Government expenditures and revenues. Resource allocation, income distribution, stabilization, and economic growth.

ECO 4704 International Trade and Policy (3) BA ECN
PR: ECP 3703 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 4713 International Macroeconomics (3) BA ECN
PR: ECP 3703 or ECO 3101 with a grade of "C" or better. Advanced analysis of international macroeconomic relationships. Foreign exchange market, international monetary system balance of payments.

ECP 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.

ECP 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 12 hours.

ECP 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 2023 and ECO 2033. Survey of research on women, men and work in the labor market and the household. Focuses on the economic status of women. Includes historical perspective, examination of the family as an economic unit, changing work roles, and gender differences in occupation and earnings.

ECP 3203 Labor Economics (3) BA ECN
PR: ECO 3703 or ECO 3101 with a grade of "C" or better. Determinants of wage and employment levels: occupational, industrial and geographical wage differentials; union and public policy effects on labor markets; the economics of discrimination; inflation, and unemployment.

ECP 3302 Environmental Economics MW (3) BA 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 rationale and performance of the economic 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 3703 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 3703 Managerial Economics (3) BA ECN
PR: ECO 2023. Application of microeconomic theory to problems in business decision making with a special focus on price determination. May not receive credit for both ECP 3703 and ECO 3101. Formerly ECO 3100.

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.
EDF 3514 History of Education in the United States
PR: Upper-division standing. History of childhood, education, and schooling in the U.S. from early European and African contact to the present.

EDF 3604 Social Foundations of Education MW (3) ED EDF

ECS 3013 Economic Development (3) BA ECN

ECS 4430 Economics of Latin America AF MW (3) BA ECN
PR: ECO 1000, or both ECO 2023 and ECO 2023. Economic development 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 curricula. Restricted to majors. Not repeatable.

EDE 4301 Classroom Management, School Safety, Ethics, Law and Elementary Methods (3) ED EDE
PR: Admission to program in the Department of Childhood Education. 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 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.

EDG 3604 Social Foundations of Education (3) ED EDF

EDG 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 curricula. Restricted to majors. Not repeatable.

EDG 4301 Classroom Management, School Safety, Ethics, Law and Elementary Methods (3) ED EDE
PR: Admission to program in the Department of Childhood Education. 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.

EDG 4905 Independent Study: Elementary Education (1-4) ED EDE
S/U only. Specialized independent study determined by the student’s needs and interests.

EDG 4909 Directed Study: Elementary Education (1-4) ED EDE
PR: Senior standing. To extend competency in teaching field.

EDG 4905 Independent Study: Educational Foundations (1-4) ED EDF
PR: DPR. Not repeatable. Specialized independent study determined by the student’s needs and interests.

EDG 4909 Directed Study: Educational Foundations (1-3) ED EDF
PR: Senior Standing. Offered only as a scheduled class. To extend competency in teaching field.

EDG 5607 Trends in the Social-Political Foundations of Schooling in the US (3) ED EDF
Current debates re: purpose and practice of formal schooling in the U.S. with historical and sociological perspectives. Satisfies social foundations requirements for Fla. Teacher certification and ESL competency in knowledge of intercultural issues in education.

EDG 2701 Teaching Diverse Populations and Field Experience (3) ED EDC
Introductory survey course required for admission into the College of Education. Places schools and teaching within the context of the U.S. as a pluralistic society. Topics include: the demographics of diversity; prejudice; elements of culture; American heritage of diversity and its value; and barriers to cultural understanding. Includes lecture and field experience.

EDG 4012 Standards Based Education (1) ED EDE
PR: FLE 4317 for undergraduate, FLE 5345 for graduate students. This course is designed to introduce students to standards-based education, linking program outcomes for student learning with the relevant state and national educational standards. The course is restricted to majors and is not repeatable for credit.

EDG 4320 Introduction to Creative Drama (3) VP EDD
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.

EDG 4620 Curriculum and Instruction (3) ED EDC
An introduction to the field of curriculum and instruction. Emphasis is placed on principles of curriculum development and use of instructional strategies. Students will develop, implement, and evaluate a variety of lesson plans.

EDG 4909 Directed Studies (1-4) ED EDC
PR: Senior standing. Offered only as a scheduled class. Department permit required. To extend competency in teaching field.

EEC 2000 Introduction to Early Childhood Education (3) ED EDU
An overview of early childhood education with emphasis on its historical development, current theories, and practices.

ECC 4008 Literature in Early Childhood Education 6A LW (3) ED EDE
Jr./Sr. Standing. Emphasis is placed on developing knowledge of literature for younger children (0-8 yrs.) and methodologies and strategies for utilizing literature to teach literacy in content areas of the curriculum.

ECC 4203 Programs for Young Children (3) ED EDU
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.

**EEC 4211 Integrated Curriculum: Science and Mathematics (3)**
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.

**EEC 4212 Integrated Curriculum: Social Sciences/Humanities & Art (3)**
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.

**EEC 4303 Creative and Affective Experiences for Young Children (3)**
PR: Admission to College of Education. Early Childhood majors only. Develops students’ understandings of young children’s creative expression through art, music, movement, play and drama. Emphasizes how to plan, implement, and evaluate appropriate learning experiences as well as selection of appropriate instructional materials.

**EEC 4307 Cognitive Experiences for Young Children (3)**
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Emphasizes theoretical and practical aspects of cognitive development for children ages 3 through 6 with focus on planning integrated experiences and content in science, mathematics, and social sciences.

**EEC 4408 Child, Family & Teacher Relations (3)**
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Focuses on developing an understanding of traditional and non-traditional families, structural and life style variations and parenting in diverse cultures and at-risk families. Implications from these understandings will guide development of a parent involvement plan that includes effective ways to communicate with parents, conference with parents, and plan parent meetings and home visits.

**EEC 4706 Language and Emerging Literacy (3)**
PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Provides knowledge of language development and emerging literacy for typical and atypical development in children from birth to third grade, including ESOL and gifted.

**EEC 4905 Independent Study: Early Childhood Education (1-4)**
EDU PR: S/U only. Early Childhood majors only. Specialized independent study determined by the student’s needs and interests.

**EEC 4909 Directed Study: Early Childhood Education (1-3)**
EDU PR: Senior standing. To extend knowledge in teaching field.

**EEC 4936 Senior Seminar in Elementary Early Childhood Education (2)**
EDU PR: Senior standing; CR: EEC 4940. Synthesis of teacher candidate’s courses in complete college program.

**EEC 4940 Internship: Early Childhood (10-12)**
EDU CR: EEC 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.

**EEC 4941 Field Experience I (3)**
EDU PR: Admission to College of Education. Early Childhood majors only. Field placement in kindergarten or primary grades 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.

**EEC 4942 Field Experience II (3)**
EDU PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Emphasis on developing deeper understanding of children’s development and implications of development for program planning for both typical and atypical children.

**EEC 4943 Field Experience III (3)**
EDU PR: Admission to College of Education, EDF 4111. Early Childhood majors only. Field placement in kindergarten or primary grade where teacher candidates have opportunities to apply knowledge and skills in authentic situations. Focus on developing deeper understanding of growth and development and relationship to curriculum planning with an emphasis on self-evaluation of knowledge, skills, and dispositions essential for teaching.

**EED 4011 Introduction to Behavior Disorders (3)**
EDS PR: EEX 4011, or equivalent or DPR. Survey of emotional, behavioral, and social disorders in children and youth. History of the field, definitions, classifications, theoretical approaches, intervention techniques, curriculum development, service delivery models, trends, issues and trends.

**EED 4909 Directed Study: Behavior Disorders (1-3)**
EDS PR: Senior standing. To extend competency in teaching field.

**EED 4941 Undergraduate Supervised Practicum in Behavior Disorders (1-6)**
EDS 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.

**EEL 2161 Electrical Engineering Computer Methods (3)**
EN PR: Admission to College of Education. Early Childhood majors only. Field placement in kindergarten or primary grades 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.

**EEL 3302 Electronics I (3)**
EN PR: EGN 3373 with a minimum grade of B. A course in the physical principles of electronic devices with emphasis on semiconductor electronics. Includes the analysis and design of electronic circuits.

**EEL 3394 Electronic Materials (3)**
EN PR: CHM 2045, PHY 2049. This course provides electrical engineering students with a background in material science and quantum physics as these apply to electronic materials properties.

**EEL 4030 Electrical Systems Environments (3)**
EN PR: MAP 2302 and PHY 2049 or CC. Dynamics, vibration, thermodynamics, and heat transfer in electrical, electronic, and electromechanical systems and their environments.

**EEL 4102 Linear Systems Analysis (3)**
EN PR: EGN 3373 with a minimum grade of B. Provides further study in the analysis of linear networks and systems. Includes transfer function solutions.

**EEL 4167 CAD and Analysis (3)**
EN PR: MAP 2302 and PHY 2049 or CC. Dynamics, vibration, thermodynamics, and heat transfer in electrical, electronic, and electromechanical systems and their environments.

**EEL 4243 Switching Power Supply Design (3)**
EN 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 implementation of a short range power supply.

**EEL 4301 Electronics II (3)**
EN PR: EEL 3302. Provides further study in electronic circuits. Includes feedback and frequency response techniques in amplifier design.

**EEL 4305 Communications Electronics (3)**
EN 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 receiver.

**EEL 4351C Semiconductor Devices (3)**
EN PR: EEE 3394. An introduction to the fundamentals of semiconductor materials and semiconductor device operation.

**EEL 4367 Measurements (3)**
EN PR: EEL 4316L or C. This course introduces students to the theory and applications of modern radio frequency and microwave measurements. Topics to be included are network analyzer, spectrum analyzer, noise, power, and non-linear distortion
EEL 4421 RF/Microwave Circuits I (3) EN EGE
PR: EEL 3100, EEL 4471. Introduction to passive microwave circuit design. Investigate the characteristics of transmission lines used in modern microwave systems, the tools used for analysis, and some common circuit topologies for matching, filtering and power distribution. Part one of a two-part sequence. E majors only. Not available on an S/U basis.

EEL 4422 RF/Microwave Circuits II (3) EN EGE
PR: EEL 4421. Introduction to active RF/Microwave circuit design. Investigate the characteristics of amplifiers and oscillators used in modern microwave systems, the tools used for analysis, and some common circuit topologies for biasing and matching. Substantial coverage of stability analysis, constant gain methods and noise figure. Part two of a two-part sequence. EE majors only. Not available on an S/U basis.

EEL 4471 Electromagnetics MW (3) EN EGE
PR: MAP 2302 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; environmental 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: ELR 3301L, ELR 3302L, 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 4657 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 4657L Linear Controls Laboratory (1) EN EGE
PR: EEL 3100; CR: EEL 4657. 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 and Laboratory (1) EN EGE
CR: EEL 4705. Develop designs and demonstrate 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

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 4851C. Sampling and quantization of signals and images; frequency-domain representations, transforms; filtering, convolution, and correlation; low-level image analysis algorithms; color images; fast methods and parallelism.

EEL 4782 Computer Information Networks for Information Technology (3) EN EGE
PR: EEL 4472. 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 covered. Wired and wireless topologies are presented.

EEL 4782L Information Networks Laboratory for Information Technology (1) US EIT
CR: COP 4810 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 presented.

EEL 4854 Data Structures and Algorithms for Information Technology (3) US EIT
PR: COP 3515 or CI. Representing data for manipulation by the computer is studied. Design and analysis of well-known data structures and algorithms to manipulate them are studied. Program efficiency, clarity and speed are considered in various structures and algorithms.

EEL 4905 Independent Study (1-5) EN EGE
CR: Prerequisite change. S/U only. Specialized independent study determined by the student's needs and interests.

EEL 4906 Professional Issues and Engineering Design MW (3) EN EGE
CR: EEL 4301, EEL 4512C, EEL 4657, EEL 4744. An introduction of engineering design with applications specific to practical engineering problems. Included are discussion of real-world issues as economics, safety, ethics and the environment.

EEL 4914 Senior Project Design (3) EN EGE
PR: EEL 4906 and Senior Standing, CI. Students apply the knowledge acquired in the classroom to design a system which meets a predetermined set of specifications. Students work individually or in small groups with a faculty member (project director) in their area of interest. (Majors only.)

EEL 4935 Special Electrical Engineering Topics I (-1-4) EN EGE
EEL 4936 Special Electrical Engineering Topics II (-1-4) EN EGE
EEL 4937 Special Electrical Engineering Topics III (-1-4) EN EGE
EEL 5250 Power System Analysis (3) EN EGE
PR: EGN 3375. Analysis and design technique for AC power systems.

EEL 541C 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. 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 5572 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 LAN/MANs and its components: media topologies, access methods, etc.; LAN/MAN architectures and protocols-IEEE
EEX 4742 Narrative Perspectives on Exceptionality: Cultural and Ethnic Diversity (3) EN EGE
PR: EEX 4472. This class will provide introductory tutorial learning, plus hands-on experience in analysis, design and measurement in the field of wireless communications.

EEL 5935 Special Electrical Engineering Topics I (1-3) EN EGE
PR: EEL 4705 or CI. Arithmetic systems, processing structures, efficient algorithms, DSP hardware, TI, NEC and other DSP microprocessors, multiprocessing hardware and software. System development. Application to telecommunications and voice processing.

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 students 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.

EEL 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 representing school populations.

EGI 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, 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 pre-historic man to the modern day. Topics include: seven technological ages of man, methods of producing power, materials, transports, communication 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 2082 History of Electrotechnology HP (3) EN EGB
Highlights of the history of electrotechnology and its relation to the development of civilization. The contributions of Volta, Faraday, Morse, Bell, 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 2219 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 3311</td>
<td>Statics</td>
<td>3</td>
<td>PHY 2048</td>
<td>Forces, moments, plane trusses. Lec-pro.</td>
</tr>
<tr>
<td>EGN 3321</td>
<td>Dynamics</td>
<td>3</td>
<td>EGN 3311</td>
<td>Dynamics of discrete particles; kinematics and kinetics for rigid bodies. Lec.</td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Mechanics of Materials</td>
<td>3</td>
<td>EGN 3311</td>
<td>Stress, strain, Hooke’s Law; torsion, beam, column analysis; combined stresses; inelastic effects, limit design. Lec.</td>
</tr>
<tr>
<td>EGN 3343</td>
<td>Thermodynamics I</td>
<td>3</td>
<td>PHY 2049</td>
<td>Axiomatic introduction to thermodynamic concepts of energy, entropy, work and heat. Properties of ideal and real substances. Applications: power production and refrigeration, phase equilibria.</td>
</tr>
<tr>
<td>EGN 3358</td>
<td>Thermodynamics, Fluids, and Heat Transfer</td>
<td>4</td>
<td>PHY 2049</td>
<td>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.</td>
</tr>
<tr>
<td>EGN 3365</td>
<td>Materials Engineering I</td>
<td>3</td>
<td>CHM 2046, CR: EGN 3311</td>
<td>Structure and property relationships in engineering materials, i.e., metal, ceramic and polymer systems. Environmental effects are also treated.</td>
</tr>
<tr>
<td>EGN 3375</td>
<td>Electromechanical Systems</td>
<td>3</td>
<td>EGN 3373 with a minimum grade of B</td>
<td>Analysis of electromechanical device performance: transformers, transducers, DC motors and generators, AC motors and alternators.</td>
</tr>
<tr>
<td>EGN 3420</td>
<td>Engineering Analysis</td>
<td>3</td>
<td>MAC 2282</td>
<td>Introduction to aspects of matrix algebra and complex analysis which are essential in engineering; simultaneous equations, connection matrices, basic eigenvalue theory, the complex exponential.</td>
</tr>
<tr>
<td>EGN 3443</td>
<td>Modeling and Analysis of Engineering Systems</td>
<td>3</td>
<td>MAC 2283, PHY 2049</td>
<td>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.</td>
</tr>
<tr>
<td>EGN 3443C</td>
<td>Engineering Statistics I</td>
<td>3</td>
<td>MAC 2282</td>
<td>An introduction to the basic concepts of statistical analysis with special emphasis on engineering applications.</td>
</tr>
<tr>
<td>EGN 3613C</td>
<td>Engineering Economy I</td>
<td>3</td>
<td>EGN 3365</td>
<td>A study in analyzing the economic limitations imposed on engineering activities using basic models which consider the time value of money.</td>
</tr>
<tr>
<td>EGN 3615</td>
<td>Engineering Economics with Social and Global Implications</td>
<td>3</td>
<td>EGN 3365</td>
<td>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.</td>
</tr>
<tr>
<td>EGN 3835</td>
<td>Globalization and Technology</td>
<td>3</td>
<td>EGN 3365</td>
<td>Exploration of the fundamental processes underlying globalization with particular emphasis on the role of technological development in both historical and contemporary context.</td>
</tr>
<tr>
<td>EGN 4366</td>
<td>Materials Engineering II</td>
<td>3</td>
<td>EGN 3365</td>
<td>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.</td>
</tr>
<tr>
<td>EGN 4450</td>
<td>Introduction to Linear Systems</td>
<td>2</td>
<td>MAC 2282</td>
<td>Study and application of matrix algebra, differential equations and calculus of finite differences.</td>
</tr>
<tr>
<td>EGN 4831</td>
<td>Technology and Society</td>
<td>3</td>
<td>EGN 3613C or EGN 3615, EGN 3443</td>
<td>Non-technical survey of engineering activities: utilities, nuclear power, genetics weaponry, space, etc. Students conduct individual in-depth study of environmental/ethical problem.</td>
</tr>
<tr>
<td>EGN 4905</td>
<td>Independent Study</td>
<td>1-5</td>
<td>CR: Specialized independent study determined by the students’ needs and interests.</td>
<td></td>
</tr>
<tr>
<td>EGN 4930</td>
<td>Special Topics in Engineering</td>
<td>1-3</td>
<td>CR: CI</td>
<td>New technical topics of interest to engineering students.</td>
</tr>
<tr>
<td>EGN 5421</td>
<td>Engineering Applications for Vector Analysis</td>
<td>3</td>
<td>EGN 3311</td>
<td>Vector methods in electromagnetism and fluid mechanics. Vector operators, line and flux integrals, potential and transport theorems, applications.</td>
</tr>
<tr>
<td>EGN 5424</td>
<td>Engineering Applications of Complex Analysis</td>
<td>3</td>
<td>EGN 3311</td>
<td>Analytic functions, conformal mapping, residue theory, Laurent series. Transforms. Applications to various problems in engineering and physics.</td>
</tr>
<tr>
<td>EGN 5425</td>
<td>Engineering Applications of Advanced Matrix Computations</td>
<td>3</td>
<td>EGN 3311</td>
<td>Survey of theory and software for matrix computations: factorization methods, least-squares and pseudoinverses, eigenvector algorithms. Special matrices and representations for control system and finite element applications.</td>
</tr>
<tr>
<td>ENS 1113</td>
<td>Introduction to Design Graphics</td>
<td>3</td>
<td>EGN 3313</td>
<td>CR: CI</td>
</tr>
<tr>
<td>EIA 3192</td>
<td>Technology Education and Society</td>
<td>4</td>
<td>EGN 3313</td>
<td>CR: CI</td>
</tr>
<tr>
<td>EIA 4242</td>
<td>Ergonomics</td>
<td>3</td>
<td>EGN 3313</td>
<td>CR: CI</td>
</tr>
<tr>
<td>EIA 4360</td>
<td>Special Teaching Methods: Technology Education</td>
<td>3</td>
<td>EGN 3313</td>
<td>CR: CI</td>
</tr>
<tr>
<td>EIN 3241</td>
<td>Ergonomics I</td>
<td>3</td>
<td>EGN 3313</td>
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USF Course Descriptions 347

ELD 4941 Undergraduate Supervised Practicum in SLD (1-6) EDS
PR: EEX 4011. S/U only. DPR. Supervised field experiences in assessment, behavior management and clinical teaching with classes for children who have specific learning disabilities.

EEL 3201L Laboratory I (1) EN EGE
PR: EGN 3373 with a minimum grade of B. Basic circuit theory applications; computer-aided design tools, electrical measurement techniques.

EEL 3302L Laboratory II (1) EN EGE
PR: EEL 3201L and EEL 3302. This laboratory is designed to introduce electrical engineering students to the design, building and testing of active electronic networks. Computer Aided Design tools and computer data acquisition strategies are examined in greater detail.

EEL 4316L Wireless Circuits & Systems Design Laboratory (2) EN EGE
PR: EEL 4471. An extensive hands-on introduction to wireless radio frequency and microwave circuits and systems, involving modern measurements, fabrication and computer-aided design experiences at both component and sub-system levels. Not repeatable for credit. Majors and non-majors.

EIN 3204 Corrosion of Engineering Materials I (3) EN EGS
PR: EIN 3365. Principles of electrochemical corrosion and the representation of corrosion processes by polarization diagrams. Origin and prevention of the localized forms of corrosion and approaches to corrosion control.

EIN 5226 Corrosion Control (3) EN EGS
PR: EGN 3365. Provide understanding of corrosion fundamentals. Introduce design for corrosion detection, protection, and control. Acquire research project experience.

EME 2040 Introduction to Computers in Education (3) ED EDK
A survey course designed to introduce practicing teachers to microcomputer technology and its role in teaching and learning processes. Topics include educational software, ethical and social issues, hardware, interactive multimedia, models for integrating technology into instruction, productivity tools and telecommunications.

EME 5403 Computers in Education (3) ED EDK
A survey course designed to introduce practicing teachers to microcomputer technology and its role in teaching and learning processes. Topics include educational software, ethical and social issues, hardware, interactive multimedia, models for integrating technology into instruction, productivity tools and telecommunications.

EME 3305 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.

EMA 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.

EMA 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 strain analysis of machine parts, variable loads, endurance limits, fasteners, bearings, power transmission, code consideration of pressure and vacuum vessels, elements of design.
EML 4501 Capstone Design MW (3) EN EGR
CR: EML 4501, EML 4124 Comprehensive design or feasibility study project requiring application of previously acquired engineering knowledge; use of ANSYS, CAD AND Pro/E.

EML 4552 Senior Mechanical Design (3) EN EGR
PR: CI. Comprehensive design or feasibility study project. In some cases may be a continuation of EML 4551.

EML 4601 Air Conditioning Design (3) EN EGR

EML 4905 Independent Study (1-4) EN EGR
PR: CI. Specialized independent study determined by the student’s needs and interests.

EML 4930 Special Topics in Mechanical Engineering (1-4) EN EGR
PR: CC.

EML 5930 Special Topics 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 aspects. This course is required by the state for certification in mental retardation.

EMR 4230 Educating the Severely/Profoundly Handicapped (3) ED EDS
PR: EMR 3011 or DPR. Emphasis on educational methods and materials for teaching children with severe/profound handicaps. Pracicum/field experience linkage.

EMR 4905 Independent Study: Mental Retardation (1-3) ED EDS
SU. May be repeated when subjects vary. DPR. Specialized independent study determined by the student’s needs and interests.

EMR 4909 Directed Study: Mental Retardation (1-3) ED EDS
PR: Senior standing. DPR. Offered only as a scheduled class. To extend competency in teaching field.

EMR 4941 Undergraduate Supervised Practicum in Mental Retardation (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 1101 Composition I 6A EC (3) AS ENG
PR: ENC 1101 and ENC 1102 must be taken in numerical sequence. Instruction and practice in the skills of writing and reading.

ENC 1102 Composition II 6A EC (3) AS ENG
PR: ENC 1101. Instruction and practice in the skills of writing and reading.

ENC 1121 Composition I: Honors 6A EC (3) AS ENG
Reserved for students in University Honors. Honors Section of ENC 1102.

ENC 1122 Composition II: Honors 6A EC (3) AS ENG
PR: ENC 1121. Reserved for students in University Honors.

ENC 2210 Technical Writing 6A (3) AS ENG
PR: ENC 1101 and ENC 1102 or ENC 1121 and ENC 1122. Effective presentation of technical and semi-technical information.

ENC 3254 Communication for Engineers 6A (3) AS ENG
Focuses on writing concerns of engineers. Deals with the content, organization, format, and style of specific types of engineering documents. Provides opportunity to improve oral and written presentations. Will not be counted toward the English major.

ENC 3250 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 in teaching 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 2210C, 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.
ENC 4311 Advanced Composition (3) AS ENG
PR: ENC 3351 or CI. Instruction in practical in writing effective, lucid, and compelling prose, with special emphasis on style, logical argumentation, and critical thinking.

ENC 4531 Selected Topics in Professional and Technical Writing (3) AS ENG
PR: ENC 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, syntactic, 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>, <i>Paradise Lost</i>, <i>The Canterbury Tales</i>, and 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 3230 British Literature 1616-1780 (3) AS ENG
A survey of a 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
A study of from five to eight of Shakespeare's problem plays, major tragedies, and late romances. Special attention to developing the student's ability to read and interpret the text.

ENL 3331 Early Shakespeare (3) AS ENG
A study of from five to eight of Shakespeare's problem plays, major tragedies, and late romances. Special attention to developing the student's ability to read and interpret the text.

ENL 3334 Shakespeare from an Historical Perspective (3) AS ENG
Examines the plays of Shakespeare from <i>Romeo and Juliet</i> to <i>Othello</i> as manifestations of the social, political, and intellectual forces of the time. Lectures will be available on audio tapes. Will not be counted toward the English major.

ENL 4122 19th Century British Novel (3) AS ENG
1) Study of the 19th-century British novel, including works by novelists such as Thackeray, Dickens, Elliot, Hardy, Trollope, and others. 2) Analysis of the characteristics of the novels and their historical, social, cultural, and political contexts.

ENL 4132 British Novel: Conrad to the Present (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 4503 Selected British Authors (3) AS ENG
The study of two or three major figures in British literature. The course may include such writers as Fielding and Austen, Keats and Yeats, Joyce and Woolf. Specific topics will vary. May be taken twice for credit with different topics.

ENL 4511 Chaucer (3) AS ENG
An intensive study of <i>The Canterbury Tales</i> and major critical concerns.

ENL 4538 Advanced Studies in Shakespeare (3) AS ENG
PR: ENL 3351 or ENL 3352, 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 4541 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 EGX
CR: EGN 3353. An introduction to various aspects of environmental problems faced by today's society. Topics covered are: air pollution, water pollution, noise pollution, solid waste management, ionizing radiation, disease transmission, and food protection.

ENV 4004L Environmental/Hydraulics Engineering Lab (1) EN EGX
PR: EGN 3353. CR: ENV 4001. Laboratory experience in the measuring of environmental and hydraulic parameters.

ENV 4131 Solid Waste Management (2) EN EGX
Introduction to the principles of integrated municipal solid waste management; waste minimization, recycle and disposal options. Design of landfill disposal systems. Course restricted to Civil and Environmental Engineering majors.

ENV 4417 Water Quality and Treatment (3) EN EGX
PR: EGN 3353 An introduction to municipal water supply and waste water treatment. Topics include water requirements, water volumes, water quality, physical and chemical treatment processes, and advanced wastewater treatment processes.

ENV 4502 Water Treatment Engineering (3) EN EGX
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 colloidial 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 water and wastewater treatment including chlorination, activated carbon adsorption, biological treatment, gas/liquid mass transfer, filtration, coagulation, flocculation, and settling. Application of experimental data to process analysis and design. Field monitoring of surface water quality; simulation of transport and transformation of pollutants in surface waters.

ENV 4891 Capstone Environmental Engineering Design MW (3) EN EGX
PR: CWR 4103, ENV 4001, ENV 4417. A capstone environmental engineering design experience for seniors in Civil and Environmental Engineering. A design oriented course to design both industrial and domestic water treatment and water transport systems and wastewater and collection systems. The course emphasizes the design procedure normally used in engineering practice.

ENV 5103 Air Pollution Control (3) EN EGX
PR: ENG 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 6568; or CI, majors only. Undergraduate preparation in
environmental engineering or an environmental science program. 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.

ENV 5345 Solid Waste Control (3) EN EGX
- Pr: CI. Undergraduate preparation in environmental engineering, or graduate standing in environmental engineering or an environmental science program. Introduction to solid waste management, including its definition as an umbrella for hazardous waste: regulatory concepts; waste types, quantities, and characterization; collection and recycling; facility siting; disposal; thermal treatment.

ENV 5504C Environmental Engineering Processes (3) EN EGX
- Pr: EN 4001, EN 4049L, ENV 417 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, has no external laboratory section associated with the course, is not available on an S/U basis only, is not cross-listed with another college or department or college.

ENVY 5504C Aquatic Entomology (4) AS BIO
- Pr: ENY 3004C and CHM 2210 and MAC 3083 or PCB 3083 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.

ENVY 5505C Automatic Entomology (4) AS BIO
- Pr: ENY 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 3083 or PCB 3712 and CHM 2211. Taxonomy, development, and ecology of aquatic insects with emphasis on local forms. Fieldwork required. Lecture and Laboratory.

EPH 5051 Advanced Theories in Motor and Physical Disabilities (3) AS EDI
- 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, motor disabilities and multihandicapped conditions including rehabilitation and other community services.

ESC 4705 Geology and Development of Modern Africa MW (3) AS GLC
- An in-depth look at how geology has affected the politics, history and culture of Africa. Units include the Nile and hydropolitics, deserts and climate, rifting and hominin evolution, and mining and politics.

ESE 4322 Classroom Management for Diverse School and Society (3) ED EDI
- Focuses on classroom management in secondary schools including classroom climate, specific strategies to address management issues, school safety, violence, diversity, ethics, and educational law.

ESE 5342 Teaching the Adolescent Learner (3) ED EDI
- Emphasis is placed on adolescent developmental and learning needs linking them to practices in the classroom appropriate to the diverse secondary education population (ESOL, special education, multicultural, at-risk, etc.) in preparation for planning responsive standards-based instruction.

ESE 5544 Cl: Classroom Management for a Diverse School and Society (3) ED EDI
- This course covers practical, theoretical, philosophical and ethical aspects of school and society, the education profession, and the secondary schools with particular focus on classroom management, school violence, school safety, educational law and other critical social issues.

ESI 4221 Industrial Statistics and Quality Control (3) EN EGS
- Pr: EGN 3443. Applicable 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. Analysis of designs for estimating models and control. Design and use of inventory control models, both designs applicable to engineering analyses. Analysis of variance and regression.

ESI 4312 Deterministic O. R. (3) EN EGS
- Pr: COP 2510, EGN 4450. An introduction to operations research techniques with particular emphasis on deterministic models. Linear programming, dynamic programming, goal programming, integer programming, and PERT/CPM networks are considered.

ESI 4313 Probabilistic O. R. (3) EN EGS
- Pr: COP 2510, EGN 4453. 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 (2) EN EGS
- Pr: ESI 4551. CR: EIN 4450. An advanced independent project under faculty direction and approved by chairman. Not open to students who have had ESI 4551.

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 and games.

ESI 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 3934 Selected Topics in Technology (1-5) EN ESB
- Selected Topics in Technology is repeatable for credit for 12 hours.

ETG 4931 Special Topics in Technology I (1-5) EN ESB
- Pr: CI. No credit for Engineering Majors.

ETG 4932 Special Topics in Technology II (1-5) EN ESB
- Pr: CI. No credit for Engineering Majors.

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 Byzantium History HP (3) AS HTY
- A thematic survey of the history of the medieval Byzantine Empire and neighboring civilizations from ca. 284-1453.

EUH 2022 The Medieval World (3) AS HTY
- A thematic survey of Western European and Mediterranean civilizations from ca. 312-1453.

EUH 2030 Modern European History I HP (3) AS HTY
- A thematic survey of Europe in the modern era. 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, the period from the French Revolution to the present.

EUH 3142 Renaissance and Reformation (4) AS HTY
A history of Europe from the Renaissance to the Thirty Years' War (1400-1618). The cultural, social, and economic characteristics will provide the framework for artistic, philosophical, religious, and political developments.

EUH 3181 Medieval Culture (4) AS HTY
A survey of social, political, economic, and cultural developments during the Middle Ages. Medieval attitudes as manifested in literature, art, philosophy, education, and religion; with emphasis upon Medieval man's changing perception of himself and his world.

EUH 3185 Viking History (4) AS HTY
The role of the Vikings in the shaping of Western history. A comprehensive survey of their institutions, outlook, and daily life. Viking expansion into Europe and North America.

EUH 3188 Medieval Society (4) AS HTY
A study of the daily life and attitudes of the medieval 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, city, and the church.

EUH 3202 History of 17th and 18th Century Europe (4) AS HTY
A history of Europe from the beginning of the Thirty Years' War to the outbreak of the French Revolution. Political and intellectual developments will be assessed in the light of society and the economy.

EUH 3205 History of Nineteenth Century Europe (4) AS HTY
A comparative study of economic, political, social, and intellectual developments in nineteenth century Europe.

EUH 3206 History of Twentieth Century Europe (4) AS HTY
A comparative study of economic, political, social, and intellectual developments in twentieth century Europe.

EUH 3401 Classical Greece (4) AS HTY
A study of ancient Greece focusing on the brilliant period following the Persian Wars, but embracing as well the formative Bronze, Middle and Archaic ages, and the decline culminating in the conquest of Greece by Philip II of Macedon in 338 B.C.

EUH 3402 Age of Alexander (4) AS HTY
A study focusing on the career of Alexander the Great and on the Greek and Macedonian conquest of Imperial Persia. Also treated are the great hellenistic kingdoms prior to Rome's conquest of the eastern Mediterranean.

EUH 3412 Roman Republic (4) AS HTY
A study of the Roman Republic from 509 B.C. to the assassination of Julius Caesar in 44 B.C., with a prelude treating Rome's early development under royal rule. Political growth and change provide the framework for the treatment.

EUH 3413 Roman Empire (4) AS HTY
A study of Imperial Rome from the assassination of Julius Caesar in 44 B.C. to the death of the emperor Constantine in A.D. 337. Emphasized is Rome's government of a vast Mediterranean empire including much of the near East and Europe.

EUH 3461 German History to 1870 (4) AS HTY
A political, social, and cultural approach to the history of the Germans from 1500 through 1870, with emphasis on the Protestant Reformation, the rise of Brandenburg-Prussian, and the unification under Bismark.

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 demographic welfare state.

EUH 3575 History of Imperial Russia, 1868-1917 (4) AS HTY
A survey of social, political, economic, and cultural development in the Russian Empire from Peter the Great to Nicholas II. Topics include the expansion and modernization of the Empire, the culture of the Imperial court, peasant rebellions, social and legal reforms, the role of the West, and the collapse of the Romanov dynasty.

EUH 3576 History of the Soviet Union, 1917-1991 (4) AS HTY
A survey of the origins and development of revolutionary socialism, the Bolshevik seizure of power, Stalinism and the Great Terror, popular dissent and cultural change, the treatment and experience of ethnic minorities, Gorbachev and the dissolution of the Soviet Union.

EUS 3000 Europe SS (3) AS INT
Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.

EUS 3022 Russia SS HP AF (3) AS INT
Area study courses are multi-disciplinary in nature and deal with one or more countries of a region. Each course combines some measure of political, economic, historical, religious, geographic, anthropological, and sociological analysis in dealing with salient features and current problems.

EVR 2001 Introduction to Environmental Science NS (3) AS ESP
An introductory lecture course linking the human and physical/biological world. The course will develop an understanding of population and resource interactions.

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.

EVR 2002 Environmental Science: Regional and Global Issues NS (3) AS ESP
This course will provide students with an understanding of the scientific principles underlying today's global environmental problems and their potential solutions. We will examine how our social, political, and economic systems affect the environment.

EVR 2861 Introduction to Environmental Policy (3) AS ESP
An introduction to environmental policy using class lectures, student projects, and independent readings. Emphasis will be placed on understanding basic policy mechanisms and major policy actions relating to environmental issues at the local, national, and international level.

EVR 4027 Wetland Environments MW (3) AS ESP
PR: PCB 3043 or CI. Study of the general properties and ecology of wetlands, examination of the distribution and functions of wetlands, and considerations of wetland conservation and policies.

EVR 4104 Karst Environments NS (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 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 4910 Environmental Science and Policy Project (3) AS ESP
Course to senior majors only. SV only. Environmental science project consisting 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. SV only. A topical reading and discussion seminar focusing on the interdisciplinary nature of environmental science and environmental policy.

EVR 4930 Selected Topics (1-4) AS ESP
Each topic is a course under the direction of a faculty member with the content depending on the interests of the students and
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<th>Course Title</th>
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<td>Environmental Science Internship</td>
<td>(3)</td>
<td>AS ESP</td>
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<td>EVT 4065</td>
<td>History and Principles of Vocational Education</td>
<td>(4)</td>
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<td>EVT 4084C</td>
<td>Professional Development in Industrial Technical Education (1-3) ED EDV</td>
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<td>Basic Teaching Methods in Vocational Education (4) ED EDV</td>
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<td>Curriculum Construction: Industrial-Technical Education (4) ED EDV</td>
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<td>EVT 4367</td>
<td>Assessing Student Skill in Industrial Technical Education (4) ED EDV</td>
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<td>EVT 4651</td>
<td>Equity in Schools and the Workplace 6A MW (3) ED EDV</td>
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<td>EVT 4905</td>
<td>Independent Study: Industrial-Technical Education (1-4) ED EDV</td>
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<td>EVT 4909</td>
<td>Directed Study: Industrial-Technical Education (1-3) ED EDV</td>
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<td>EVT 4936</td>
<td>Senior Seminar in Industrial-Technical Education (2) ED EDV</td>
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<td>EVT 4940</td>
<td>Internship: Industrial-Technical Education (1-12) ED EDV</td>
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<td>EVT 4953</td>
<td>Supervised Field Experience: Industrial-Technical Education (1-6) ED EDV</td>
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<td>EVT 5369</td>
<td>Preparation and Development for Teaching (4) ED EDV</td>
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<td>EVT 5664</td>
<td>School Community Development (3) ED EDV</td>
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**FIN 3233 Money and Banking (3) BA FIN**

- **Course Code:** FIN 3233
- **Course Title:** Money and Banking
- **Credits:** 3
- **Department:** 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.
FLE 4314 Methods of Teaching Foreign Languages and ESOL in the Elementary School  (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 changing and complex situations. The financial decision process will include and recognize the international as well as domestic aspects of financial management.

FLE 3604 International Finance (3) BA FIN
PR: FIN 3403. Application of fundamental principles and techniques for understanding international business, assessment of risks, international managerial finance, institutions, and instruments of international business finance.

FLE 4245 Federal Reserve System and Monetary Policy (3) BA FIN
PR: FIN 3233 or CI. An analysis of the Federal Reserve System with special emphasis on monetary theory and the formulation and administration of monetary policy.

FLE 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.

FLE 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.

FLE 4412 Working Capital Management (3) BA FIN
PR: FIN 3403. An examination of short-term financial management - that is, policies and decisions related to managing the current operations of a firm. Topics to be covered include cash management, credit and collection policy, inventory decisions, and sources of short-term financing.

FLE 4414 Advanced Corporation Finance (3) BA FIN
PR: FIN 4403. An examination of the financial policies of corporations in their special reference to dividend policy, financial structure, capital expenditures, acquisitions, mergers, and reorganizations.

FLE 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.

FLE 4461 Financial Statement Analysis (3) BA FIN
PR: FIN 3403. Provides an understanding of the relationship between financial statements produced in accordance with GAAP and the informational content such statements provide. After completing the course, the student should have a better understanding of the usefulness of published financial statements to various users in a variety of circumstances.

FLE 4504 Principles of Investments (3) BA FIN
PR: ECO 2013 and FIN 3403. Survey of the risks and returns of investment media in relation to the investment objectives of individual and institutional investors. Includes an examination of the capital markets, information flows, and analytical techniques in terms of their impact on the valuation process.

FLE 4514 Advanced Investment Analysis and Management (3) BA FIN
PR: FIN 4504. A comprehensive study of security analysis and portfolio management. The course will utilize a quantitative approach to investment selection and management.

FLE 4905 Independent Study (1-3) BA FIN
PR: CI, CC. S/U only. Specialized independent study determined by the student’s needs and interests.

FLE 4915 Independent Research (1-3) BA FIN
PR: CI. The research project will be mutually determined by the student and instructor.

FLE 4934 Selected Topics in Finance (1-3) BA FIN
Topics to be selected by instructor and department chairperson on pertinent finance issues.

FLE 4290 Technology in the Foreign and Second Language Classroom (3) ED EDX
This course prepares pre-service and in-service teachers to infuse technology into foreign language and ESOL instruction. Students will develop technology skills and knowledge based on sound pedagogical principles that reflect research and theory in Second Language Acquisition and will apply this practical and theoretical knowledge to K-16 Foreign Language/ESOL instructional situations.

FLE 4314 Methods of Teaching Foreign Languages and ESOL in the Elementary School (3) ED EDX
PR: EDG 4620 or concurrent registration. Fluency in target language and in English. Methods of planning and teaching foreign languages in the elementary school. The emphasis is on teaching communicatively and on integrating culture in the K-6 classroom.

FLE 4316 Language Principles and Acquisition (1-3) ED EDX
PR: FLE 4317. Overview of applied Second Language Acquisition theory and the components of language, linking them to methods and techniques of providing comprehensible instruction and supporting the development of oral proficiency and literacy skills for (LEP) children.

FLE 4317 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 4333 Methods of Teaching Foreign Languages and ESOL in the Secondary School (3) ED EDX
PR: FLE 4314. Fluency in the target language and in English or DPR. Methods of teaching foreign languages within a communicative framework. Includes examination and practice of current instructional techniques in listening, speaking, reading and writing skills, testing, error correction, and computer assisted language instruction. Emphasis is on teaching foreign languages and teaching for cultural understanding at the secondary level 7-12.

FLE 4362 ESOL 1 - Curriculum and Pedagogy of ESOL (3) ED EDX
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-critical theoretical framework.

FLE 4364 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 comprehensible instruction to English Language Learners (ELLs) and supports the development of professional literacy skills.

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 Praxis II 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 an 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 5145 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 LEP 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 5331. 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 two-course sequence designed to prepare teachers to assume roles as foreign language and ESOL teachers at the secondary school level. It builds on the content covered in FLE 5331.

**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 the 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 (pre-service) 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 5895 Dual Language Education (3) ED EDX**
The course is designed for teachers who are interested in bilingual education. The aim is to deconstruct the philosophical, theoretical, political, social and educational underpinning of instruction (K-12) when it is delivered through two languages.

**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. Opportunity to see teachers in action.

**FOL 3100 General Foreign Language (1-4) AS WLE**
A general purpose course may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or in professional translation.

**FOL 4101 General Foreign Language II (1-3) AS WLE**
A general purpose course that may be used for transfer of credit, credit by examination, and similar matters; may also be used for formal courses in less commonly taught languages or for workshops in professional interpreting.

**FOL 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 current idiomatic usage.

**FRE 2241 Conversation I (3) AS WLE**
PR: FRE 1121. For development of basic conversational skills.

**FRE 2270 Overseas Study-Intro. French (1-6) AS WLE**
PR: Two semesters of university-level French or equivalent proficiency. Departmental approval required.

**FRE 3234 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 3470-40 Overseas Study (1-3) 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 France: French 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 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.

**FRE 4421 Composition II (3) AS WLE**
Continuation of French composition. This course is designed to follow FRE 3420.

**FRE 4471 Advanced Overseas Study (1-6) AS WLE**
PR: FRE 3470 or CI. Departmental approval required. Intensive study language study in France.

**FRE 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.

**FRE 4905 Directed Study (1-3) AS WLE**
Departmental approval required.

**FRE 4930 Selected Topics (1-3) AS WLE**
Study of an author, movement or theme.

**FRE 5425 Advanced Written Expression (3) AS WLE**
PR: FRE 4421, or equivalent. Course is designed to give advanced training in free composition in French.

**FRE 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. Texts and discussions in French.

**FRT 3001 Great French Love Stories in Translation MW (3) AS WLE**
An overview of the evolution of the concept of romantic and passionate love in French literature throughout the centuries and its impact on western literature and thought.

**FRT 3540 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 3420 or CI. Study of the most representative novels from the 17th - 20th centuries in France, examining
literary movements, ideas, and techniques. Course taught in French.

FRW 4101 Introduction to French Drama and Poetry MW (3) AS WLE
Pr: FRE 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, Peguy, Eluard, Apollinaire, Char, and others. Course content may vary from year to year. Course taught in French.

FRW 5222 Classical Prose and Poetry (3) AS WLE
Pr: FRW 4101. Emphasis on Malherbe, Descartes, Pascal, La Fontaine, and Boileau.

FRW 5226 20th Century Poetry and Theatre (3) AS WLE

FRW 5286 The 20th Century Novel (3) AS WLE
Pr: FRW 4100. Proust, Gide, Mauriac, Malraux, Camus, Robbe-Grillet.

FRW 5314 Classical Drama (3) AS WLE
Pr: FRW 4101. Corneille, Moliere, and Racine.

FRW 5415 Literature of the Middle Ages (3) AS WLE
Pr: FRW 4100 or FRW 4101. Major genres, including epics, Arthurian romances, drama and lyric poetry. Reading in modern French translation.

FRW 5425 Literature of the Renaissance (3) AS WLE
Pr: FRW 4100 or FRW 4101. A study of Renaissance French humanism including Rabelais, Montaigne, and Pleide poets.

FRW 5445 18th Century Literature (3) AS WLE
Pr: FRW 4100. The classical tradition and the new currents of thought in the Age of Enlightenment.

FRW 5528 Pre-Romanticism (3) AS WLE

FRW 5535 Romanticism and Early Realism (3) AS WLE
Pr: FRW 4101. A study of the romantic and early realistic movements with emphasis on Lamartine, Vigny, Musset, Hugo, and Balzac.

FRW 5552 Naturalism and Realism (3) AS WLE
Pr: FRW 4100 or FRW 4101. A detailed study of realism and naturalism with emphasis on Flaubert, Zola, les Goncourt, Maupassant, and Daudet.

FRW 5745 French Literature of Quebec (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 Sub-Saharan 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 (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 3231 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.

GEO 2000 World Regional Geography SS HP AF (4) AS GPY
Comparative and analytical study of representative regions of the world with emphasis on cultural, political, economic, environmental, and physical diversity.

GEO 3194 Regional Geography (4) AS GPY
Variable title course to systematically study and compare special regions identified by the instructor.

GEO 3405 Geography of Latin America 6A (4) AS GPY
Systematic geographic analysis of the Latin American world region, with emphasis on its cultural, political, economic, environmental, and physical diversity.

GEO 3500 Geography of Europe 6A (4) AS GPY
Systematic geographic analysis of the European world region, with emphasis on its cultural, political, economic, environmental, and physical diversity.

GEO 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 2350 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 chairs.

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 be together concepts, principles, and skills learned separately in other, more specialized courses in Business Administration.

GEB 4905 Independent Study (1-3) BA GBA
Pr: Cl. S/U only. Specialized independent study determined by the student's needs and interests.

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 SS (4) AS GPY
Systematic treatment of human activities on earth; population, settlement, agriculture, industry, trade, transportation, and political and economic aspects are among those considered.

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 OMB 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 4114C 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 2200 or GLY 5010 or CI. Origin, evolution, and current development of basic components of the land surface, with emphasis on processes which shape it.

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 ocean, as well as weather and climate phenomena that are unique to the tropics. Students will take an in-depth look at hurricane climatology, the El Nino and Southern Oscillation phenomenon, thunderstorms and lightning, 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 4260C 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 will be 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 4340 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, tsunamis, 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 4502 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 3602, 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. 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 3103 German Literature in English Translation MW (3) AS WLE
Analysis and interpretation of selected major works of German
literature, to be read in English, with regard to their thought
content and relevance to our thoughts and actions.

GET 3522 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.

GET 3524 German Popular Film HP MW (4) AS WLE
 Overview of films with significant popular success at German
box office from 1920s to present. Films will be discussed in the
context of Germany’s artistic, intellectual, and social history as
such as general film history and criticism. Taught in English.

GET 4523 New German Cinema to Present MW HP (4) AS WLE
An overview of post-1945 German films with emphasis on films by New
German Cinema (1960s-early 80s) & its aftermath. Course offers
insights into Germany’s artistic, intellectual, and social history, as well as general film history and criticism. Taught in Eng.

GEW 4100 Survey of German Literature I (3) AS WLE
Course will examine a variety of texts from the 9th to the early
19th century, exposing significant moments in German literature
and thought and exploring diverse perspectives on German
language and society. Course taught in German. Not repeatable.

GEW 4101 Survey of German Literature II (3) AS WLE
Course will examine a variety of texts from the 19th century to the present,
exposing significant moments in German literature and
thought and exploring diverse perspectives on German culture
and society. Course taught in German. Not repeatable.

GEW 4200 Women in Contemporary German Literature and Film
HP (3) AS WLE
PR: GER 2200 or above or CI. This course serves as an
introduction to contemporary literary works and films by women
writers and directors from German speaking countries. It will
examine the works based on feminist literary and cultural theory.

GEW 4900 Directed Study (1-3) AS WLE
Departmental approval required.

GEW 4930 Selected Topics III (3) AS WLE
Study of an author, movement or theme.

GEW 5475 20th Century Literature to 1945 (3) AS WLE
A study of major styles in German literature from 1900 to WW II
written in German. Two course offerings: 1. The Expressionists (Kästner, Hesse, Mann, Kafka). 2. The "New" Novelists (Hesse, Grass, Brecht.

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
PR: 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
A 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, Weststlicher, Divan.

GER 5845 History of the German Language (3) AS WLE
A study of the factors that created the modern German language.
The course traces the history and development of the language
from Indo-European through Germanic, Old, Middle, and New
High German.

GER 6845 History of the German Language (3) AS WLE
A study of the factors that created the modern German language.
The course traces the history and development of the language
from Indo-European through Germanic, Old, Middle, and New
High German.
GEY 5489 20th Century Literature: 1945 to Present (3) AS WLE
Study of major trends in Gerontological literature since WW II with emphasis on Borchert, Frisch, Durrenmatt, Boll, Uwe, Johnson, Grass, Aichinger, Eich Enzensberger, Bachmann.

GEY 5515 The Enlightenment (3) AS WLE
Selected dramas and critical writings by Lessing, Wieland, Kant.

GEY 5545 Romanticism (3) AS WLE
Jenaer circle and Heidelberger circle; the late romantic period, the writers between Classicism and Romanticism.

GEY 5555 Realism (3) AS WLE
Selected works by Grillparzer, Grabbe, Buchner, Hebbel, Heine, Immerman, Stifter, Keller, Meyer, Storm, Raabe, Hulshoff, and Morike.

GEY 5606 Faust (3) AS WLE
Sources, form, content, and literary significance of Urfaust and Faust.

GEY 5615 Schiller (3) AS WLE
Selected dramas, philosophical, and aesthetic writings.

GEY 5934 Selected Topics (1-3) AS WLE
PR: Upper-level or graduate standing. Study of an author, movement or theme.

GEY 2000 Introduction to Gerontology SS (3) AS GEY
This 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.

GEY 3323 Community Services for Older Adults (3) AS GEY
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 aspects of planning, implementation, and evaluation of services as well as exposure to opportunities for service and employment.

GEY 3601 Physical Changes and Aging (3) AS GEY
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.

GEY 3625 Sociocultural Aspects of Aging SS AF (3) AS GEY
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, attitudes toward aging and the aged, cross-cultural perspectives on aging, the sociology of retirement, and aging and the community.

GEY 4322 Gerontological Case Management (3) AS GEY
This course examines the role and function of case management in meeting the care needs of the older adult. All aspects of case management practice are covered, including the elements of the case management process as well as ethical and legal issues.

GEY 4500 Understanding Policies and Practices of Long Term Care HP SS MW (3) AS GEY
PR: GEY 2000. This course provides principles for managing disability in a variety of settings. Topics include historical context, experience of disability, and changes in providing care for disabled persons. Course is repeatable and not restricted to GEY majors.

GEY 4328 Health Care Operations AF HP SS MW (3) AS GEY
PR: GEY 4327, AGC 2011, each with a grade of C or better. This course addresses the health care operations of long-term care facilities. This course is for students in the BS in long-term care administration, but not limited to GEY majors. The course is repeatable for credit.

GEY 4329 Regulatory and Clinical Operations (3) AS GEY
PR: GEY 4328, AGC 2011, each with a grade of C or better. This course will familiarize the student with the basic aspects of nursing home administration through the practical application of management theory and concepts. The course is not repeatable and not restricted to GEY majors.

GEY 4340 Retirement and LTC Housing for the Elderly (3) AS GEY
This course focuses on housing, environment, and long-term care theories, availability of affordable housing with services, and a number of age-related housing solutions. Repeatable for credit, not restricted to GEY majors.

GEY 4560 Gerontological Counseling (3) AS GEY
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.

GEY 4601 Research Methods in Gerontology (3) AS GEY
PR: STA 2122 or equivalent with a grade of C or better. Restricted to Gerontology majors, others by departmental permission. Methods and techniques of social research in gerontology.

GEY 4608 Alzheimer’s Disease Management (3) AS GEY
PR: GEY 2000 or GEY 3326. This course will provide instruction on effective approaches for providing care to persons with Alzheimer’s Disease 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.

GEY 4612 Psychology of Aging SS (3) AS GEY
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.

GEY 4628 Race, Ethnicity and Aging SS (3) AS GEY
This course addresses how people of different ethnic and racial groups age, in the physical, psychological, and social context. Topics include cultural competence and sensitivity. Not restricted; repeatable.

GEY 4635 Business Management in an Aging Society MW (3) AS GEY
This course provides students with an interdisciplinary perspective that addresses both business management and the impact of our aging society on business.

GEY 4641 Death and Dying SS (3) AS GEY
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 bereavement. Health care practices are considered alongside with community resources.

GEY 4647 Ethical and Legal Issues of Aging SS MW (3) AS GEY
A consideration of the major ethical and legal issues in aging and their implications for policies, priorities, and services.

GEY 4900 Directed Readings (1-3) AS GEY
PR: CI. A reading program with topics in gerontology conducted under the supervision of a faculty member.

GEY 4935 Special Topics in Gerontology (3) AS GEY
Courses on topics such as preretirement, mental health, human services organization, nursing home administration, the older woman, and elder abuse will be offered.

GEY 4945 Field Placement (1-9) AS GEY
PR: CI. 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).

GEY 5620 Sociological Aspects Of Aging (3) AS GEY
Examine, within a sociological frame of reference, the interrelationships between the aged (or aging) and the structure and function of the social system and its major institutionalized subsystems.

GEY 5630 Economics and Aging (3) AS GEY
Examines basic economic systems as they impact 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 4043C 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 5043GIS GIS for Non-Majors (3) AS GPY
An introduction to the concepts underlying digital thematic mapping and geographical information systems (GIS) for non-geography majors and non-geography graduate students.
GLY 3402C The Solid Earth: Plate Tectonics and Earth Structure (4) AS GLY
PR: GLY 2000L, CHM 2045, MAC 2281. CR: GLY 3311C. A lecture and laboratory class that discusses sedimentary processes, formation and classification of sedimentary rock, and the sedimentary rock record. Examination of the rock record to solve problems in sedimentary geology.

GLY 3610C Introduction to Invertebrate Paleontology (4) AS GLY
PR: GLY 2100. BSC 2010 or equivalent strongly encouraged as background. Lectures and computer-based topics and applications of paleontology, including biostatigraphy, taphonomy, paleoecology, and micro- and macroevolutionary patterns and processes. Labs survey the invertebrate phyla comprising the bulk of the fossil record.

GLY 3720C The Fluid Earth (4) AS GLY
PR: GLY 2000L: 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 3950 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 4045 Moons, Planets, and Meteors: 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 4053 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 2000L, GLY 3552C, BSC 2010. The study of “deep time”, including how it is measured, how it is correlated over the Earth’s surface, and how important, physical, biologic, and chemical geologic processes have varied with time. Lec.-Lab.

GLY 4554C Sedimentary Record 2: The Earth’s Surface (4) AS GLY
PR: At least one course in Geology with lab. Principles of weathering, erosion, production, and transport of sediment on the earth’s surface, and the resulting geomorphology. Modern sedimentary environments and the processes and processes 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 4734 Beaches and Coastal Environments MW (3) AS GLY
A comprehensive introduction to the nature of all coastal environments including beaches, dunes, tidal inlets, estuaries, reefs, and river deltas. Emphasis will be on the natural state of these environments and how human activities have and will impact them. Consideration of coastal management policies involving economics, ethics, policy, and environmental law.

GLY 4780 Geological Field Studies (1-3) AS GLY
PR: 1 geology course. Lectures and field trip to study modern geologic systems and/or geologic origins of specific regions. Mapping and field description techniques introduced. Topic/destination of trip varies. Trip requires camping and vigorous physical activity. Lec.-Lab.-field trips.

GLY 4822C Fluid Earth 2: Hydrogeology (4) AS GLY

GLY 4866 Computational Geology (3) AS GLY
PR: One semester of calculus and physics. Geologic problems are approached by mathematical modeling, or the intersection of geology and math. Calculations and error analysis. Not available as S/U for geology majors; S/U available for others.

GLY 4905 Independent Study (1-3) AS GLY
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests.
GLY 5932 Selected Topics in Geology (1-4) AS GLY  
PR: Senior or advanced junior standing and written permission of department prior to registration. S/U only. Individual experimental investigations with faculty supervision.

GLY 4920 Geology Colloquium (1) AS GLY  
PR: Senior standing in Geology. Students, weekly. Weekly topical lectures by faculty, graduate students and invited speakers.

GLY 4921 Geocommunications (3) AS GLY  
PR: Twelve (12) or more hours upper level geology courses. A course in communicating within the earth sciences. Emphasis will be on: writing for publication and technical reports, preparation and presentation of posters, and preparation and presentation of oral papers in earth sciences. Course is open to anyone majoring in geology, geography, anthropology or environmental science and policy. Course is not available on a S/U basis for geology majors.

GLY 4930 Selected Topics in Geology (1-4) AS GLY  
Each topic is a course under the direction of a faculty member with the content depending on the interests of the students and faculty involved. All areas of geology included.

GLY 4946L Practical and Applied Geology: Teaching 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. This course is designed to give students experience in teaching geology. Topics vary widely, with several different offerings each semester. May be repeated for credit.

GLY 4947L Practical and Applied Geology: Laboratory 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 laboratory skills of a practicing geologist. Topics vary widely, with several different offerings each semester. May be repeated for credit.

GLY 4948L Practical and Applied Geology: Field 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 skills of a practicing field 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 analysis 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 2220 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 printed 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 problem solving. Students will increase their skill with web based design and photo-editing software.

GRA 4110 Graphic Design (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 visual communication systems will be discussed and assigned as projects. Focus is upon efficient and effective use of technology in the design production process.

GRA 4840 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 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 development, professional production, and self-promotional skills.

GRE 1120 Beginning Classical Greek I (4) AS WLE  
An introductory course in classical Greek grammar with appropriate readings. May be repeated for credit.

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 2140 New Testament Greek I (4) AS REL  

GRE 2141 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 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  
CR: GRK 1121 or equivalent. A continuation of GRK 1120. 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 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 2220 Modern Greek III (4) AS WLE  
PR: GRK 1120 or its equivalent. An introductory course in classical Greek grammar with appropriate readings.

GRE 905 Directed Study (3) AS WLE  
CR: Enrollment in other course. Restricted to majors. This course is the continuation of Graphic Design I. The coursework emphasizes the utilization of electronic media for visual problem solving. Students will increase their skill with web based design and photo-editing software.

GRE 9095 Directed Study (3) AS WLE  
CR: Enrollment in other course. Departmental approval required. S/U only. Permits study options in Modern Greek not available in the regularly scheduled curriculum at departmental discretion.
HFT 360 Law and Security for the Hospitality Industry  (3) US

Industry. The law pertaining to contracts, workmen’s comp and reasoning. An overview of the security issues in the hospitality industry. The impact of law on economic enterprise in the hospitality industry.

HFT 3861 Beverage Management  (3) US HRM

An introduction to the identification, use and service of wines, spirits, and other alcoholic beverages. An in-depth analysis of beverage operations to include selection/storage, inventory, purchasing, sales/promotion/merchandising, profits and bar management.

HFT 4221 Human Resources Management  (3) US HRM

PR: HFT 3005, MAR 3023 Designed to educate new managers and supervisors in the complex issues involved in a comprehensive human resource program and its importance to hotel and restaurant business. Workmen’s Compensation, ADA, training, policies and procedures.

HFT 4253 Lodging Management  (3) US HRM

PR: HFT 3005. MAN 3025 Principles, practices, and procedures of managerial functions as they relate to the operation of hotels. Training, conflict resolution, total quality management, crisis management, employee empowerment and service standards are focus of team building.

HFT 4323 Facilities Management in Hospitality Operations  (3) US HRM

PR: HFT 3005 Engineering aspects of hospitality establishments, preventive maintenance procedures, energy conservation, waste management, pollution control, life safety systems, and facilities renovation and layout, air conditioning lighting, sound control.

HFT 4471 Management Accounting and Finance in Hospitality  (3) US HRM

PR: FIN 3403, HFT 3005, HFT 3424 Financial functions in hospitality, interpret hospitality financial statements, capital investment decision making, financial instruments and concepts. Analytical modeling for hospitality operations, including ratio analysis and capital budgeting tools.

HFT 4853 Restaurant Trends and Challenges Seminar  (3) US HRM

HBR 1120 Modern Hebrew I  (4) AS WLE

CR: HBR 1120L. 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 2220 or the equivalent. Continuation of HBR 2200. Practice of writing, speaking and listening skills for language students who intend to attain basic proficiency.

HBR 2220 Modern Hebrew III  (4) AS WLE

PR: HBR 1121 or the equivalent. For language students who intend to attain basic proficiency.

HBR 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.

HBR 1120L Modern Hebrew I Laboratory  (1) AS WLE

CR: HBR1120. 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 2220L Modern Hebrew Laboratory  (1) 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 2221 Modern Hebrew II Laboratory  (1) AS WLE

CR: HBR 1122. An intensive study of basic skills; pronunciation, listening comprehension, speaking and some composition. More sophisticated oral/aural skills are attained. Basic reading skills in Modern Hebrew directed.

HBR 1121L Modern Hebrew II Laboratory  (1) AS WLE

CR: HBR 1122. 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.

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.

HBR 1120L Modern Hebrew II Laboratory  (1) AS WLE

CR: HBR 1122. 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 1120 Modern Hebrew I  (4) AS WLE

PR: HBR 1120 or its equivalent. 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 in Modern Hebrew directed.

HBR 2220 Modern Hebrew III  (4) AS WLE

PR: HBR 1121 or the equivalent. For language students who intend to attain basic proficiency.

HBR 2221 Modern Hebrew II  (4) AS WLE

PR: HBR 1122 or the equivalent. Continuation of HBR 2200.

HIS 4104 Theory of History  (4) AS HTY

An overview of the foundations of historical knowledge and historical methodology. Includes a survey of historical thinking and writing from ancient times to the present.

HIS 3308 War and Society MW  (3) AS HTY

An examination of the ways in which societies have organized themselves for war and how societies are changed by war. Also explores gender expectations in war, and the changing conduct of war. Does not count for History major or minor credit.

HIS 3474 Science and Civilization  (4) AS HTY

A thematic study of the interrelationship of science and society in modern history emphasizing the institutional forms, value structures, and social relations in science as they have developed from the scientific revolution to the present.

HIS 3930 Special Topics  (2-4) AS HTY

This course is designed to emphasize a selected historical problem or issue that is meaningful and challenging to the student. A variety of instructional approaches will be taken, and topics may vary.

HIS 3938 Major Issues in History MW  (3) AS HTY

This course provides an introduction to the disciplines of history by examining a specific historical issue and its relation to at least one of the following dimensions: gender, race and ethnicity, international perspectives, environmental perspectives. Does not count for History major or minor credit.

HIS 4104 Theory of History  (4) AS HTY

PR: History major status and 2.25 HTY major GPA required. Departmental approval required. Course permits classes in the original language.
HIS 4900 Directed Reading (1-4) AS HTY PR: CI. Arrangement with instructor prior to registration. Readings in special topics.

HIS 4920 Colloquium in History (2-4) AS HTY Reading and discussion of selected topics in the various fields of history. The subject and scope of inquiry will be determined by the instructor for each section.

HIS 4936 Pro-Seminar in History 6A MW (4) AS HTY PR: History major status and 2.25 HTY major GPA required. Advanced topics in the various fields of history. Emphasis on discussion of assigned readings and on research and writing of a major paper.

HLP 2081 Personal Wellness: A Lifetime Commitment (3) ED EDJ An examination of the bases for adopting a positive health lifestyle with a major emphasis on diet, weight management, physical fitness, stress management, and substance-abuse management.

HLP 4722 Health and Physical Education for the Child (2) ED EDE This course helps elementary education majors understand the health, and developmental needs of K-6 children and to learn the role of the classroom teacher in providing health services, healthy environments, and health & physical ed. instruction.

HSA 4011 Introduction to Public Health (3) PH CFH A survey of policies and programs in public/community health with emphasis on specific needs and problems of Florida.

HSC 2100 Contemporary Health Science SS (3) PH CFH A comprehensive approach to health concerns and problems in contemporary society, including methods of assessing individual health needs.

HSC 2133 Sex, Health, and Decision-Making SS (3) PH CFH This course will provide the student with an overview of the issues involving sexual behaviors, decision-making processes and health outcomes. The course will offer a public health perspective of the consequences of risk-taking activities as well as a psychosocial and cultural view of antecedent behaviors.

HSC 2400 First Aid (2) ED EDP Meets the American Red Cross certification requirements in standard and advanced first aid.

HSC 2933 Selected Topics in Public Health (1-6) PH PHC Overview of major public health and health related issues of interest to undergraduates. Course explores a variety of health topics that are related to improving the health and health behaviors of individuals, groups and communities. Specific topics may vary each semester. No prerequisites. Majors and non majors. May be repeated for up to 6 credits.

HSC 3301 Health, Safety, Nutrition and Motor Skills for the Young Child (3) ED EDP Provide students with the knowledge to teach developmentally appropriate motor activities; to provide continuous health services; and to teach in a health learning environment; and sequence appropriate health instruction for Pre-K through 3rd grade students.

HSC 4134 Prevention of Mental Illness (3) PH PHC This course explores the contributions of prevention science and public health in impeding the development of mental disorders and the events that lead to mental disorders with the major developmental focus on childhood.

HSC 4211 Health, Behavior and Society (3) PH PHC This course focuses on an ecological perspective of the determinants of health including biology, individual behavior, social relationships, social stratification, institutions, neighborhoods and communities, environment, policies and globalization.

HSC 4504 Foundations of Public Health Immunology (3) PH PHC This course provides an overview of the principles of Immunology and an introduction to the applications of immunology and immunologic techniques used in the surveillance, prevention and control of diseases of public health importance.

HSC 4531 Medical Terminology NS (3) PH CFH This course provides a unique educational program to improve the student's medical vocabulary. The course includes medical and scientific content information, which students encounter in other health professional courses. Not restricted to any major.

HSC 4554 Survey of Human Diseases (3) PH CFH PR: Fund. of Biology with Lab or CI. An overview of the nature, types, and mechanisms of diseases of the major body systems.

HSC 4579 Foundations of Maternal and Child Health (3) PH PHC This course provides an overview of maternal and child health issues and trends. With this primary aim, the objectives are organized around the knowledge of health assessment and interventions for families and children.

HSC 4922 Special Topics in Public Health (1-6) PH PHC PR: CI. Content will be governed by student demand and instructor interest.

HSC 5037 Professional Foundations of Health Education (1) PH CFH The study of the practice of health education in various settings, and selected historical, cultural, philosophical, professional, and ethical issues in the practice of education.

HUM 1020 The Arts FA AS HUM Analysis of selected works of literature, music, film, and visual art, representing artists of diverse periods, cultures, genders, and races. Especially recommended for students who later take 4000-level Humanities courses.

HUM 2210 Studies in Culture: The Classical Through Medieval Periods HP (3) AS HUM A survey of literature and the arts of ancient Greece, Rome, and medieval Europe. Issues to be examined may include the dialogue between local traditions and cosmopolitan cultures, the relationship of the individual to society, and the bases for moral values.

HUM 2230 Studies in Culture: The Renaissance Through the Twentieth Century HP (3) AS HUM A historical survey of the visual arts, literature, music and thought of Europe from the Renaissance through the Twentieth century. Issues to be examined may include the relationship between science and the arts and the consequences of the growing contacts among world civilizations and the impact of technological change.

HUM 2271 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 2273 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 2930 Selected Topics (1-4) AS HUM An introductory course dealing with a recurrent theme in the arts or focusing on a particular artistic center (a nation or city at a particular time).

HUM 3231 The Renaissance (3) AS HUM PR: HUM 2210 or HUM 2230. An examination of the arts of the Renaissance, focusing on primary texts and images. Themes include humanism, the revival of antiquity, the concept of the individual, the Reformation and Counter-Reformation, and the impact of New World explorations.

HUM 3237 The Seventeenth Century (3) AS HUM PR: HUM 2210 or HUM 2230. An examination of the development of the art and culture of the Baroque Period, roughly the 17th Century, focusing on primary texts and images. Themes will include mysticism, sensuality, rationalism, science, absolutism, and liberty.

HUM 3240 The Early Middle Ages (3) AS HUM PR: HUM 2210 or HUM 2230. This course examines the diverse cultures of Europe from the fourth to eleventh centuries. Major issues include the formation of religious cultures, modes of cultural contact, relationships between texts and images, and uses of earlier traditions.

HUM 3241 Central Medieval and Gothic Europe (3) AS HUM PR: HUM 2210 or HUM 2230. By studying texts and artefacts, this course examines the diverse cultures of Europe from the eleventh to fourteenth centuries. A central issue covered will be the efforts of the church to create an all-encompassing Christian culture.

HUM 3242 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 redemption of public and political life during this period of extreme change. The Renaissance was a period of cultural and intellectual rebirth, marked by a revival of antiquity, the tension between sacred and secular, and a focus on the study of the humanities. It spanned the 14th to 16th centuries, emphasizing humanism, the study of manuscripts, mosaics, painting and architecture. The Renaissance was a time when the works of ancient authors, such as Homer, Sophocles, and Plato, and monuments such as the Parthenon, were rediscovered. The Renaissance also saw the development of new art forms, such as the painting, architecture, literature, and music of the Northern Renaissance, exemplified in the works of Dürer, Van Eyck, El Greco, and Bosch.

The Renaissance was not just a period of cultural change, but also a time of scientific and technological advancement. The Renaissance saw the development of new technologies, such as the printing press, which allowed the dissemination of knowledge and ideas. This period also saw the development of new scientific ideas, such as the scientific method, which laid the foundation for modern science. The Renaissance was a time of great intellectual and artistic achievement, and its legacy can still be seen in the world today.
HUM 4941 Study on Location (1-4) AS HUM
PR: Repeatable once for up to six 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, plays, and/or concerts will be studied. Reading assignments and field exercises will be assigned.

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.

IDH 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.

IDH 4444 Clinical Nutrition (3) NU NUR
PR: HUN 2201 or equivalent. Focuses on the role nutrition has in causing and preventing disease processes.

IDH 2009 Discovery: People, Processes and Problems (3) 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 ontological and 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 6 credits.

IDH 3100 Arts/Humanities Honors (1-3) HC HON
PR: IDH 2010. An introduction to western arts and letters from the perspectives of three periods (classicism, romanticism, and modernism), the relationship of ideas to art, the similarities among the arts of a given period, and important differences between periods.

IDH 3350 Natural Sciences Honors (3) HC HON
PR: IDH 2010. An exploration of current knowledge concerning fundamental principles in the Sciences, their potential for application and attendant ethical and philosophical questions. Honors College students only. Repeatable up to 6 hours.

IDH 3400 Social and Behavioral Sciences Honors (3) HC HON

IDH 3600 Applied Ethics (3) HC HON
PR: IDH 2010. This course explores ethical issues related to selected topics such as Ethics of Technology, Ethics in Business, Bio-Medical Ethics, Personal Ethics Development.

IDH 4000 Honors Program Seminar: Major Works/Majors Issues (4) HC HON
PR: IDH 2010. This course explores major works and major issues in a variety of disciplines. Each section will be devoted to content in a different academic area.

IDH 4200 Geographical Perspectives Honors (3) HC HON
PR: IDH 2010. An introduction to African, Latin American, Middle Eastern, or Asian perspectives focusing on social, political and economic, artistic, cultural and intellectual subject matter. The material will be presented within a geographical, chronological, and humanities background.

IDH 4910 Undergraduate Research (1-4) HC HON
PR: DPR. A supervised program of interdisciplinary research in areas of specific interest. Open to all USF students by application through the undergraduate research coordinator.

IDH 4930 Selected Topics (1-4) HC HON
PR: IDH 2010. This course is designed to emphasize a selected problem or issue that is meaningful and challenging to University Honors students and special populations. A variety of instructional approaches will be used. Topics will vary each semester. Repeatable for a total of 8 credits.

IDH 4950 Honors Project (1-4) HC HON
A program of independent research or study in areas of specific interest working under the supervision of a faculty mentor. Restricted to Honors College students.

IDH 4870 Honors Thesis (3) HC HON
PR: Senior Honors Standing. The development and public presentation of a senior thesis under the direction of a mentor. Course is taken for 2 semesters.

IDH 5596 Honors Graduate Project (3) HC HON
PR: Senior Status and permission of Honors College. Advanced Honors Project. Repeatable up to 12 hours.

IDH 5975 Honors Thesis (3) HC HON
PR: Senior Status and permission of Honors College. Advanced Honors Thesis. Repeatable up to 12 hours.

IDS 2664 Social Science Perspectives I SS (3) AS IAS
Provides an overview of the evolution and global expansion of Western Civilization. Examines global problems of economic growth and development, geopolitical relations among nations and states, food supply and hunger, and environmental change.

IDS 2665 Social Science Perspectives II SS (3) AS IAS
Approaches the study of human behavior and society using the lens of various institutions. The course addresses issues of social stratification, economics, education, religion and social status. The course is not restricted to any major, has no lab section, and is not cross-listed.

IDS 2668 Historical Perspectives HP (3) AS IAS
Approaches the study of human history through a series of specific case-studies that focus on historical processes. The primary focus of the course is to understand the variety of ways the past has been interpreted, brought into and understood in the present, rather than a comprehensive survey of a limited time or place.

IDS 2667 Historical Perspectives II HP (3) AS IAS
Approaches the study of human history through a series of specific exercises that focus on what historians do: produce histories. The primary focus of the course is to understand the variety of ways that the past can be emplotted in histories, rather than a comprehensive survey of a limited time or place. With this understanding, students will produce several of their own histories.

IDS 2931 Selected Topics (1-5) AS IAS
Selected topics in liberal arts and sciences. A basic introduction to the substance and theory of contemporary topics in humanities, social science or natural science.

IDS 2932 Selected Topics HP (3) AS IAS
Selected topics in the liberal arts and sciences.

IDS 2933 Selected Topics III SS (3) AS IAS
Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 2934 Selected Topics IV SS (3) AS IAS
Selected topics in the Liberal Arts. A basic introduction to the substance and theory of contemporary topics in the arts and sciences.

IDS 3115 Values and Choices 6A MW (3) ED EDF
An in-depth examination of values and their relationship to choices in contemporary society using historical perspective and interpretation of moral/ethical dilemmas. Available to majors or non-majors.

IDS 3186 Scientific and Ethical Dimensions of Human Disease WM (3) AS IAS
PR: DPR. An interdisciplinary perspective of the biological basis of human disease integrated with bioethical dimensions of patient choice, physician responsibility and current health care issues.

IDS 3662 Arts Connections FA (3) VP FAI
This is an interdisciplinary course to the arts disciplines of music, dance, theatre, and art. Artists from the four disciplines will provide weekly presentations centered around issues and ideas that have formed the basis of their creative research. Influences of diversity, new technologies and community and public arts will be explored. This course will introduce students to the unique arts perspective on the perception of the world as well as reflecting the underlying values and paradigms that form our culture(s).

IDS 3663 Critical Issues Affecting the Arts 6A MW (3) VP FAI
PR: CI. A discussion-based examination of cultural trends, educational policies, governmental regulations, and financial factors which impact Art, Dance, Music, and Theatre.

IDS 3668 Images of Contemporary Urban Culture 6A LW (3) AS IAS
Interdisciplinary perspectives on the vision, theories, and practices of contemporary urban culture through the use of various literary genres. Examines the cultural realities of contemporary urban life, such as social stratification, discontinuity, anonymity and poverty, as well as its many potentials such as creative energy,
diversity, and relational networks. Must have enough credit hours required for exit course admission.

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. Full-time (10-25 hrs/wk) paid or for credit, career-related work 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. SR/SS Only.

IDS 4910 Community Research (1-4) AS CEL
PR: CEL Program approval. Repeatable up to 8 credit hours. To provide students with a community related research experience.

IDS 4942 Community Internship (1-4) AS CEL
PR: CEL Program approval. Repeatable up to 8 credit hours. To provide students with a community internship experience.

IDS 4949 Cooperative Education, Alternating (0-3) US COE
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 work 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: CEL Program approval. Repeatable up to 8 credit hours. To provide students with an international community research experience.

IDS 4956 International Community Internship (1-4) AS CEL
PR: CEL Program approval. To provide students with an international community internship experience. Repeatable up to 8 credits.

IDS 5177 The Atelier, Its Management and History (3) VP ART
This class will consider the history of printmaking and other forms of collaborative art production through the prism of the atelier and its management.

IDS 5178 Problems in Museum Studies (3) VP ART
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.

INR 2101 Applied Psychology SS (3) AS PSY
The application of psychological principles and the functions of psychologist in education, government, industry, and clinical practice.

INR 404 Industrial Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CI. Applications of psychological principles to industry. Topics include: selection, training, motivation, job satisfaction, supervision, decision-making.

INR 1015 World Perspective SS AF (3) AS INT
An interdisciplinary study of the international system, major world regions and problems.

INR 2002 Introduction to International Relations (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 3003 Introduction to International Studies (3) AS INT
An interdisciplinary study which stresses methods and analysis. A major portion will focus on the roles which different disciplines play in interpreting the international scene.

INR 3011 Globalization (3) AS INT
Influence of globalization on political-economic and social systems around the world. International organizations involved with globalization processes are studied along with nations benefiting from the consequences of globalization.

INR 3018 World Ideologies MW (3) AS INT
A course which details and examines the ideologies of today's independent countries; analyzing them in their political, social, cultural and historical context.

INR 3033 International Political Cultures MW (3) AS INT
This course will explore ways in which culture influences the nature of government, economic success or failure, and constructive or destructive modes of social and political behavior.

INR 3038 International Wealth and Power SS (3) AS INT
Introduction to the relationship between politics and economics, emphasizing the analysis of government policies in response to both domestic and international economic problems.

INR 3081 International Issues and Actors (3) AS INT
Departmental approval required. For majors and minors in INT only. An examination of the most important issues in international affairs. The course analyzes the behavior of major foreign policy actors in the international arena, including nation states, non-governmental and international organizations.

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 anarchism.

INR 3102 American Foreign Policy (3) AS POL
Analysis 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
A study of security issues, regional and global (such as proliferation, arms control, arms transfer) as they relate to contemporary international politics.

INR 3202 International Human Rights MW (3) AS INT
This course explores the evolution of international rights 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 3955 Overseas Study (1-6) AS INT
A program of individual or group research in a foreign country.

INR 4039 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 SS AF (3) AS INT
PR: Junior/Senior standing. An interdisciplinary course examining theories of conflict, conflict resolution processes and strategies, theories and peacemaking strategies, and the concept of Early Warning Systems related to the outbreak of conflict.

INR 4254 Africa in World Affairs SS AF (3) AS INT
An examination of Africa's place and role in world affairs, including an analysis of the impact of external forces, international relations in post-colonial Africa, the relations of African states with the major world powers, the U.N. and its agencies.

INR 4403 International Law SS (3) AS POL
Examines essential components of the international legal system; recognition; succession; sea, air and space law, treaties, diplomats, International Court of Justice; laws of war, etc. Introduces the student to legal reasoning as employed in the international context.

INR 4502 International Organizations SS AF (3) AS POL
A study of the operations and structure of international organizations and effects on world politics; background and achievement of the UN; regional organizations and multi-national corporations.

INR 4900 Directed Readings (1-3) AS INT
PR: CI. A supervised program of intensive reading of interdisciplinary materials in areas of specific interest.

INR 4910 Directed Research (1-3) AS INT
PR: CI. A supervised program of interdisciplinary research in areas of specific interest.

INR 4931 Selected Topics (1-4) AS INT
Interdisciplinary studies with course content dependent on student demand and instructor's interest.

INR 4936 Senior Seminar SS AF (3) AS INT
PR: International Studies major and senior standing. A variable topics seminar integrating concepts and analyses relating to the academic background of INT majors. Should be taken in the student's final semester.

INR 4943 Internship in International Studies (3-6) AS INT
PR: Senior status. Sr/SS AF only. The purpose of the course is to promote the student's understanding of global international issues within a local and practical context.

INR 5012 Globalization (3) AS INT
Examination of globalization's impact on international relations, including literature from political science, anthropology, geography, sociology, and economics that impacts the study of the nation-state system and power. Open to majors and non-majors.

INR 5086 Issues in International Relations (3) AS POL
Sr./GS. Explores specific topics and provides the student with an opportunity for in-depth study of historical and contemporary problems in international politics.
ISC 1004 Integrated Natural Sciences I: Science that Matters (3) AS NS
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 society, is inquiry based, and emphasizes development of higher order (critical thinking) skills through active learning strategies.

ISC 1005 Integrated Natural Sciences II: Science that Matters (3) AS NS
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 contemporary programming languages. Topics include data structures, indexing, file processing, and user interfaces. Good program design techniques are emphasized. Business applications are developed.

ISM 3431 Management Science Production/Operations Management Applications (3) BA QMB PR: MAC 2233 or MAC 2241. Fundamentals of production operations management (POM) and fundamentals of management science (MS). The application of MS models in the solution of POM problems.

ISM 4133 Advanced Systems Analysis and Design (3) BA QMB PR: ISM 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 on the use of an integrated CASE tool on a team project. Students will gain an understanding of systems development problems and approaches using a variety of methods, such as, lectures, discussion, team presentations, guest speakers, demonstrations and computer use.

ISM 4141 Web Application Development/Java (3) BA QMB PR: ISM 3232 with a grade of "C" or better (not C-). Java will be used to introduce object oriented concepts. Programming assignments cover a variety of application features including graphical user interface, database connectivity, multimedia, & client-server computing using Java and Java Server Pages.

ISM 4212 Database Design and Administration (3) BA QMB PR: ISM 3113 with a grade of "C" or better (not C-). Principles of database design/management for mainframe, micro, and client/server environments; including data modeling, physical vs. logical representation and back-up and recovery management.

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, data administration, security, backup, recovery and database tuning issues.

ISM 4223 Business Data Communications (3) BA QMB PR: ISM 3113 with a grade of "C" or better (not C-). Fundamentals of data communication, including network architectures, communication protocols, transmission standards and media access and 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 systems on these object models. These designs will be implemented by the use of the C++ or other OO programming languages.

ISM 4240 Distributed Operating Systems (3) BA QMB PR: ISM 3232 with a grade of "C" or better (not C-). Introduction to distributed operating systems fundamentals such as distributed systems architecture, file structures, client-server, open systems, resource allocation, and basic tools for manipulating these operating environments.

ISM 4290 Senior Seminar in Information Systems (3) BA QMB PR: ISM 4212 with a grade of "C" or better (not C-). A seminar covering advanced topics in systems management, analysis and design. Applications of these procedures to actual or hypothetical cases.

ISM 4300 Managing Information Resources (3) BA QMB PR: ISM 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: ISM 3200, ISM 3111, 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 important business decisions, demonstrating several forms of mathematical modeling and other management science techniques.

ISM 4480 Electronic Commerce Systems (3) BA QMB PR: ISM 3011 with a grade of "C" or better (not C-), 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 4905 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 (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 (3) AS ISS Course introduces 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 society affect our view of environment?

ISS 3010 Introduction to the Social Sciences (3) AS ISS Integrates the range of social science fields into a global interdisciplinary perspective. Views social institutions and issues from a variety of perspectives.

ISS 3930 Selected Topics in the Social Sciences (1-4) AS ISS Interdisciplinary studies of varying topics, with course content dependent on student demand and instructor's interest.
ISS 4151 Native American Women (3) AS ISS
An interdisciplinary examination of issues 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.

ISS 4910 Directed Research (1-3) AS ISS
PR: CI. A supervised program of interdisciplinary research in areas of specific interest.

ISS 4935 Seminar in the Social Sciences MW (3) AS ISS
PR: Senior standing and ISS 3010 or CI. The seminar which caps the interdisciplinary major. Weds personal curiosity with the application of theoretical models to research on salient social issues.

ISS 5934 Selected Topics (1-3) AS AFA
PR: CI plus senior standing or graduate status. Interdisciplinary studies with course content dependent on student demand and instructor’s interest.

ITA 1120 Beginning Italian I (4) AS WLE
CR: ITA 1120L. The first course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking, and reading.

ITA 1120L Beginning Italian Laboratory (1) AS WLE
CR: ITA 1120. A laboratory designed to offer additional practice in utilizing various instructional technologies and media.

ITA 1121 Beginning Italian II (4) AS WLE
CR: ITA 1121L. The second course in the study of elementary Italian. Emphasis is on the development of basic skills in comprehension, speaking, and reading.

ITA 2200 Italian III (3) AS WLE
CR: ITA 1121 or equivalent. Readings in Italian on the elementary level. A review of the basic structure of spoken and written Italian.

ITA 2201 Italian IV (3) AS WLE
CR: ITA 2200. This course marks the fourth level in the acquisition of Italian language. It continues to encourage students to speak, listen, read and write in the target language through frequent communicative activities.

ITA 2240 Italian Conversation I (3) AS WLE
PR: ITA 2200 or CI. This advanced-level Italian course belongs to the third level of modules leading to proficiency. It aims at consolidating student’s knowledge of Italian grammar and vocabulary with the ultimate goal of fostering accuracy in Italian conversation.

ITA 2241 Italian Conversation II (3) AS WLE
PR: ITA 2241 or CI. This advanced-level Italian course belongs to the third level of modules leading to proficiency. It aims at consolidating student’s knowledge of Italian grammar and vocabulary with the ultimate goal of fostering accuracy in Italian conversation.

ITA 3420 Composition (3) AS WLE
A fundamental composition course for students who have completed ITA 2200.

ITA 3470 Overseas Study (1-6) AS WLE
Prior approval and early registration required. An intensive study-travel project in Italy.

ITT 3504 Italian Cultural Studies HP MW (3) AS WLE
An overview of Italian culture from the Unification to the present. It aims at tracing the ways in which the concept of Italian culture has been defined according to different historical, social, and political perspectives. Taught in English.

ITW 4100 Survey of Italian Literature I (4) AS WLE
A survey of Italian literature from the earliest monuments through the classicism of the 18th century and continuing to present.

ITW 4101 Survey of Italian Literature II (4) AS WLE
A survey of Italian literature beginning with the Classicism of the 18th century and continuing to present.

JOU 2100 Beginning Reporting (3) AS COM
PR: MM 250 or 350. Basic instruction in news judgment, sources of news, newsgathering, and newswriting techniques for various media. Typing ability is required.

JOU 3101 Advanced Reporting (3) AS COM
PR: JOU 2100 or RTV 3301 (RTV majors only), JOU 4201 (may be taken concurrently), PHI 1103 and POS 2041. Reporting and writing the more complex and specialized story. Techniques of investigatory and analytical reporting, including ethical and legal considerations.

JOU 3306 Critical Writing: Editorials, Reviews, Columns (3) AS COM
PR: JOU 3101 and JOU 4201. Interpretive and opinion writing for the mass media. Analysis and discussion of current events as a basis for critical thinking and editorial writing. Evaluation of editorial pages of leading newspapers. Study of journalistic techniques involved in the production of opinion columns.

JOU 3308 Magazine Article and Feature Writing (3) AS COM
PR: CRW 2100 and JOU 2100. Planning, research, writing, and marketing articles for general and special interest magazines and newspaper supplements. Experiences in developing article ideas and analysis of magazine articles.

JOU 3940 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 4181 Public Affairs Reporting (3) AS COM
PR: JOU 3101 or RTV 3301 (RTV majors only), POS 2041 and POS 2112 or POS 3142. Covering city council meetings, courthouse, city hall, courts, society, and other special assignments. Emphasis on interviews, research, and development of government units of all levels of government, including examination and interpretation of public documents and records.

JOU 4201 News Editing I (3) AS COM

JOU 4206 Newspaper and News Publication Design (3) AS COM
PR: JOU 4201 or CI. Theoretical and practical applications of newspaper and news publication design, including typography, graphics, graphic software and electronic picture editing. Exercises in design for newspapers and news publications in both print and electronic formats.

JOU 4212 Magazine Design and Production (3) AS COM
PR: JOU 4201. Theoretical and practical applications of design principles for magazines. Design software, Study of visual design, page architecture, typography, color and illustrations. Integration of design elements in the design of magazine covers. Design elements specific to magazine and production preparation.

JOU 4941 Editing Practicum (1) AS COM
PR: Senior standing, JOU 4201 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 4944 Magazine Practicum (1) AS COM
PR: Senior standing and CI. For journalism sequence majors. S/U only. Practical experience outside the classroom where the student works for academic credit under the supervision of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

JOU 5105 Newswriting and Editing (3) AS COM
PR: GS in Mass Communications or CI. Introduction to the basics of gathering, writing, and editing the news, with an emphasis on practical assignments done under professional conditions and standards. Discussions, readings emphasize the larger context and implications of news.

JOU 5305 Explorations in Newswriting (3) AS COM
PR: CC. Students work to develop writing styles, reporting on and creating stories about significant issues, events, and ideas. The course explores the notion that narrative-style journalism can be an engaging, thorough, and compelling way of effectively bringing readers into stories and giving them a bigger stake in the news. The focus is on-going beyond traditional practices of reporting and writing news stories.

JOU 5534 Multimedia Journalism (3) AS COM
PR: An appropriate undergraduate degree in mass communications or significant professional experience in journalistic writing styles. The course is designed to bring components of print, video, and broadcast reporting together to develop skills for and understanding of the multimedia environment. It is restricted to majors and not repeatable for credit.
JPN 1120 Modern Japanese I (4) AS WLE
CR: JPN 1120L. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

JPN 1121 Modern Japanese II (4) AS WLE
CR: JPN 1120L. A continuation of JPN 1120. More sophisticated oral/aural skills are attained. Basic reading skills are acquired.

JPN 1120L Modern Japanese I Laboratory (1) AS WLE
CR: JPN 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.

JPN 1121L Modern Japanese II Laboratory (1) AS WLE
CR: JPN 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.

JPN 2220 Modern Japanese III (3) AS WLE
PR: JPN 1121 or equivalent. Continuing study to attain basic proficiency in Japanese.

JPN 2221 Modern Japanese IV (3) AS WLE
PR: JPN 2220 or equivalent. Continuing study to attain basic proficiency in Japanese.

LAE 4323 Methods of Teaching English: Middle School (3) ED EDE
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, and critical thinking activities into a literature-based program for middle school students

LAE 4335 Methods of Teaching English: High School (3) ED EDE
PR: LAE 4464. Must be taken one semester prior to internship concurrently with LAE 4530. Whole language methods of integrating reading, writing, speaking, listening, and critical thinking activities into a literature-based program for high school students.

LAE 4414 Teaching Literature in the Elementary School, Grades K-6 (3) ED EDE
Jr./Sr. Standing. 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 4416 Teaching Literature and Writing in the Elementary Grades 6A LW (3) ED EDE
PR: Elementary Education major 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 4446 Adolescent Literature for Middle and Secondary Students 6A LW (3) ED EDE
PR: English Education majors or CL. Recommended to be taken with LAE 4323 two semesters prior to internship. A study of the broad sweep of Latin American history from the pre-Columbian to the present focusing on the social-cultural context to understand the peoples and events that shaped Latin America.

LAE 4932 Selected Topics in the Teaching of English (3) ED EDE
PR: Certification in English and/or Mass Communications and approval of graduate advisor. An introduction to selected issues, events, and people in Latin American history from 1492 to the present. Focus on Argentina, Brazil, Chile, Cuba, and Mexico. Intended for students in any discipline, no prerequisites. An entry-level course for Latin American studies.

LAE 4940 Internship in Latin American and the Caribbean (1-9) AS HTY
PR: Senior standing or enrollment in Plan II Master’s Program. This is a telecourse that is designed to introduce the complexities of Latin America and the Caribbean to students in the USA. Open to all majors and is repeatable up to 9 hours.

LAE 4940 Internship: English Education (1-12) ED EDE
PR: English Education majors or CI. Required concurrently with internship. Synthesis of teacher candidate’s courses in complete college program.

LAE 4940 Internship: English Education (1-12) ED EDE
PR: English Education majors or CI. Required concurrently with internship. Synthesis of teacher candidate’s courses in complete college program.

LAE 5462 Young Adult and World Literature for New Teachers (3) ED EDE
PR: TEACH position with 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 EDE
PR: LAE 4464. Whole language methods of teaching 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.

LAH 2020 Latin American Civilization HP AF (1) AS HTY
An introduction to selected issues, events, and people in Latin American history from 1492 to the present. Focus on Argentina, Brazil, Chile, Cuba, and Mexico. Intended for students in any discipline, no prerequisites. An entry-level course for Latin American studies.

LAH 2733 Latin American History in Film HP AF (3) AS HTY
Through the use of films and readings, this course introduces the broad sweep of Latin American history from the pre-Columbian to the present. Emphasis is placed on the social-cultural context to understand the peoples and events that shaped Latin America.

LAH 3130 Colonial Latin America (4) AS HTY
A study of the Spanish and Portuguese colonial empires in the New World from 1492-1830.

LAH 3200 Modern Latin America (4) AS HTY
A study of the emergence of the Latin American states. The course will examine developments in Latin America during the nineteenth and twentieth centuries. Special attention is given to the Third World character of the region.

LAH 3430 History of Mexico (4) AS HTY
Mexican history from pre-Columbian cultures to the twentieth century. Emphasis falls on the colonial political economy, social development, the wars of independence, development of the 19th century Mexican state and the Mexican revolution.

LAH 3470 History of the Caribbean (4) AS HTY
A thematic study of the circums-Caribbean from pre-Columbian cultures to the twentieth century, emphasizing the development of the Caribbean political economy with emphasis on monoculture, plantation society, and colonial/neocolonial relationships.

LAH 3480 History of Cuba (4) AS HTY
Cuban history from pre-Columbian cultures to the Cuban Revolution. Emphasis on colonization, the sugar economy, the struggles for independence, the political economy of the Republic, and the 20th century revolutionary process.

LAS 3002 Latin America (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.

LAS 3004 The Americas - Latin and Caribbean (3) AS INT
This is a telecourse that is designed to introduce the complexities of Latin America and the Caribbean to students in the U.S. (Open University - televised course.)

LAS 3116 Latin America Through Film AF (3) AS INT
This course will use film, video, selected readings, and lectures to teach the interested student about Latin America.

LAS 4353 Selected Topics in Latin American Studies (3-9) AS INT
Latin America region will be analyzed through different specific topics to provide students analytical tools to understand hemispheric relations and the relevance of this complex region to U.S. history and culture. Repeatable up to 9 credits.

LAS 4940 Internship in Latin America and the Caribbean (1-9) AS INT
PR: CI. Designed to complement other instruction focused on Latin America and the Caribbean. Open to all majors and is repeatable up to 9 hours.
LIS 2005 Library and Internet Research Skills (3) AS LIS
An introductory course in library skills and techniques for the analysis of academic literature 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 current professional issues.

LIS 3351 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 current professional issues.

LIS 5020 Foundations of Library and Information Science (3) AS LIS
Introduction to the study of library and information science, history, organization, specialized literature, outstanding leaders, current trends, issues, and problems; the place of the information agency in society with its contributions to that society.

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 are undertaken.

LIS 5315 Instructional Graphics (3) AS LIS
Theoretical aspects, planning and production of instructional graphic material. The theory of graphic communications. The selection, adaptation, and preparation of graphics 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.

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 novel 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, British, 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, 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...
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 era, western and eastern traditions, male and female writers, and various ethnic cultures. Focus on values/ethics, race, ethnicity, and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3144 Modern European Novel 6A HP (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 major literary works of the 20th Century and explores ways in which authors have expressed the age, its great issues and conflicts, in order to gain an historical perspective that will help relate the present to the recent past. Will not be counted toward the English major.

LIT 3301 Cultural Studies and the Popular Arts 6A MW LW (3) AS ENG
A study of twentieth century culture as it is represented in the film, fiction, and other cultural artifacts of many different nationalities. Focuses on values/ethics, race, ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 3374 The Bible As Literature MW (3) AS ENG
Major emphasis on literary types, literary personalities of the Old and New Testaments, and Biblical archetypes of British and American literary classics. Fall Semester, Old Testament; Spring Semester, New Testament. Focuses on values/ethics, race, ethnicity and gender; thinking and writing skills. May be taken twice for credit with different topics. May be counted once toward the English major.

LIT 3383 The Image of Women in Literature 6A MW LW (3) AS ENG
A study that seeks to trace the origins of contemporary views about women, to analyze major Eastern/Western literary portrayals of women, to examine ideas about women's roles, and to compare/contrast cultural/racial images of women. Will not be counted toward the English major.

LIT 350 Religious and Existential Themes (3) AS ENG
Theological and philosophical ideas, allusions, and symbols in the writings of Dostoevsky, Nietzsche, Mann, Joyce, Eliot, Camus, Sartre, among others.

LIT 3451 Literature and the Occult 6A MW LW (3) AS ENG
An introduction to the occult tradition as a major ingredient in English, Continental, American, and Multicultural literature; analysis of the origins, classifications, and areas of the various magic arts from classical times through the present. Focuses on values/ethics, race/ethnicity and gender; thinking and writing skills. Will not be counted toward the English major.

LIT 4386 British and American Literature by Women 6A MW LW (3) AS ENG
Survey of women's literary tradition in England and America from the seventeenth century to the present. Thematic focus includes self, marriage, sexuality, madness, race and generations. Writing intensive. Will not be counted toward the English major.

LIT 4804 Literature as Cultural Study MW (3) AS ENG
The study of literary texts as cultural artifacts. Literary texts as historical, social, political, psychological, philosophical, religious, etc. documents. Topics and works vary. Will not be counted toward the English major.

LIT 4930 Selected Topics in English Studies (3) AS ENG
The content of the course will be governed by student demand and instructor interest. It will examine in depth a recurring literary theme or the work of a small group of writers. Special courses in writing may also be offered under this title. May be taken twice for credit with different topics.

LNW 4381 Livy (4) AS WLE PR: Basic knowledge of Latin. Readings in the ideas and artistry of this Roman historian.

LNW 4500 Cicero and Roman Philosophy (4) AS WLE PR: Basic knowledge of Latin. Readings in the philosophic writings of Cicero, together with a consideration of ethical thought.

LNW 4501 Seneca and Roman Philosophy (4) AS WLE PR: Basic knowledge of Latin. Readings in the philosophic writings of Lucius Annaeus Seneca, together with an examination of Stoic, Epicurean, and Eclectic thought.

LNW 4634 Catullus (4) AS WLE PR: Basic knowledge of Latin. Readings in Catullus. Study of techniques and tradition of Roman lyric poetry.

LNW 4644 Cicero (4) AS WLE PR: Basic knowledge of Latin. Readings in the epistles of Cicero.

LNW 4654 Horace (4) AS WLE PR: Basic knowledge of Latin. Readings in the Odes and Epodes of Horace, study of the Ode's tradition.


LNW 4674 Ovid (4) AS WLE PR: LAT 1121 or equivalent. Readings in Ovid's Metamorphoses. Study of Ovid's technique, style, and artistry.

LNW 4900 Directed Reading (1-4) AS WLE Departmental approval required.

LNW 4930 Selected Topics (4) AS WLE PR: Study of an author, movement, or theme.

LNW 5900 Directed Reading (1-4) AS WLE Departmental approval required. S/U.

LNW 5934 Selected Topics (4) AS WLE PR: Study of an author, movement, or theme.


MAA 4212 Intermediate Analysis II 6A (3) AS MTH PR: MAA 4211. Riemann-Stieltjes integration, uniform convergence, and related topics.

MMA 4402 Complex Variables 6A (3) AS MTH PR: MAP 2302 or CI. No credit for students with credit in MAA 5405. Complex numbers, Cauchy-Riemann equations, analytic and harmonic functions, Cauchy Integral Formula, residue theory.

MMA 5306 Real Analysis I (3) AS MTH PR: MAA 4211. Riemann-Stieltjes integrals, uniform convergence, Fourier series, Lebesgue measure and integration on R.

MMA 5307 Real Analysis II (3) AS MTH PR: MMA 5306. Metric spaces, Banach spaces, and function spaces; measure and integration on abstract spaces.

MMA 5405 Applied Complex Analysis (3) AS MTH PR: CI. Complex numbers, analytic and harmonic functions. Series. Contour integrals, residue theory. Conformal mappings. (A survey course emphasizing techniques and applications.)

MAC 1105 College Algebra 6A 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 1114 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 90 or better Elementary Algebra CPT score. No credit for students with prior credit for MAC 1140 or MAC 1147. Functions, graphs, and trigonometric functions, properties and graphs of trigonometric functions, right triangles, laws of sines and cosines, polar coordinates.

MAC 1140 Precalculus Algebra 6A QM (3) AS MTH PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math Score, or 24 or better ACT Math Score, or 90 or better Elementary Algebra CPT score. No credit for students with prior credit for either MAC 1140 or MAC 1147. This is an accelerated combination of MAC 1140 and MAC 1147; this course is best for students who have already seen trigonometry. See the descriptions of MAC 1140 and MAC 1147.

MAC 1147 Precalculus Algebra and Trigonometry 6A QM (4) AS MTH PR: C (2.0) or better in MAC 1105, or 550 or better SAT Math score, or 24 or better ACT Math score, or 90 or better College-Level Math CPT score. No credit for students with credit for either MAC 1140 or MAC 1147. This is an accelerated combination of MAC 1140 and MAC 1147; this course is best for students who have already seen trigonometry. See the descriptions of MAC 1140 and MAC 1147.

MAC 2233 Business Calculus 6A QM (4) AS MTH PR: C (2.0) or better in MAC 1105, or C (2.0) or better in MAC 1140 or C (2.0) or better in MAC 1147. Functions, differentiation and integration of algebraic, exponential and
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 4402 Employment Laws (3) BA MAN
Federal and state regulation of the employment relationship, including wage and hour laws; EEO; affirmative action programs; employee benefits; insurance; workers' compensation, safety, health, employee's personal rights; collective bargaining legislation.

MAN 4530 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 placed on the application of various decision science methodologies to problem situations.

MAN 4507 Operation Production Systems (3) BA QMB
PR: MAN 4040 or CI. Study of closed loop production planning and control systems. Master production planning, inventory management, materials requirements planning, capacity, management, production activity. Relationship to organizational effectiveness.

MAN 4600 International Management (3) BA MAN
PR: MAN 3025, Senior Standing or 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 4702 Disaster Recovery and Business Continuity Planning (3) US EIT
PR: Electives may be taken at any time after completion of the first semester. When organizations are interrupted by disasters, accidents, or natural events, a loss of money, data, and/or productivity occurs. The extent to which the loss affects the organization's health depends on its ability to deal with these disruptions.

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 options for succession or termination.

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 MAN 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 MAN 5307 or CI. Topics selected from fixed point theory, comparison theory, oscillation theory, Poincare-Bendixon 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 3023. 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 business 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 in analyzing, organizing, planning and controlling retail 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 this area. Emphasis placed on the effective use of the promotional mix in developing an overall promotional program strategy.

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 4532 Business to Business Marketing (3) BA MKT
PR: MAR 3023. A study of the marketing of goods and services to the industrial and institutional sectors. Includes characteristics of the markets and channels of distribution, sales, management, research and promotional practices, marketing policies and strategies.
MAR 4503 Buyer Behavior (3) BA MKT  
PR: MAR 3023. A study of the basic concepts of buyer behavior, including pre- and post-purchase attitudes and behavior patterns, information processing relating to the functional areas of marketing and the buyer’s decision-making process. Managerial applications will be 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 is 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.

MAR 4933 Selected Topics In Marketing (1-3) BA MKT  
Topics to be selected by instructor and department chairperson.

MAS 100 Constructive Number Theory and Linear Algebra (3) US 102A  
PR: Acceptance in USF-Hillsborough County Mathematics and Science Program. Computational and constructive aspects of number theory. Topics include: properties of integers, Diophantine Equations, quadratic residues, congruences, over the integers, systems of linear equations, matrices and determinants.

MAS 3105 Linear Algebra 6A (4) AS MTH  
CP: MGF 3301 and either MAC 2283 or MAC 2313. Linear systems, matrices, vector algebra, linear independence, inner product spaces, Gram-Schmidt algorithm, linear transformations and matrix representations, determinants, eigenvalues, diagonalization, and symmetric forms.

MAS 4156 Vector Calculus 6A (4) AS MTH  
PR: MAS 3105 and either MAC 2313 or MAC 2283. Implicit function and inverse function theorems, parameterized surfaces, submanifolds on Euclidean space, exterior calculus of differential forms, differential of vector fields, line and surface integrals, Stokes’ Theorem, elementary continuous groups.

MAS 4214 Elementary Number Theory 6A (3) AS MTH  
PR: MAC 2312. No credit towards Mathematics major. Divisibility, prime numbers, Fundamental Theorem of Arithmetic, Diophantine equations, the algebra of congruencies, number functions and other selected topics.

MAS 4301 Elementary Abstract Algebra 6A (3) AS MTH  
PR: MAS 3105. An introduction to the basic algebraic structures; groups, rings, integral domains, and fields; homomorphisms and isomorphisms.

MAS 4312 Algebra II (3) AS MTH  

MAS 5215 Number Theory (3) AS MTH  
PR: MAS 3105 and MAS 4301, or CI. Fundamental theorem of arithmetic, modular arithmetic, Chinese remainder theorem, Mersenne primes, perfect numbers, Euler-Fermat theorem, pseudo primes, primitive roots, law of quadratic reciprocity, factorization and primality testing algorithms.

MAS 5311 Algebra I (3) AS MTH  
PR: MAS 3105 and MAS 4301 or CI. Group theory: Sylow theorems; classification of groups of small order. Ring theory: ideals, quotient rings, polynomial rings, Euclidean domains, principal ideal domains and unique factorization.

MAS 5312 Algebra II (3) AS MTH  
PR: MAS 5311 or CI. Continuation of MAS 5311. Finite generated modules over a principal ideal domain, basic field theory, finite fields, Galois theory.

MAT 2930 Selected Topics in Mathematics 6A (1-4) AS MTH  
PR: CI. The course content will depend on the interest of faculty members and student demand.

MAT 2936 Technology Seminar 6A (1) AS MTH  
S/U only. A 3-hour/week technology seminar to acquaint students majoring in mathematics, physics, and other sciences with the computer tools necessary in scientific communication and document preparation.

MAT 4906 Independent Study 6A (1-4) AS MTH  
PR: CI. S/U only. Specialized independent study determined by the student’s needs and interests. The written contract required by the College of Arts and Sciences specifies the regulations governing independent study.

MAT 4930 Selected Topics in Mathematics 6A (1-4) AS MTH  
PR: CI. Each course covers a single topic outside the usual curriculum.

MCB 2000 Microbiology for Nursing and other Healthcare Professionals (3) NU NUR  
Basics of microbiology for health professionals. Focus on disease states and the role of bacteria, viruses, fungi, rickettsiae and other pathogenic organisms.

MCB 2000L Microbiology Lab for Nursing and other Healthcare Professionals (1) NU NUR  

MCB 3020C General Microbiology (4) AS BIO  
PR: BSC 2010, BSC 2010L, BSC 2911, BSC 2911L, 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. Structure and function of bacteria, archaea, viruses, and eukaryotic microbes. Laboratory includes media preparation and culturing, staining and enumeration techniques. Lecture and Laboratory. PCB 3063 is recommended.

MCB 4115C Determinative Bacteriology (5) AS BIO  
PR: MCB 3020C, CHE 2210, MAC 1105 or higher-level MAC course or STA 2023. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHEM 2211. Survey of bacterial classification; detailed examinations of bacteria important to man in agriculture, industry and as pathogens. Lecture only.

MCB 4404 Microbial Physiology and Genetics (4) AS BIO  
PR: MCB 3020C and CHEM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and PHY 2053. CP: PCB 3023 or PCB 3043 or PCB 3063 or PCB 3712 and CHEM 2211. Survey of bacterial classification; detailed examinations of bacteria important to man in agriculture, industry and as pathogens. Lec-lab.

MCB 4404L Microbial Physiology and Genetics Laboratory (1) AS BIO  
PR: MCB 4404. Laboratory portion of Microbial Physiology and Genetics relating to biochemical characteristics and metabolic capabilities of bacteria. Laboratory only.

MCB 4503 Virology (3) AS BIO  
PR: MCB 3020C and CHEM 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 CHEM 2211. The biology of viruses associated with plants, animals, and bacteria will be considered; the nature of viruses, the mechanisms of viral pathogenesis, and interactions with host cells.

MCB 4910 Microbiology Undergraduate Research (1-4) AS BIO  
PR: CC. For B.S. Microbiology majors only. S/U only. Individual investigation with faculty supervision.

MCB 4934 Seminar in Microbiology (1) AS BIO  
PR: Senior or advanced junior standing. S/U only. Biology majors may take for elective credit.

MCB 5206 Public Health and Pathogenic Microbiology (3) AS BIO  
PR: MCB 3020C. CI. A comprehensive survey of pathogenic microbes responsible for disease in man and other animals and the impact of these infectious agents on the public health. These pathogens will be studied with respect to their morphology, cultivation, mechanisms of pathogenicity, laboratory diagnosis, and epidemiology.

MCB 5655 Applied and Environmental Biology (3) AS BIO  
PR: MCB 3020C. CI. An introduction to the applications of microbiology to the food/beverage industry, agriculture, public health and bioremediation. This course is a microbiology elective and may take for elective credit.

MCB 5655 Applied and Environmental Biology (3) AS BIO  
PR: MCB 3020C. CI. An introduction to the applications of microbiology to the food/beverage industry, agriculture, public health and bioremediation. This course is a microbiology elective and may take for elective credit.

MCB 6520 Medical Mycology (3) AS BIO  
PR: MCB 3020C. CI. An introduction to the applications of microbiology to the food/beverage industry, agriculture, public health and bioremediation. This course is a microbiology elective and may take for elective credit.
MHS 4010C Meteorology (4) AS GPY
PR: GEO 2200 or CI. The earth's atmosphere and its processes; weather forecasting and analysis; instrumentation.

MGF 1106 Finite Mathematics 6A QM (3) AS MTH
PR: C (2.0) or better in MAT 1033, or 440 or better SAT Math score, or 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 1107 Mathematics for Liberal Arts 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. This terminal course is intended to present topics which demonstrate the beauty and utility of mathematics to the general student population. Among the topics which might be included are: Financial Mathematics, Linear and Exponential Growth, Numbers and Number Systems, Elementary Number Theory, Voting Techniques, Graph Theory, and the History of Mathematics.

MGF 1116 Mathematical Experience 6A (3) AS MTH
PR: Two years of high school algebra. Introduction to some important and interesting basic ideas in mathematics with an emphasis on a mathematical way of thinking. Concepts such as definitions, axioms and proofs are explained. Topics from number theory, combinatorics, algebra and geometry are used. Some topics are presented in their historical context and their impact on the development of mathematics is discussed.

MGF 2131 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 functions under iteration: periodicity, attractors, stability, complex numbers, Cantor sets, fractals, sensitive dependence.

MGF 3301 Bridge to Abstract Mathematics 6A QM (4) AS MTH
CP: MAC 2313 or MAC 2283. Techniques and logic of the construction of proofs. Topics will be selected from propositional logic, set theory, relations and functions, equivalence relations, Boolean algebra, cardinality, and limits.

MHF 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 and its cultural impact from the formation of number systems to the Renaissance.

MHF 4406 The History of Modern Mathematics 6A MW (3) AS MTH
PR: MAC 2313. Traces the development of mathematical ideas in Western culture.

MHS 5411 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-majors in behavioral healthcare.

MHS 4052 Human Relations Skills in Counseling MW (4) ED EDG
Introduction to the theory of human relations dynamics and development of skills required for effective interpersonal relations. Lecture sessions and experiential training.

MHS 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 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 4525 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 family therapy, 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 4741 Research Processes in Behavioral Health (3-5) FM FMH
PR: 1 course in statistics; 1 course in research methods. Application of research processes used in the interdisciplinary field of behavioral health including research design, quantitative and qualitative methods, measurement, report writing, dissemination, and grant writing. Open to all majors.

MHS 4900 Independent Research in Behavioral Health (1-4) FM FMH
PR: 1 course in statistics; 1 course in research methods. Students will conduct an independent research project in behavioral health (mental health and/or substance abuse) under the guidance of a faculty mentor. May be repeated for maximum of 8 credits.

MHS 4905 Independent Study: Guidance and Counseling Education (1-4) ED EDG
PR: DPR. S/U only. Specialized independent study determined by the interests, needs, and abilities of the student.

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
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 5020 Foundations 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 4942 Independent Study (1-4) ED EDG
Independent study. S/U only. Specialized independent study determined by the interests, needs, and abilities of the student.

MHS 5450 Human Growth and Development (3) AS REH
PR: RCS 5780, MHS 5020, Majors 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. S/U only. Specialized independent study determined by the interests, needs, and abilities of the student.

MLS 4031 Introduction to Medical Technology (2) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on the utilization of medical technology, including professional ethics, safety regulations, quality control, phlebotomy, medical terminology, laboratory math, and computer applications.

MLS 4850 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 analysis of chemical substances found in the body as related to the diagnosis of
human disease, including topics such as instrumentation, electrophoresis, therapeutic drug-monitoring assays, tumor markers, and toxicology.

**MLS 4865 Clinical Immunohematology** (6) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on blood and tissue typing, including blood group systems, transfusion associated diseases, HLA testing, and preparation of blood and blood components for transfusion therapy.

**MLS 4866 Clinical Laboratory Management and Education** (1) AS IAS
PR: Senior standing and acceptance into an approved affiliated hospital. A hospital clinical course on concepts of laboratory management, including personnel staffing, reimbursements, quality assurance, and regulatory issues, and clinical education techniques, including writing, lecture presentation, and evaluation.

**MMC 2100 Writing for the Mass Media** (3) AS COM
PR: Sophomore standing; 2.75 overall grade point average; grade of “C” in ENC 1101, ENC 1102, and passing score on English Diagnostic Test. An introduction to the basic skills of writing for the mass media with practice in library research, persuasive writing, and informational writing.

**MMC 3602 Mass Communications and Society SS HP** (3) AS COM
PR: MMC 2100 and MMC 3602. An introduction to the techniques of writing for electronic media. Emphasis is on documentary presentation.

**MMC 4200 History and Principles of Communications Law** (3) AS COM
PR: MMC 2100 and MMC 3602. Historical and constitutional backgrounds of freedom and control of expression, statutory enactments, major court decisions and administrative rulings which affect print media, telecommunications, advertising, public relations, and new media.

**MMC 4203 Communication Ethics** (3) AS COM
PR: MMC 2100 and MMC 3602 or CI. A study of the fundamental principles and philosophies of ethics and their application to the decision-making process in the various professions of mass communications.

**MMC 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 Communications; 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.

**MUC 1001C Leadership and Personal Development** (2) US MIS
Introduces to personal challenges & competencies critical to effective leadership; teaches personal development life skills relative to leadership, officerhip, & Army profession; focuses on building understanding of ROTC Program & its purpose in Army.

**MUC 1002C Introduction to Tactical Leadership** (2) US MIS
Presents leadership basics (eg: setting direction, problem-solving, listening, briefs, giving feedback & use of effective writing skills); explores dimensions of leadership values, attributes, skills & actions in context of practical hands-on exercises.

**MUC 2101C Innovative Team Leadership** (2) US MIS
Explores creative & innovative tactical leadership strategies & styles. Develops knowledge of leadership values & attributes by understanding Army rank, structure, & duties. Broadens knowledge of land navigation & squad tactics.

**MUC 2102C Foundations of Tactical Leadership** (2) US MIS
Examines challenges of leading tactical teams in complex current operating environment; highlights dimensions of terrain analysis, patrolling & operation of lines of communication; develops greater self-awareness, communication & team building skills.

**MUC 2900 Army Physical Readiness** (1) US MIS
This course will train students in the unique role of Army physical readiness in sustaining Army operations. It will also prepare students to plan, prepare, and conduct military fitness training. Repeatable for 8 semesters, but only 4 credit hours will be counted toward the program.

**MUC 3901 Basic Leader Training** (4) US MIS
PR: CI. A 35 day internship at Fort Knox, Kentucky that incorporates a wide range of military subjects designed to develop/evaluate leadership and officer potential. The course is intentionally stressful and designed to build individual confidence through the accomplishment of tough and demanding training. Students completing the course may qualify for entry into the ROTC Advanced Course.

**MUC 3901C Adaptive Team Leadership** (3) US MIS
Challenges to study, practice, & evaluate adaptive team leadership skills as demands of the ROTC LDAC are presented. Uses challenging scenarios to develop self-awareness & critical thinking skills. Provides specific feedback on leadership abilities.

**MUC 3902C Leadership in Changing Environments** (3) US MIS
Challenges to study, practice, & evaluate adaptive leadership skills as demands of ROTC Leader Development Assessment Course are presented. Develops self-awareness & critical thinking skills with challenging scenarios. Provides feedback on leadership skills.

**MUC 3901C Developing Adaptive Leaders** (3) US MIS
Develops ability to plan, & assess complex operations, functioning as member of a staff; provides performance feedback to subordinates; gives opportunities to assess risk, make ethical decisions, & lead fellow cadets; prepares in becoming Army officer.

**MUC 4302C Leadership in a Complex World** (3) US MIS
Explores dynamics of leadership in complex situations of current military operations in current operating environment; examines differences in courtesies, military law, principles of war & rules of engagement in face of international terror & more.

**MUC 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, Möbius geometry, elliptic and hyperbolic geometry.

**MTG 4302 Introduction to Topology** (6A) (3) AS MTH

**MTG 5256 Differential Geometry** (3) AS MTH
PR: MAA 4211, MAS 3105. Exterior calculus, differentiable manifolds, integration of differential forms, surfaces in 3-space, covariant derivative, 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 2301 Composition** (3) US MU
PR: MUT 1112 and DPR. Private instruction in original composition. Required of composition majors.

**MUC 2301 Introduction To Electronic Music** (FA) (3) VP MUS
HYBRID ELECTRONIC MUSIC: history and repertory of electronic music; sound, attributes, synthesis; basic electronics as applied in electronic sound synthesis; mathematics for music, composition and electronic music.
MUC 3231 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 4301 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 or 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 4620 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: DPR. The course is designed to 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.

MUE 3421 Choral Techniques and Pedagogy (1) VP MUS
A study of choral materials in a laboratory setting appropriate to elementary and secondary school music programs. Course content will change each semester.

MUE 3422 Wind Techniques and Pedagogy (2) VP MUS
PR: MUC 3104 A two-semester sequence intended to equip music education students with basic performance, pedagogical, and rehearsal techniques, applicable to brass and woodwind instruments and ensembles.

MUE 3423 String Techniques and Pedagogy (1) VP MUS
PR: DPR. A study of orchestra materials, in a laboratory setting, appropriate to elementary and secondary school music programs. Course content will change each semester.

MUE 3930 Music Education Forum (1) VP MUS
PR: Status as a music education major; permission of the Music Advisor. Discuss MusEd professional organizations (MENC, CMENC, ISME, etc.). Students join CMENC and attend the FMEA conference. Add’l topics: classroom management, school safety, professional ethics, education law, and MusEd for special students. Required for MusEd majors 4 semesters @ 1 credit hour per term.

MUE 4210 Music For The Child (3) VP MUS
PR: Admission to the College of Education. DPR. Music fundamentals, the development of music skills and knowledge of music materials and teaching strategies for presenting music to children in the elementary school.

MUE 4311 K-12 General Music Methods and Practicum (4) VP MUS
PR: MUE 2090 This course will consist of theoretical and practical training in teaching General Music Education K-12. It will include the study of philosophies, strategies and methodologies in contemporary General Music Education used in the USA and internationally.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>MUN 3012</td>
<td>Music in Your Life FA</td>
<td>(3)</td>
<td>VP MUS</td>
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<tr>
<td>MUN 1100</td>
<td>University Pep Band</td>
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<tr>
<td>MUT 1242</td>
<td>Aural Theory II</td>
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<td>MUS 3313</td>
<td>University Singers</td>
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<td>MUS 3343</td>
<td>Chamber Singers</td>
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<td>MUS 3383</td>
<td>University-Community Chorus</td>
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<td>MUS 3411</td>
<td>String Quartet</td>
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<td>MUS 3421</td>
<td>Flute Choir</td>
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<td>MUS 3431</td>
<td>Brass Quintet</td>
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<td>MUS 3432</td>
<td>Horn Quartet</td>
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<td>Brass Choir</td>
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<td>MUS 3443</td>
<td>Percussion Ensemble</td>
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<td>MUS 3444</td>
<td>Marimba Ensemble</td>
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<td>MUS 3503</td>
<td>Opera Workshop</td>
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<td>MUS 3713</td>
<td>Jazz Ensemble</td>
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<td>MUS 3714</td>
<td>Jazz Chamber Ensemble</td>
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<td>MUS 3722</td>
<td>Language Diction For Singers</td>
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<td>MUT 1111</td>
<td>Music Theory III</td>
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MUT 2117 Music Theory IV (3) VP MUS
PR: MUT 2116, 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 4571 Twentieth Century Practice (3) VP MUS
PR: 4510, 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 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.

MVF 1413 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.

MVF 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.

MVF 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.

MVF 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.
MVJ 1219 Jazz Percussion (1) 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 1210 Applied Jazz Piano (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1219 Jazz Percussion (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1214 Applied Jazz Bass (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVJ 1213 Applied Jazz Guitar (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVB 4344 Euphonium Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVB 4343 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 4342 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 4341 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.
MVJ 1310 Applied Jazz 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.

MVJ 1313 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 1314 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 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. 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 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 Jazz 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 Applied Jazz 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.

MVJ 2323 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 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 2340 Jazz 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.

MVJ 2343 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 3250 Applied Jazz Piano Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 3252 Applied Jazz Bass Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 3253 Applied Jazz Guitar Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 3254 Applied Jazz Bass Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 1414 Jazz Piano 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 1440 Jazz Piano Major (3) VP MUS
PR: DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 4443 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 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. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 4950 Applied Jazz Performance (3) VP MUS
PR: MUT 2642 and DPR. Necessary competency at senior level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVJ 5250 Applied Jazz Piano Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5252 Applied Jazz Bass Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5253 Applied Jazz Guitar Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.

MVJ 5254 Applied Jazz Bass Secondary (2) VP MUS
PR: DPR. Necessary competency determined by faculty jury audition. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Type</th>
<th>PR/Pre-Requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVJ 5259</td>
<td>Applied Jazz Percussion Secondary</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.</td>
</tr>
<tr>
<td>MAV 5951</td>
<td>Applied Jazz Performance</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 1111</td>
<td>Keyboard Skills I</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 1311</td>
<td>Piano Principal</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 1121</td>
<td>Keyboard Skills II</td>
<td>(2) VP MUS</td>
<td>PR: MVK 1111 or DPR</td>
<td>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.</td>
</tr>
<tr>
<td>MVK 1211</td>
<td>Applied Piano</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Open to a limited number of non-music majors who have had prior musical training.</td>
</tr>
<tr>
<td>MVK 1311</td>
<td>Piano Principal</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 1821</td>
<td>Beginning Piano I</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 2111</td>
<td>Keyboard Skills III</td>
<td>(2) VP MUS</td>
<td>PR: MVK 1111 or DPR</td>
<td>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.</td>
</tr>
<tr>
<td>MVK 2121</td>
<td>Keyboard Skills IV</td>
<td>(2) VP MUS</td>
<td>PR: MVK 1111 or DPR</td>
<td>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.</td>
</tr>
<tr>
<td>MVK 2321</td>
<td>Piano Principal II</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 2421</td>
<td>Piano Major II</td>
<td>(3) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 3111</td>
<td>Music Majors, Level V</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 3331</td>
<td>Piano Principal II</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Required registration in major performance ensemble. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 3431</td>
<td>Piano Major II</td>
<td>(3) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 4341</td>
<td>Percussion Principal II</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVK 4441</td>
<td>Percussion Major II</td>
<td>(3) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
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<tr>
<td>MVJ 5951</td>
<td>Applied Percussion</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
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<tr>
<td>MVJ 5251</td>
<td>Applied Piano</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVJ 4641</td>
<td>Piano Pedagogy II</td>
<td>(4) VP MUS</td>
<td>PR: MVK 4640, DPR</td>
<td>May be elected by undergraduate music majors. May be elected by undergraduate music majors. Private and class instruction.</td>
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<tr>
<td>MVJ 3331</td>
<td>Percussion Principal II</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVJ 1311</td>
<td>Percussion Principal II</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVJ 1411</td>
<td>Percussion Major II</td>
<td>(3) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
<tr>
<td>MVJ 1821</td>
<td>Beginning Piano I</td>
<td>(2) VP MUS</td>
<td>PR: DPR</td>
<td>Necessary competency determined by faculty jury examination. Required of all applied music majors. Private and class instruction.</td>
</tr>
</tbody>
</table>

**UNIVERSITY OF SOUTH FLORIDA - 2007/2008 UNDERGRADUATE CATALOG**

MVP 4641 Piano Pedagogy II (4) VP MUS

PR: MVK 4640, DPR. May be elected by undergraduate music majors. Private and class instruction.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Type</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVS 1212</td>
<td>Applied Viola</td>
<td>1</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1213</td>
<td>Applied Violoncello</td>
<td>1</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1214</td>
<td>Applied Double Bass</td>
<td>1</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1314</td>
<td>Double Bass Principal</td>
<td>2</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1411</td>
<td>Violin Major</td>
<td>3</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1412</td>
<td>Viola Major</td>
<td>3</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 1413</td>
<td>Cello Major</td>
<td>3</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 2321</td>
<td>Violin Principal</td>
<td>2</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 2322</td>
<td>Viola Principal</td>
<td>2</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 2323</td>
<td>Violoncello Principal</td>
<td>2</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 2324</td>
<td>Double Bass Principal</td>
<td>2</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
<tr>
<td>MVS 2421</td>
<td>Violin Major</td>
<td>3</td>
<td>VP MUS</td>
<td>Private and class instruction. 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.</td>
</tr>
</tbody>
</table>
gain proficiency in an area other than their applied performance lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1215 Applied Saxophone (1) VP MUS
PR: DPR. Course is open by audition only. One half-hour private lesson or one hour class per week for music students wishing to gain proficiency in an area other than their applied performance major and for a limited number of nonmusic majors who have had prior musical training.

MVW 1311 Flute Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1312 Oboe Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1313 Clarinet Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1314 Bassoon Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1315 Saxophone Principal (2) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1341 Flute Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1342 Oboe Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1343 Clarinet Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1344 Bassoon Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1345 Saxophone Major (3) VP MUS
PR: DPR. Required of all applied music majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1232 Flute Principal (2) VP MUS
PR: DPR. Required of all applied music education and composition majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 1237 Oboe Principal (2) VP MUS
PR: DPR. Required of all applied music education and composition majors. Open to a limited number of nonmusic majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.
MVW 3435 Saxophone Major (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 3434 Bassoon Major (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 3432 Oboe Major (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 3431 Flute Major (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 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 3334 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 3333 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 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 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 3232 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 3231 Flute Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3222 Oboe Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3221 Flute Major (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3211 Wind Ensemble (3) VP MUS
PR: DPR. Necessary competency at Sophomore level determined by faculty jury examination. Required of all applied music majors. Private and class instruction.

MVW 3232 Saxophone Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3231 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3222 Oboe Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3221 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3332 Oboe Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3331 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3322 Oboe Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3321 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3232 Saxophone Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3231 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3222 Oboe Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3221 Flute Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.

MVW 3332 Oboe Major (3) VP MUS
PR: DPR. Required of all music education and composition majors. Open to a limited number of non-music majors by audition only. Applied music courses are NOT available on S/U basis. Private and class instruction.
NUR 3026L Nursing Fundamentals Clinical (4) NU NUR
PR: Admission to the nursing major or CI; CR: NUR 3026L
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 3066L. 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 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 3150 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, NUR 3026L, NUR 3066L, NUR 3076, NUR 3125, NUR 3215L Focuses on the nursing assessment, prevention, and management of selected health care problems in adults of all ages. Critical thinking is used to analyze the effects of changes in health status and impact of nursing interventions for: patients with alterations in Fluid and Electrolyte Balance, Cardiopulmonary System, Cardiovascular System, Pulmonary System, Renal System, Endocrine, Cancer, Multisystem Dysfunction.

NUR 3215L Medical Surgical Nursing Clinical I (4) NU NUR

NUR 3215 Psychiatric/Mental Health Nursing (3) NU NUR

NUR 3255L Psychiatric/Mental Health Nursing Clinical (3) NU NUR
PR: NUR 3076, NUR 3066, NUR 3125, NUR 3206L and NUR 3206L CR: NUR 3255L. Focus on clinical intervention using critical thinking and communication skills with patients who require complex psychiatric rehabilitative care. Opportunities are offered to apply knowledge of psychopathology and psychopharmacologic therapies across the lifespan.

NUR 3805 Education Transitions for Registered Nurses (3) NU NUR
PR: Admission to the nursing major. Transition to professional nursing for the registered nurse, its theoretical perspective and empirical bases and essential skills for success in nursing education. Focus on developing a variety of learning strategies and approaches to academic achievement.

NUR 3825L 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
Provides core knowledge in the fundamentals of clinical nursing practice. Focus is on developing nursing psychomotor skills.

NUR 4097 Introduction to Nursing Humanities MS (3) NU NUR
Provides 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 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 statistics is recommended. An analysis of the research process. Emphasis on identification of researchable nursing problems and evaluations of research that is applicable to nursing practice. Focus on evidence-based practice for nursing.

NUR 4178 Complimentary and Alternative Therapies MW (3) NU NUR
Explore and analyze Complementary and Alternative Therapies and their effectiveness and appropriateness. Discuss Alternative Medical Systems, Mind-Body Interventions, Biologically Based Therapies, Manipulative and Body-Based Methods, and Energy therapies.

NUR 4185 An Interdisciplinary Perspective in HIV Disease 4A MW/LW (3) NU NUR
Provides an interdisciplinary perspective on HIV disease. Topics include the etiology, spectrum, and treatment of HIV disease; international health issues; issues of race, gender, and sexuality; values, ethics, and their influences on responses to HIV; and how the media has shaped the epidemic.

NUR 4216 Medical Surgical Nursing I (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, Neurological systems, Musculoskeletal systems, Gastrointestinal systems, and Reproductive systems.

NUR 4216L Medical Surgical Nursing Clinical I (5) NU NUR

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. Selected topics.

NUR 4455 Women’s Health Nursing (2) NU NUR
PR: NUR 4216, NUR 4216L. CR: NUR 4635L, NUR 4636, NUR 4355. Focus on health promotion, identification of risk factors, illness care, and health restoration related to the physiological and psychological changes occurring during a woman’s life cycle including pregnancy.

NUR 4635L Integrated Nursing Clinical: Community/Public Health, Children and Adolescent Health, and Women’s Health (7) NU NUR
PR: NUR 4216, NUR 4216L. CR: NUR 4455, NUR 4636, NUR 4355. Provides clinical learning experiences in diverse community and hospital settings. Focuses on nursing care designed to prevent and/or reduce risk of disease and injury, promote health and wellness, and treat illness and injury in children, adolescents, adults and families, and diverse community populations across the age spectrum.

NUR 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 community level. Extensive classroom and clinical experience in aseptic technique and considerations for various types of surgical procedures are included.

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 4655 Cultural Diversity in Health and Issues MW (3) 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 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 4905C Independent Study (1-5) NU NUR
PR: Permission of faculty. Open to majors and non-majors. Individual or group investigation of problems relevant to the health of individuals or groups. Project requirements individually planned with faculty preceptor.

NUR 4930 Registered Nurse First Assistant Course (3) NU NUR
PR: NUR 4216, NUR 4216L, NUR 4455, NUR 4636, NUR 4636L. Individual or group investigation of problems relevant to the health of individuals or groups. Project requirements individually planned with faculty preceptor.

NUR 4935 Selected Topics In Nursing (1-5) 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 4455, NUR 4455, NUR 4636, NUR 4636L. Individual or group investigation of problems relevant to the health of individuals or groups. Project requirements individually planned with faculty preceptor.

OCE 2001 Introduction to Oceanography NS (3) MS MSC
Overview of biological, chemical, geological, and physical oceanography.

OCE 4930 Selected Topics in Marine Science (1-4) MS MSC
Selected topics in marine science 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 written materials.

ORI 3950 Communication As Performance Laboratory (1-3) AS SPE
PR: SPC 2600 AND COM 2000 AND ORI 2000, each with a grade of C or above, or CI. The study, rehearsal, and performance of plays and poetry and communication of that appreciation to audience. Study of poetic theory and prosodic techniques.

ORI 4120 Performance of Poetry (3) AS SPE
PR: SPC 2600 AND COM 2000 AND ORI 2000, each with a grade of C or above, or CI. The study, rehearsal, and performance of poetry and communication of that appreciation to audience. Study of poetic theory and prosodic techniques.

ORI 4310 Group Performance of Literature (3) AS SPE
PR: SPC 2600 AND COM 2000 AND ORI 2000, each with a grade of C or above, or CI. Designed to introduce the student to and give experience in various forms of group approaches to performance.

ORI 4351 Performance and Video (3) AS SPE
PR: ORI 1500. CR: CI. ORI 4500. This course features adaptation, direction, and performance of literature for video productions.

ORI 5930 Topics in Performance Genres (3) AS SPE
Variable topics course.
PAD 4144 Nonprofit Organizations and Public Policy 6A MW (3) AS PAD
Role and importance of third sector (voluntary) organizations in American society; focus on public policy through service in a voluntary organization.

PAD 4204 Public Financial Administration (3) AS PAD
Analysis of problems in the growth and development of public budgetary theory and Federal budgetary innovations.

PAD 4419 Personnel & Supervision in Today’s Organizations (3) AS PAD
Introduces students to concepts, principles and practices of personnel management and supervision that influence the attainment of desired performance goals in today’s public and non-profit organizations. Course participants will explore issues that influence the successful management of human resources in dynamic employment settings.

PAD 5112 Managing Information Resources in the Public Sector (3) AS PAD
Introduces students to the fundamental concepts, theories, principles and practices in public information management. Internet access is required.

PAD 5930 Selected Topics in Public Administration and Public Policy (3) AS PAD
Selected issues and topics in Public Administration and Public Policy with course content based on student demand and instructor’s interest. May be repeated for up to 6 credits as topics vary.

PAD 5535 Issues in Public Administration and Public Policy (3) AS PAD
SR & GS only. Selected issues and topics in Public Administration and Public Policy.

PAD 5044 Environment of Public Administration (3) AS PAD
Examination of the legal, political, and ethical environment in which public managers work.

PAD 5333 Concepts and Issues in Public Planning (3) AS PAD
PR: URP 4050 or URP 6056, GS or Sr. Analysis of basic concepts, issues, and strategies of planning, policy determination, collection of information, and decision-making.

PAD 5605 Administrative Law and Regulation (3) AS PAD
An examination of the constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. An examination of the Constitutional and statutory base and limitations of the administrative process, administrative adjudication, rule-making, and the judicial review of such actions. Attention is also directed to regulatory commissions, their functions, powers, management and relationship with other branches of government.

PAD 5609 Research in Public Administration (3) AS PAD
PR: MPA, GCMP, and GCNM majors only. Research design; skills in public agencies. Must be prepared to demonstrate proficiency in EXCEL, Access, and other relevant software programs.

PAD 5807 Urban and Local Government Administration (3) AS PAD
GS or Sr. Analysis of the role of the administrator at the municipal level, the division of functions, policy formation, alternative governmental structures, effects on the administrative process.

PAD 5836 Comparative Public Administration (3) AS PAD
GS or Sr. How organizations and managers perform within a particular environment, potential impact of innovation, and how service is accomplished in a variety of socio-economic environments.

PCB 1511 Molecular and Human Genetics (3) US DEA
PR: Acceptance in USF-Hillsborough County Biomedical and Life Science Program. Molecular genetics with applications to 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.

PCB 3023 Cell Biology (3) 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: 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 2111, BSC 2111L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023.
An introduction to the basic principles and concepts of ecology and 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 2111, BSC 2111L & CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023.
CP: CHM 2210. Introduction to genetics including the fundamental concepts of Mendelian, molecular and population genetics. 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 4712 General Physiology (3) AS BIO
PR: BSC 2010, BSC 2010L, BSC 2111L and CHM 2045, CHM 2046 & MAC 1105 or higher-level MAC course or STA 2023.
CP: 4712L. 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
CP: PCB 3713. Laboratory portion of General Physiology.

PCB 4234 Principles of Immunology (3) AS BIO
CP: PCB 3023 or PCB 3063 or MCB 30206C and PCB 2210 and MAC 1105 or higher-level MAC course or STA 2023.
CP: PCB 3023 or PCB 3043 or PCB 3063 or MAC 2111 and CHM 2211.
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 4522C Experimental Genetics (3) AS BIO
Study of biological basis of heredity. Principles and methods of experiment. Lecture and laboratory.

PCB 4674 Organic Evolution (3) AS BIO
PR: PCB 3063. An introduction to modern evolutionary theory. Lecture on population genetics, adaptations, speciation theory, phylogeny, human evolution and related areas. Lec.-disc.

PCB 4723 Animal Physiology (3) AS BIO
CP: PCB 3712L & 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 organismic homeostasis.

PCB 4723L Animal Physiology Laboratory (1) AS BIO
CR: 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 neuroanatomy, neuropharmacology, and neurophysiology. Topics include brain imaging, dementia, mechanisms of learning/memory, and neuropathological processes. Lecture only.

PCB 5256 Developmental Biology (3) AS BIO
CP: PCB 3023, PCB 3063 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and CI.
CP: CHM 2211. Study of the mammalian brain’s structure and function, with an emphasis on human neuroanatomy, neuropharmacology, and neurophysiology. Topics include brain imaging, dementia, mechanisms of learning/memory, and neuropathological processes. Lecture only.

PCB 5307 Limnology (3) AS BIO
PR: PCB 3043 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023 and PHY 2053. CP: CHM 2211. An introduction to the physical, chemical, and biological nature of fresh-water environments. Lecture only.

PCB 5307L Limnology Laboratory (1) AS BIO
CP: PCB 5307. Laboratory portion of Limnology. Laboratory and field experience in the area of aquatic ecology.

PCB 5415 Behavioral Ecology (3) AS BIO
PR: PCB 3043 and PCB 3063 or PCB 4674 and CHM 2210 and MAC 1105 or higher-level MAC course or STA 2023. CP: CHM 2211. An emphasis on the evolutionary mechanisms that influence...
an organism's behavioral responses to environmental events. The theoretical framework is presented and analyzed. Lecture only.

PCB 5525 Molecular Genetics (3) AS BIO
PR: PCB 3063, CI. Detailed examination of DNA, RNA, and protein synthesis; the effects of mutations on proteins, cellular control; selected aspects of viral, bacterial, and fungal genetics.

PEL 1121 Golf I (2) ED EDJ
S/U only. Introductory experience in the sport of golf. Fundamental skills, information, strategy, and participation.

PEL 1341 Tennis I (2) ED EDJ
S/U only. Introductory experiences in the sport of tennis. Basic skills, playing strategies, lecture, demonstration, and participation.

PEL 2122 Golf II (2) ED EDJ
S/U only. Continuation of PEL 1121. Emphasis on course play and refinement of strokes.

PEL 2342 Tennis II (2) ED EDJ
S/U only. Continuation of PEL 1341L. Refinement of basic skills, supplementary strokes, greater emphasis on tactics and playing strategies.

PEL 2441 Racquetball (2) ED EDJ
S/U only. Development and refinement of the skills and strategies of racquetball with opportunity for competition and tournament play.

PEM 2131 Weight Training (2) ED EDJ
S/U only. Knowledge and techniques necessary for increasing muscle function. Assessment of status and development of a personal program.

PEM 2241 Karate (2) ED EDJ
S/U only. Introductory experiences in the sport of Karate. Fundamental skills, strategy, information, and participation.

PEM 2930 Selected Topics (1-2) ED EDJ
S/U only. DPR. Activities offered are selected to reflect student need and faculty interest.

PEN 1121 Swimming I (2) ED EDJ
S/U only. Development and refinement of the essential skills and information necessary for enjoying swimming. Emphasis on personal safety.

PEN 2113 Lifeguard Training (2) ED 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.

PEN 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 and 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 of 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 on 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 (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 3384 Exercise Testing and Prescription (3) ED EDP
PR: Admission to the Exercise Science Program. In this course students 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 other parameters of 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 gait.

PET 3621C Athletic Training Techniques (3) ED EDP
Athletic Training majors only. Overview course including basic components of the athletic training profession including the preparation, recognition, 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
PR: PET 3351. Techniques in conducting health-fitness test and exercise prescription for adults. Includes cardiovascular strength, flexibility, body composition, health risk testing, exercise prescribing, 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 4410 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. 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 4433 Instructional Design and Content: Physical Education Elementary II (3) ED EDP

Physical Education majors only. This course prepares students to select, plan, conduct complex movement experiences for students K-6.

PET 4442 Instructional Design and Content: Physical Education Secondary (3) ED EDP

Physical Education majors only. Development of knowledge and skills related to the teaching of selected movement activities such as team sports, gymnastics, and physical fitness. Focus is on understanding mechanical principles utilized within those activities as well as 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 programming. 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. Advanced theory of pathology in injury, management of tissue and bone healing environments, disease, internal illness and injury and other general medical conditions. Issues related to radiology and pharmacology are also discussed.

PET 4632C Therapeutic Modalities (3) ED EDP

Athletic Training majors only. This course provides an introduction to the theoretical and practical applications of modalities for the prevention, management, and rehabilitation of physically active individuals. Concepts pertaining to the use of pharmacology, thermotherapy, cryotherapy, electrical stimulation, hydrotherapy, fluidotherapy, ultrasound, biofeedback and manual techniques will be emphasized.

PET 4633C Therapeutic Rehabilitation (3) ED EDP

Athletic Training majors only. Theories and applications methods of comprehensive therapeutic treatment and rehabilitation.
programs for injuries commonly sustained by the physically

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 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 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 unifying 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 final 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 appropriate content and instructional 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
S/U only. Physical Education majors only. A full-day internship in middle, junior or senior high school physical education programs with focus on the implementation of appropriate content and methodology to meet the needs of secondary students.

PGY 2110C Color Photography (3) VP ART
Development of knowledge and skills of color photography for publication and presentation. Emphasis is on the use of traditional camera and digital camera techniques in the application to the media.

PGY 2401C Beginning Photography (3) VP ART
Introduction to the expressive possibilities of photographic media. Projects and assignments will introduce students to both traditional and 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 theoretical and historical developments in contemporary art photography.

PGY 3001 Photography in American Culture (3) AS AMS
A survey of photography as an art and a craft in America since the mid-nineteenth century. Attention devoted to technological innovations, leading personalities, major movements, and memorable icons. Open to majors and non-majors.

PGY 3410C Intermediate Photography (3) VP ART
PR: ART 2201C, ART 2202C, 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 photographic creation 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 5425C Art Photography III (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-casual 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.

PHH 2000 Introduction to Philosophy 6A HP (3) AS PHI
An introduction to selected philosophical problems and traditions.

PHH 3062 History of Western Philosophy: Ancient Philosophy (3) AS PHI
A survey of Western philosophy from the Pre-Socratics to Late Antiquity.

PHH 3400 History of Philosophy: Modern (3) AS PHI
A survey of Western philosophy from the end of the Middle Ages to the nineteenth 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 and directions in ordinary thinking and the sciences.

PHI 1401 Science and Society 6A NS 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 of science. Required of all students, open to non-majors.

PHI 1600 Introduction to Ethics HP SS (3) AS PHI
A study of ethical theories, concepts, problems and methods.

PHI 2011 Logic and Introduction to Philosophical Argument (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 racism, sex, sexism, 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
The 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/sexistism, etc.

PHI 3640 Environmental Ethics SS (3) AS PHI
A study of alternative theories of environmental ethics, including the application of these theories to contemporary environmental problems, such as pollution, resource depletion, species extinction, and land use.

PHI 3700 Philosophy of Religion 6A SS (3) AS PHI
Analysis of religious experience and activity and examination of principal religious ideas in light of modern philosophy.

PHI 3905 Directed Study (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 3930 Selected Topics (1-4) AS PHI
PR: CI. Selected topics according to the needs of the student.

PHI 4073 African Political Philosophy 6A SS (3) AS PHI
A descriptive and analytical study of African philosophical thought, featuring reflective comparisons of African and Western categories of thought.

PHI 4300 Theory of Knowledge 6A MW (3) AS PHI
An examination of human knowledge: its scope and limits, and an evaluation of evidence, criteria of truth, the nature of belief, conditions for meaningfulness, theories of perception, and a study of memory and sense perception in the four major fields of nature, history, personal experience, and the a priori.

PHI 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 study of contemporary ethical theories, 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 creative process, the nature of the art work, the aesthetic response, expressiveness, form and content, as well as art and morality.

PHI 4905 Directed Study (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual study directed by a faculty member.

PHI 4930 Selected Topics (1-3) AS PHI
PR: CI. Approval slip from instructor required. Selected topics according to the needs of the senior students.

PHI 4938 Philosophy of Capstone Seminar (3) AS PHI
PR: Junior or senior standing; declared philosophy major. Exit course for philosophy majors. Topics will vary at instructor’s discretion, but are expected to span conventional boundaries between the branches of philosophical inquiry.

PHI 5135 Symbolic Logic (3) AS PHI
PR: PHI 2100 or CI. Study of topics such as the following: Metatheory of propositional and predicate logic, related methods of proof, 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 functional theories of language with special attention given to the problems of meaning, linguistic reference, syntactical form, and the relations between scientific languages and ordinary linguistic usage. Seminar format.

PHI 5913 Research (1-4) AS PHI
PR: CI. Approval slip from instructor required. Individual research supervised by a faculty member.

PHI 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: Bachelor’s degree in Philosophy or consent of instructor.

PHM 4331 Modern Political Philosophy 6A MW (3) AS PHI
A survey of political philosophy from 1800 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 4386 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 4500 Plato 6A MW (3) AS PHI
The examination of Plato will include the dialogues Protagoras, Georgias, Meno, Republic.

PHP 4501 Aristotle 6A MW (3) AS PHI
A careful study of the metaphysics and epistemologies of Aristotle.

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.

PHP 4745 The Empiricists 6A AS PHI
A careful study of the metaphysics and epistemologies of Locke, Berkeley, Hume, and Thomas Reid.

PHP 4784 Analytical Philosophy 6A AS PHI
A study of the method devoted to clarifying philosophical problems through analysis of the language in which these problems are stated.

PHP 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 (1) PHM
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 clinical, ethical, and professional responsibility and accountability of the physical therapist. Learners will further develop their abilities to make legal and ethical decisions. The class will examine state laws governing the practice of physical therapy and other health care services. Restricted to majors.

PHT 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, learning and development. Restricted to majors. Repeatable for 2 cr.

PHT 5185 Movement Science II (3) ME PHT
Principles of movement science with emphasis on biomechanics, kinesiology and functional anatomy, exercise physiology, histopathology, motor control and connective tissue properties. Restricted to majors. Repeatable for 3 cr.

PHT 5271 Patient/Client Management I ME PHT
Foundational principles of history, pathology, histophatology, applied biomechanics, pharmacology and medical care 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, and diagnosis for clients with uncomplicated musculoskeletal impairments involving the extremities. Emphasis on obtaining a history and performing physical therapy tests and measures leading to a differential diagnosis by application of principles of movement. Restricted to majors.

PHT 5276C Physical Therapy Science II (4) ME PHT
Introduction to physical therapy skills in examination, evaluation, diagnosis of and intervention for clients with activity limitations associated with cardiovascular, hematological, 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, 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 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 diagnostics, pharmacological principles, and common orthopedic surgical 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 5822 Clinical Education I (3) ME PHT
Focus on clinical experience for the development of patient care skills. The course is graded Satisfactory/Unsatisfactory. Restricted to majors.

PHT 5906 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
Exploration of physical therapy practice issues. Topics may vary including their significance to physical therapy and endocrine related movement disorders complemented by direct patient care learning. 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 2048 General Physics I 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 2048L General Physics I Laboratory (1) AS PHY
PHY 2053L and PHY 2049L courses. First semester of non-calculus-based general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.

PHY 2048L General Physics II Laboratory (1) AS PHY
PHY 2053L and PHY 2049L courses. Second semester of non-calculus-based general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity, and magnetism) for physics majors and engineering students.

PHY 2049L General Physics II NS (3) AS PHY
PHY 2053L 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
PHY 2053L and PHY 2049L courses. First semester of a two semester sequence of non-calculus-based general physics (mechanics, heat, wave motion, sound, electricity, magnetism, optics, modern physics) for science students.

PHY 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 PHY2049L courses. First semester of general physics and laboratory for physics majors and engineering students.

PHY 2054 General Physics II NS (3) AS PHY
PHY 2054L and PHY 2049L courses. Second semester of general physics and laboratory for physics majors and engineering students.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>College</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3101</td>
<td>Modern Physics</td>
<td>3</td>
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<td>Electricity and Magnetism</td>
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<td>Introduction to Quantum Mechanics</td>
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<td>Introduction to Electronics and Test Instrumentation</td>
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<td>Independent Study</td>
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<td>Undergraduate Research</td>
<td>1-4</td>
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<td>Undergraduate Seminar</td>
<td>1-4</td>
<td>PHY</td>
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</tr>
<tr>
<td>PHY 4936</td>
<td>Selected Topics in Physics</td>
<td>1-4</td>
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<td>AS PHY</td>
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<tr>
<td>PHY 5720C</td>
<td>Electronics for Research</td>
<td>3</td>
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<td>Beginning Polish I</td>
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<td>AS PHY</td>
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<td>3</td>
<td>PHZ</td>
<td>AS PHY</td>
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Notes:
- AS PHY: Applied Science, Physics
- AS WLE: Applied Science, Writing
- S/U: Satisfactory/Unsatisfactory grading available.
- PHY: Physics
- POL: Polish
- PHZ: Physics
- MAC: Mathematics
- CI: Corequisite
USF Course Descriptions 393

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 Portuguese I (4) AS WLE
CR: POR 1120. Development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 1120L Beginning Portuguese 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 Portuguese II (4) AS WLE
CR: POR 1120 or equivalent. CR: POR 1121L. Continued development of basic skills in listening and reading comprehension, speaking and writing of Brazilian Portuguese.

POR 2201 Intermediate Portuguese II (3) AS WLE
For language students who intend to attain basic proficiency.

POR 2220 Intermediate Portuguese I (3) AS WLE
CR: POR 2220. 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 3173 Southern Politics (3) AS POL
Examines changes in electoral politics in the South, and the role of interest groups and the state and federal government in facilitating change.

POS 3182 Florida Politics and Government (3) AS POL
A study of Florida political culture, political parties and elections, the legislative, executive, and judicial systems, and policy patterns.

POS 3212 Judicial Process and Politics (3) AS POL
The organization, development, and functioning of American court systems and the causes and consequences of judicial behavior from an empirical perspective.

POS 3453 Political Parties and Interest Groups (3) AS POL
Analysis and understanding of role, functions, structure, and composition of such, and their impact on American governmental institutions.

POS 3691 Introduction to Law and Politics (3) AS POL
Nature of law, legal process, relationship to political life of constitutional law, administrative law, the judicial process, and private law.

POS 3697 Environmental Law (3) AS POL
Examines some of the major issues involving environmental law. Specially, the course provides a survey and analysis of statutes, both state and federal, regulating water, air, soil pollution, and resources, 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, scholarly commentaries, 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 4693 Women and Law I (3) AS WST
Introduction to issues concerning the legal aspects of sex and sex-based discrimination as embodied in statutory and case law, focusing on constitutional and family law and reproductive freedom issues.

POS 4694 Women and Law II 6A MW (3) AS WST
PR: POS 4693 or CI. Legal position of women in American society and remediable to challenges current laws and practices, with specific emphasis on employment and education issues as they relate to both women and men.

POS 4905 Independent Study (1-3) AS POL
PR: 3.0 average in Political Science and CI. S/U only. Specialized study determined by the student's needs and interests.

POS 4910 Individual Research (1-3) AS POL
PR: 3.0 average in Political Science and CI. Investigation of some aspect of political science culminating in the preparation of an original research paper.

POS 4936 Senior Seminar (3) AS POL
PR: Senior standing and CI. An opportunity to work with others in a seminar format, exploring specialized topics.

POS 4941 Field Work (3-15) AS POL
PR: 3.0 average in Political Science and CI. Opportunity for students to obtain practical experience as aides to agencies of government and political parties.

POS 4970 Honor Thesis (3) AS POL
PR: Admission to Honor option. Writing of honor thesis under direction of faculty member.

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 5159 Urban Policy Analysis (3) AS PAD
Application of policy framework for urban government & policies. Examine forms of government and how policies such as economic development, law enforcement, community policing, neighborhood policies (with non-profit groups) can be analyzed.

POT 3003 Introduction to Political Theory (3) AS POL
Examines various kinds of theory used in political science for understanding political life: normative theory, empirical theory, historicism theory, analytical theory, and critical theory.

POT 3013 Classical Political Theory (3) AS POL
Analysis of basic ideas of Plato, Aristotle, Cicero, St. Thomas, and other leading pre-modern political philosophers.

POT 4054 Modern Political Theory (3) AS POL
Analysis of basic political ideas of Machiavelli, Hobbes, Locke, Rousseau, Burke, and 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.
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Advanced seminar in the effective and ethical application of behavioral analysis to human problems. Includes theoretical and conceptual issues; assessment and treatment procedures; legal, ethical and socio-cultural issues.

Examines the formation and implementation of public policy in areas such as the economy, health, etc.

Examines the politics of environmental issues, formation and implementation of environmental policy.

An analysis of the impact of gender on power and influence in American society, and women’s changing role in the political process.

The study of health care policy as it relates to the policy process in the American setting.

The underlying theory and professional practice of public relations within corporate and institutional structures and its vital role in society; ethical standards of practice, and relationships of the practice to the public media; public relations problem-solving process.

Examines the theory and practice of quantitative and qualitative research methods as applicable to the study of public relations and public relations campaigns. Emphasis is on the skills of research methods available to public relations practitioners, evaluation of data and report writing.

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.

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 specialization and various 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.

Senior standing and CI. For public relations sequence majors. S/U. Practical experience outside the classroom where the student works for academic credit under the supervisor of a professional practitioner. Periodic written and oral reports to the faculty member coordinating the study.

Advanced public relations techniques used in professional practice. Analysis of case studies and preparation of complete Public Relations program. Extensive reading in the literature of the field.

The course is designed to act as a “bridge” between undergraduate and graduate public relations and advertising education, and between professional communication practices and strategic communication scholarship.

Introduction to probability; binomial and normal distributions; sampling distributions; estimation with confidence intervals; tests of hypotheses; control charts for quality improvement.
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 Issues in Alcoholism and Other Addictions (3) AS REH

RCS 4931 Selected Topics in Counseling Professions (3) AS REH
Provides an overview of counseling professions including current issues, standards of practice, and future trends. Will cover legal and ethical and professional issues.

RCS 5035 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 programs.

RCS 5450 Substance Abuse I (3) AS REH

RCS 5780 Legal, Ethical, 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 1206 Advanced Reading (3) US REA
This course focuses on a broad array of reading strategies to help students enhance comprehension skills as well as develop the fundamentals of critical analysis through the application of a strategic-reflective reading model.

REA 1305 Reading Lab (1) US REA
The focus is on the development of a systematic approach for increasing reading comprehension, rate, and vocabulary as well as adjusting rate and technique to adapt to a variety of materials and purposes. Open to all students; repeatable up to 3 credits.

REA 1605 Advanced Learning System (2) US REA
To explore the most recent advances in learning theory systems and then learn to apply that knowledge to understanding individual learning preferences, analyzing task demands, and intentionally selecting effective strategies for each learning challenge.

REA 2105 Critical Reading and Writing 6A (3) US REA
This course helps students develop the fundamentals of reflective and critical reading and on effective analytical writing utilizing multiple sources from various disciplines. The course meets the criteria for Gordon Rule writing requirements.

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 Strategic Learning (1) US REA
For students in academic difficulty, this course introduces students to advanced learning system used to understand individual learning preferences, analyze task demands, and then intentionally select effective strategies for each learning challenge.

REA 2630 Selected Topics (1-4) US REA
Topics will vary to meet the needs of students. Will not be counted toward the English major.

RED 4310 Reading and Learning to Read (3) ED EDE
PR: Admission to College of Education. This course will prepare pre-service teachers to understand the foundations of reading and the inherent learning principles to produce successful readers. The course focuses on appropriate instructional strategies to enhance reading development and reading across the curriculum.

RED 4511 Linking Literacy Assessment to Instruction (3) ED EDR
PR: RED 4310. This course will prepare pre-service teachers to use multiple assessment measures to assess and diagnose students’ strengths and needs in literacy learning. Based on individual student profiles, teachers will design instruction to enhance literacy development.

REE 3043 Real Estate Decision Making (3) BA FIN
PR: FIN 3403. Acquaints students with the range of knowledge required to engage in real estate decision-making in the United States. Integrates theoretical framework with which decisions are made, the elements of financial analysis, deal structuring and marketing, and the pricing, financing, and allocation of real property in the real estate market.

REE 4300 Recent Real Estate Development (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 understanding of the world’s major religions. Students are exposed to myths, rituals, history, primary beliefs, leaders, and other information germane to understanding each religion. Open to majors and non-majors.

REL 2300 Contemporary Aspects of Religions and Social Values (4)
This course will explore the unity and diversity of religious traditions in our contemporary global context in order to understand the mutual interactions between religions and cultures. Emphasis will be placed on the role of religions in shaping human values which can either create or resolve social conflicts, and the impact these values can have on issues of race, ethnicity and religious diversity in a multicultural world.

REL 3000 Ancient Religions in Context (4) AS REL
Study of the religions in their cultural setting of the peoples of the Ancient Middle East and Mediterranean.

REL 3003 Introduction to Religious Studies (4) AS REL
Introduces students to the academic study of religion through an exploration of issues and questions related to the character and function of religions in contemporary America. Open to majors and non-majors.

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 on effective analytical writing utilizing multiple sources from various disciplines. The course meets the criteria for Gordon Rule writing requirements.

REL 3116 Religion and Contemporary American Holidays HP SS (3) AS REL
This course examines the phenomenon of religion to answer the question: Religion, what is it? Religious thought (mythology and theology) and religious behavior (ritual and morality) are closely examined from a variety of methodological perspectives.

REL 3117 Religion and Contemporary American Sports HP SS (3) AS REL
This course examines the phenomenon of religion to answer the question: Religion, what is it? Religious thought (mythology and theology) and religious behavior (ritual and morality) are closely examined from a variety of methodological perspectives.

REL 3118 Religion and Contemporary American Sports HP SS (3) AS REL
This course examines the phenomenon of religion to answer the question: Religion, what is it? Religious thought (mythology and theology) and religious behavior (ritual and morality) are closely examined from a variety of methodological perspectives.

REL 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 3318 Introduction to Chinese Religion (3) AS REL
A survey designed to allow the student to survey the whole
spectrum of contemporary Chinese sects and cults in China and
learn what motivates their development.

REL 3132 Witchcraft and Paganism in America (3) AS REL
A study of pre-modern witchcraft and paganism, including
myths, history, rituals and symbols, beliefs, and
organizations.

REL 3140 Religion, Culture, and Society (3) AS REL
Introductory course in the study of religion in its complex relationship
culture and society, including definitions and theories of
religion, research methods, comparing religions, social
organization, and interconnections with other social institutions.

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 feminist
theology, and the controversies surrounding them.

REL 3146 Womansan Vision in Religion MW (3) AS REL
This course examines the works of Black Womanist writers in
religion for the 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)
An analysis of contemporary religious 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 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 historical, geographical, political, social
and religious history and material culture of the biblical period. Special attention will also be
given to excavation methods and interpretation of archaeological evidence.

REL 3303 Comparative Religion: Judaism and Islam MW (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 3317 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 to modernity. Special attention is given to myths, rituals, history, beliefs, leaders and
trends to understanding religious movements.

REL 3318 Introduction to Chinese Religion AF HP 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 “Indianess” which stems from Hinduism, Buddhism,
Jainism and Sikhism, but extended itself to include Judaism,
Christianity, Islam, Zoroastrianism and Bahai. Readings from
classical texts and modern literature.

REL 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 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 is a comparative study of major spiritual and cultural issues in
Caribbean religions mainly in Cuba, Haiti, Jamaica, and Trinidad,
with emphasis on African-derived religions and Western and
Eastern religious encounters.

REL 3380 Native American Religions (3) AS REL
A study 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
Examination of the central ideas of recent religious thinkers:
such as Gandhi, Martin Luther King, Jr., Elie Wiesel, Thich Nhat
Hanh, 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
An examination of Jewish religious texts, their doctrines, and ethics.

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 3936 Directed Readings (1-4) AS REL
PR: CI. Individual guidance in concentrated reading on a
selected topic.

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
religion. Includes the study of history, myths and symbols, texts,
beliefs, rituals and practices, believers, recruitment, socialization,
and organizations.

REL 4161 Religion, Technology and Society (3) AS REL
An exploration of the way in which religion and technology have
interacted in Western civilization so as to both express and
transform human values and identity. Special emphasis will be
given to the values questions raised by modern technology.

REL 4171 Contemporary Christian Ethics 6A MW (4) AS REL
PR: Jr. standing or CI. A survey of contemporary ethical issues
in the 20th century church, with an emphasis on issues of race and gender and of
violence and non-violence.

REL 4177 Comparative Religious Ethics 6A MW LW (4) AS REL
A course designed to allow the student to survey the wide
spectrum of contemporary religious ethics 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 of Acts, and to second and explain the 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 its temples; the psychology and physiology of yoga; the social rigidity of the caste system; the esoteric science of meditation; the ascetic activism of Mahatma Gandhi—all of these are Hinduism, and more. Close readings of classical texts, philosophic systems and medieval poems.

REL 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; schisms; the rise of the Great Vehicle and the philosophy of emptiness; Buddhist missions; Buddhist art and culture; Buddhism and national liberation; contemporary social and political issues.

REL 4344 Buddhism in China, Japan, and Tibet (4) AS REL
Mahayana Buddhism followed the silk routes to China and Japan, and later it crossed the Himalayas into Tibet. An overview of the variety of schools and practices of Buddhism and its adaptation by these ancient cultures.

REL 4626 Reason in Religion: Talmudic Logic MW (3) AS REL
Analyzes the modes of thought and of logical analysis of the Talmud of Babylonia; the way in which applied logic and practical reason work in a religious definition of the social order; the dialectical argument.

REL 4670 Judaism and Christianity After the Holocaust 6A MW LW (4) AS REL
This course will explore the impact of the Holocaust on Jewish and Christian thought and identity in the light of the history of religious and cultural anti-Semitism in Western civilization.

REL 4910 Undergraduate Research (1-4) AS REL
PR: Junior standing and CI. Individual investigations with faculty supervision.

REL 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 content depends 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: QMB 3200, 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. Considers the underwriting, marketing, and social problems associated with these coverages. Topics include commercial and residential fire insurance, inland marine and transportation coverages, and multiperil 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. Considers the underwriting, marketing, and social problems associated with these coverages. Topics include workmen’s compensation, public liability, auto liability, suretyship, and crime insurances. Not limited to Finance majors.

RTV 2100 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 videos.

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.

RTV 4220 TV Production and Direction (3) AS COM
PR: RTV 3001 and RTV 3301. A basic course in the techniques of producing and directing TV programs. Restricted to majors only.

RTV 4304 TV News (3) AS COM
PR: RTV 4320. Advanced television reporting, integrating broadcast news writing, ENG production and television performance.

RTV 4320 Electronic Field Production (3) AS COM
PR: RTV 3001 and RTV 3301. Advanced producing, scripting, lighting, camera, and editing for video and news production. Introduction to computer editing and graphics.

RTV 4500 Telecommunications Programming and Management (3) AS COM
PR: RTV 3001. Program and management concepts, resources, costs, selection, and scheduling. Analysis of programming and management in terms of structures, appeals and strengths.

RTV 4942 TV Practicum (1) AS COM
PR: RTV 4220 and CI. For telecommunications sequence majors. S/U only. Practical experience outside the classroom where the
Techniques and materials for teaching science in the elementary classroom. Emphasis on the development of basic skills in comprehension, speaking, and reading.

RUS 1120 Beginning Russian I (4) AS WLE
CR: RUS 1120L. The first course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking, and reading.

RUS 1120L Beginning Russian I Laboratory (1) AS WLE
CR: RUS 1120. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

RUS 1121 Beginning Russian II (4) AS WLE
PR: RUS 1120 or CR: RUS 1121L. The second course in the study of elementary Russian. Emphasis on the development of basic skills in comprehension, speaking, and reading.

RUS 1121L Beginning Russian II Laboratory (1) AS WLE
CR: RUS 1121. Concurrent enrollment with a lecture session is required, and, if dropped, then dropped simultaneously. S/U only. A laboratory designed to offer additional practice using various instructional technologies and media.

RUS 2220 Russian III (4) AS WLE
PR: First year Russian or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2221 Russian IV (4) AS WLE
PR: RUS 2220 or equivalent. Review and development of basic skills in conversation, composition, and reading.

RUS 2270 Overseas Study (1-6) AS WLE
Intensive study of the Russian language in Russia involving at least 20 hours per week of classroom instruction and cultural excursions conducted in Russian around Moscow and other parts of Russia.

RUS 3240 Conversation I (4) AS WLE
PR: Second year Russian or equivalent. Development of basic conversational skills.

RUS 3470 Overseas Study (1-6) AS WLE
Must be enrolled in the USF Summer Study in Moscow program. Two years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 3500 Russian Civilization 6A MW (3) AS WLE
A survey of the cultural history of Russia.

RUS 4241 Conversation II (4) AS WLE
PR: Previous course in series or equivalent. Development of conversational skills.

RUS 4402 Advanced Russian Conversation & Composition I (4) AS WLE
PR: RUS 4241 or Cl. Third year Russian.

RUS 4403 Advanced Russian Conversation & Composition II (4) AS WLE
PR: RUS 4241 or Cl. Third year Russian.

RUS 4471 Advanced Overseas Study (1-6) AS WLE
Must be enrolled in the USF Summer Study in Moscow program. Three years Russian required. Intensive Russian at Moscow Linguistic University with excursions in Moscow and Russia. Students from other institutions eligible.

RUS 4900 Selected Topics (1-3) AS WLE
Study of an author, movement or theme.

RUS 4905 Directed Study (1-3) AS WLE
Departmental approval required.

RUT 3110 Russian Classics in English 6A MW LW (3) AS WLE
Masterpieces of 19th century Russian literature in English, the major works of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov. Elective for all students in all departments.

RUT 3111 Twentieth-Century Russian Literature in English 6A MW LW (3) AS WLE
Masterpieces of 20th century Soviet literature in English, the major works of Tolstoy, Olesha, Pasternak, and Solzhenitsyn. Elective for all students in all departments.

SCE 4305 Communication Skills in the Science Classroom (3) ED EDN
PR: Admission to College of Education and completion of General Distribution Requirements in the Natural Science area. Techniques and materials for teaching science in the elementary school.

SCE 4310 Teaching Elementary School Science (3) ED EDE
PR: Completion of 25 semester hours of Science or CC. Not designed for high school certification purposes. Survey techniques and materials unique to science, grades 5-9.

SCE 4330 Teaching Methods in the Secondary School-Sciences (3) ED EDE
PR: Completion of 26 hours in approved science areas, EDG 4620 or CP, and CC. Techniques and materials of instruction in secondary science schools.

SCE 4862 Science, Technology, Society Interaction 6A MW (4) ED EDE
Achieve an historical and philosophical understanding of (1) the nature of the scientific enterprise: interaction of science, technology, and society (STS), (2) how to teach STS including the use of computers and related technologies, and (3) intricacies of sample STS topics.

SCE 4936 Senior Seminar in Science Education (1-3) ED EDE
PR: Senior standing; CR: SCE 4940. Synthesis of teacher candidate's courses in complete college program.

SCE 4940 Internship: Science Education (1-12) ED EDE
CR: SCE 4936. One full semester of internship in a public or private school.

SCE 5564 Reading and Communication in Science Education (3) ED EDE
The course prepares secondary science teachers to teach literacy practices in science. It includes methods for selecting appropriate reading and language approaches. Communication in science and functional aspects of scientific literacy are examined.

SCE 5937 Selected Topics in Science Education (1-4) ED EDE
Must be enrolled in the USF Summer Study in Moscow program.

SLS 1101 The University Experience (2) US DEA
PR: Freshman only. An extended introduction to USF. Topics include purposes of higher education, structure and function of USF, career planning, selecting a major, study skills, managing time, academic advising, computer resources, and decision-making.

SLS 2260 Leadership Fundamentals (3) US STL
Covers a broad range of leadership topics from self-development and understanding of self, to group behavior, organizational design, ethics and teamwork. The potential of every individual to develop effective leadership skills is examined.

SLS 2401 Career Development Process (2) US DEA
Students will study vocational choice theories and participate in career decision processes. Development of self-awareness and knowledge of career opportunities and requirements necessary for decision making. Available to lower level majors or non-majors.

SLS 3930 Selected Topics in Student Leadership (1-4) US STL
Course content will depend upon the interest of the faculty member and student demand.

SLS 3948 Community Leadership Practicum (3) US STL
PR: SLS 2260. This course involves the transfer of leadership theories into practice. It provides a practical forum for students to examine and develop personal leadership skills.

SLS 4271 Organizational Theories and Processes (3) US STL
PR: SLS 2260 and SLS 4272. Participants will delve into the nature of organizational dynamics, they will utilize concepts, generalizations, theories, and frames of reference to analyze organizations and leadership to understand and improve their function.

SLS 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.

SLS 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 and SLS 4272. Course reviews arguments for ethics in leadership as proposed by both contemporary and ancient leadership theories. It also examines theories of power and authority, and seeks answers to the apparent dilemmas through ethical and moral theory and psychology.

SLS 4276 Images of Leadership in Print 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 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, sexual identity, psychology of reproduction. Emerging roles of women as related to social change and developmental tasks of the life cycle.

SOP 4004 Social Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CR. Survey of methods, empirical findings, and theoretical interpretations in the study of an individual’s behavior as it is affected by others.

SOP 4330 Social Psychology of HIV/AIDS (3) AS PSY
PR: PSY 3217. Students study social psychology theory 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.

SOP 4514 The Holocaust, Social Prejudice, and Morality (3) AS PSY
PR: PSY 2012. Examines the Holocaust from social, psychological, and communication/language perspectives. Reviews root causes of prejudice, the manifestations of hatred in language, relationships, and the ultimate impacts on victims and survivors and rescuers.

SOP 4714C Environmental Psychology (3) AS PSY
PR: PSY 3213 with a grade of C or better or CR. Explores the influences of environment on behavior. Topics considered include crowding, privacy, territorial behavior, environmental design, and pollution effects. Designed for both psychology majors and non-majors.

SOW 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 integrating human behavior-social environment course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with individuals, and families.

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 course emphasizing dynamics of behavior and environmental factors as they relate to social work practice with 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 social development. Explores the American social welfare system, 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.

SOW 4233 Social Welfare: Policy & Program (4) AS SOK
PR: All provisional major courses, SOW 3101, SOW 3401, SOW 4341, SOW 4522, SOW 5102, SOW 4343, CR: SOW 4510, SOW 4510L. Restricted to full Social Work majors, others by School permission. An advanced policy course policy taking an analytical approach to contemporary social welfare policy issues and current social welfare programs.

SOW 4341 Multi-Methods of Social Work Practice I: Micro-System Intervention (5) AS SOK
PR or CR: SOW 3101, SOW 4522. All provisional major courses. Restricted to full Social Work majors; others by School permission. First practice course emphasizing development of skills and interventional methods with individuals, families and small groups. Course includes both didactic and experiential learning and research findings.

SOW 4343 Multi-Methods of Social Work Practice II: Macro-System Intervention (5) AS SOK
PR: All provisional major courses, SOW 3101, SOW 4522, SOW 4341 must be taken as PR. CR: SOW 4341, and SOW 3102. Restricted to full Social Work majors, others by School permission. Second practice course emphasizing intervention at the community and organizational level. Builds upon theoretical and practical content of SOW 4341. Course includes both didactic and experiential learning components.

SOW 4510 Integrative Seminar (3) AS SOK
PR: SOW 3301, SOW 3310, SOW 3401, SOW 4341, SOW 3102, SOW 3433, SOW 4522. CR: SOW 4233, SOW 4510L. Restricted to full Social Work majors in senior year. Integrates content and theory from core classes with practical experiences students are having in field placement.

SOW 4510L Field Placement (6) AS SOK
PR: SOW 3302, SOW 3210, SOW 3101, SOW 4341, SOW 3102, SOW 4522, SOW 4343, CR: SOW 4233, SOW 4510L. 25U only. Supervised field placement in a social welfare organization consisting of 32 hours per week in the field with a total of 480 clock hours per semester.

SOW 4522 Multicultural America (3) AS SOK
PR: All provisional major courses. The course focuses on the students’ understanding of multicultural and intergenerational issues.

SOW 4900 Directed Readings (1-9) AS SOK
PR: Completion of four social work courses including SOW 3401, upper level standing, and School permission. Content dependent upon student interest and ability. A contract will be jointly developed by student and instructor specifying nature of work to be completed.

SOW 4910 Directed Research (1-6) AS SOK
PR: Completion of four social work courses including SOW 3401, upper level standing and school permission. Majors only. Directed Research is intended to provide students with research experience in areas of specific interest in social work. A contract will be developed between student and instructor specifying nature of work to be completed.

SOW 4930 Variable Topics in Social Work (1-3) AS SOK
Restricted to Social Work majors; others by School permission. Variable title courses to expand on the four sequence areas in the Social Work core curriculum. Allows focus on areas relevant to the student’s educational interest.

SOW 5930C Selected Topics in Social Work (1-4) AS SOK
PR: CC. Restricted to Social Work majors, both graduate and undergraduate; other by School permission. Course is taken as an elective. Various title course will selectively expand specific social work content areas.

SPA 2612C Basic American Sign Language (4) AS CSD
PR: DPR. Introduction to American Sign Language (ASL) as 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 2613C Intermediate American Sign Language (4) AS CSD
PR: SPA 2612C, DPR. A continuation of the basic course which expands the student’s signing skills and introduces American Sign Language (ASL) as used in the deaf community. The course expands the student’s signing skills and introduces American Sign Language (ASL) as used in the deaf community. One hour of laboratory course work is included.

SPA 3002 Introduction to Disorders of Speech and Language SS (3) AS CSD
PR: Junior standing and DPR. The scope of speech-language pathology as a profession and a field of study. An introduction to speech and language disorders, etiologies, major treatment approaches, and research findings.

SPA 3004 Introduction to Language Development and Disorders (3) AS CSD
PR: SPA 3002, SPA 3112 or DPR. This course introduces theoretical concepts and research findings concerning the normal developmental process of language learning as a basis for differentiating developmental delay or disorder of language.

SPA 3011 Introduction to Speech Science (3) AS CSD
PR: SPA 3030, SPA 3101 and SPA 3112. Concentrated study of the acoustic, physiological and perceptual aspects of sound as related to normal and pathological speech communication. Introduction to instrumentation and measurement procedures.

SPA 3012 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 3310 Introduction to Disorders of Speech Fluency (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 3633 American Sign 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 transliterating 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 from infancy through young adulthood, including various theories of language development in the deaf and communication/language of the deaf assessment techniques, and interpreting skills relating to learning assessment.

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 and languages, and the implications for interpreters practice.

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 preliminary steps 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 the techniques of rephrasing and restructuring meaning in ASL and in English. For majors only.

SPA 3670 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 students to the variables extent in oral-aural communication among children who have hearing impairment. It addresses techniques and methods of hearing measurement and amplification of sound as well as the interpreter’s role in auditory 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 3030 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 medical and physical 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 origin of stuttering are also presented.

SPA 4355 Sign Language Codes (3) AS CSD
PR: CCR. A review of the sign systems (SEE I, SEE II, L.O.V.E. and Signed English) used to code messages through the use of sign. The student will have the opportunity to practice one of the sign systems.

SPA 4555 Counseling of Communicatively Handicapped and Family (3) AS CSD
PR: SPA 3011 and SPA 3310. Discussion of role of counseling in the treatment of communication disorders. Based on exploration of theoretical constructs, this course demonstrates application of therapeutic methodologies to reduction of communication handicaps.

SPA 4614C Advanced American Sign Language (4) AS CSD
PR: SPA 2613C. An examination of American Sign Language (ASL) at the advanced level. Emphasis on using signed idioms and Signed English used to code messages through the use of sign.

SPA 4617C Structure of Sign Language (4) AS CSD
PR: SPA 2612C and SPA 2613C. This course is a basic introduction to the morphological and syntactic structure of American Sign Language (ASL). This course is a basic introduction to the morphological and syntactic structure 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: CIC. 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 techniques 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 (1) AS CSD
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 3666; CR: SPA 4654. Students consecutively interpret conversational discourse 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 ranging from single utterances to discourse units of several minutes duration. For majors only.

SPA 4656 Simultaneous Interpretation Monologic (4) AS CSD
PR: SPA 3650, SPA 3666. Students simultaneously interpret monologic discourse from ASL and English into 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 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 will allow UG students to work independently under the supervision of a Faculty member. 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 UG 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 5120 Psychoacoustics (3) AS CSD

SPA 5132 Instrumentation (3) AS CSD
PR: SPA 5120, SPA 6930, SPA 5506. Instruction in the use of clinical and laboratory instrumentation. Emphasis placed on electronic circuitry, signal generation, filtering, and calibration. Hands-on experience with equipment typically used in clinical auditory research will be provided.

SPA 5133C Speech Science Instrumentation (3) AS CSD
PR: DPR or SPA 3011 or equivalent. Underlying principles and laboratory exercises in the use of audio recording, acoustic analysis, and clinical instrumentation.

SPA 5153 Quantitative Problem Solving in Speech Pathology and Audiology (2) AS CSD
Fundamentals of statistical and conceptual statistics; meaningful, practical, and interesting presentation. Students get a solid foundation in the mathematical and statistical concepts in CSD and apply them to solve and discuss speech and language problems.

SPA 5204 Advanced Clinical Phonology (3) AS CSD
The principles of generative phonology will be applied to the assessment and treatment of phonological disorders. Emphasis is placed on making a child’s phonology more functional for communication purposes.

SPA 5303 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 psychoacoustic principles as they relate to clinical audiological measurement paradigms.

SPA 5312 Peripheral and Central Auditory Tests (4) AS CSD
PR: DPR. The study of behavioral and electro physiologic clinical tests designed to assess the functions of the peripheral and the central auditory system. Tests that incorporate nonspeech stimuli and those that utilize speech stimuli will be included.

SPA 5328 Sensory Rehabilitation for Adults (3) AS CSD

SPA 5403 Language-Learning in the School-Age Years (3) AS CSD
PR: SPA 4201 and DPR. Metalinguistic and metacognitive development are linked to the instructional demands of classroom and clinical discourse; observational tools are applied to evaluation and intervention planning.

SPA 5506 Speech-Language Pathology and Audiology Practicum (1-8) AS CSD
PR: DPR. Participation in speech-language pathology and audiology practicum in the University Communication Disorders Center and selected field settings.

SPA 5552 Diagnostic Principles and Practices (3) AS CSD
PR: Admission to the graduate program or DPR. The administration, evaluation, and reporting of diagnostic tests and procedures used in assessment of speech and language disorders.

SPC 2541 Persuasion SS (3) AS SPE
Examines the role of persuasion in public and social life. Students will be introduced to key concepts and theories of persuasion from a variety of historical and contemporary perspectives. Students will use these concepts to create, analyze, and respond to persuasive messages.

SPC 2600 Public Speaking SS (3) AS SPE
The nature and basic principles of human communication; emphasis on improving speaking and listening skills common to all forms of oral communication through a variety of experience in public discourse.

SPC 3212 Communication Theory (3) AS SPE
PR: SPC 2600 and COM 2000 each with a C or above or CI. The study of source, message, and receiver variables in human communication; communication settings; descriptive and prescriptive models of communication; communication as a process.

SPC 3320 Rhetorical Theory HP (3) AS SPE
PR: SPC 2600 and COM 2000 each with a C or above or CI. This course surveys the foundations and historical evolution of major rhetorical and speech communication approaches and approaches to the study of rhetoric from Plato to recent contemporary theorists.

SPC 3301 Interpersonal Communication SS (3) AS SPE
A study of interpersonal communication in informally structured settings with emphasis on understanding, description, and analysis of human communication.

SPC 3425 Group Communication 6A (3) AS SPE
PR: SPC 2600 and COM 2000 each with a C or above or CI. A survey of theory and research in group communication. Group discussions and communication exercises to increase awareness of the dynamics of human communication in small group settings.

SPC 3513 Argumentation and Debate (3) AS SPE
PR: Junior standing or CI. Study of principles of argumentation as applied in oral discourse, analysis of evidence and modes of reasoning. Practice in debate preparation and delivery.

SPC 3602 Advanced Public Speaking (3) AS SPE
PR: SPC 2600 and COM 2000 each with a C or above or CI. Study and application of communication strategies in speaking extemporaneously and from manuscript. The course includes study of selected public addresses as aids to increased understanding of speaking skills.

SPC 3631 Rhetoric of the Sixties HP (3) AS SPE
Survey of the rhetorics associated with the civil rights movement, the Great Society, the anti-Vietnam War movement, the counterculture, the black power movement, and the women's movement.

SPC 3653 Popular Forms of Public Communication (3) AS SPE
PR: COM 2000 with C or above or consent of instructor (CI). Analysis of public communication with emphasis on various presentational forms.

SPC 3680 Rhetorical Analysis (3) AS SPE
PR: SPC 2600 and COM 2000 each with a C or above or CI. This course introduces students to fundamentals of message analysis. Student examines persuasive strategies and language in oral and written discourse.

SPC 3710 Communication and Cultural Diversity SS (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 orality, 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.
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motivating teenage youth to acquire 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 4335 Teaching Social Science Themes (3) ED EDI
PR: SSE 4333 for Undergraduate Students; SSE 5331 for Graduate Students. Texts and discussions in Spanish, capstone course in which knowledge, skills, and dispositions are demonstrated by students teaching social studies content using the thematic approaches adopted by the National and State accreditation bodies.

SSE 4380 Global And Multicultural Perspectives in Education MW (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 4840 Communication Skills in the Social Sciences (2) ED EDW
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 4870 Economics USA: Principles of Economics for Teachers (3) ED EDW
S/U only. A television course focusing on content and teaching methodology related to micro/macro economic principles.

SSE 4926 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 EDW
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 EDW
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 EDW
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 EDI
Reading skills and the other basic skills as applied to the social sciences are examined. Students are expected to plan and present instructional plan(s) appropriate to the social studies classroom demonstrating command of the course content. Fieldwork in a middle school is required.

SSE 5664 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 QM (3) AS MTH
PR: C (2.0) or better in MAT 1031, or 440 or better SAT Math score, or 19 or better ACT Math Score, or 72 or better Elementary
STA 4321 Essentials of Statistics 6A (3) AS MTH

STA 4442 Introduction to Probability 6A (3) AS MTH
PR: MAC 2313. Introduction to probability theory using calculus. Basic ideas of probability and random variables, discrete probability functions, continuous probability densities, joint distributions, transformations of random variables, moments and generating functions of random variables, limit theorems.

STA 5166 Statistical Methods I (3) AS MTH
PR: STA 4321 or CI. Statistical analysis of data by means of statistics package programs. Regression, ANOVA, discriminant analysis, and analysis of categorical data. Emphasis is on interrelation between statistical theory, numerical methods, and analysis of data.

STA 5526 Non-Parametric Statistics 3A (3) AS MTH
PR: STA 5326 or CC.Theory and methods of non-parametric statistics, order statistics, tolerance regions, and their applications.

SUR 2101C Engineering Land Surveying (3) EN EGX
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 3000 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 3200 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. Credit not for Sociology majors.

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.
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 experiences in the contemporary United States. Includes the construction and maintenance of religious meanings and communities, the impact of those meanings and communities on daily lives, use and impact of religious discourse in daily lives, social movements motivated by religious beliefs.

SYO 3300 Social Organization (5) AS SOC
PR: SYG 2000 or CI. Social organization in the broadest sense, including institutions and associations, as well as variations in role and status.

SYO 3530 Social Inequalities in a Global Society (3) AS SOC
Introduction to the major concepts and theories used to explain inequality. The topics of race, gender, and sexual orientation will be treated in relation to class, rather than as a parallel dimension of stratification.

SYO 4250 Sociology of Education (3) AS SOC
PR: SYG 2000 Application of sociological theory to the social institution of education. Primary attention directed toward the social organization of educational systems.

SYO 4300 Political Sociology (3) AS SOC
PR: SYG 2000 or CI. An examination of the social factors that affect government, politics, and political behavior.

SYO 4370 Occupations and Professions (3) AS SOC
PR: SYG 2000 or CI. A comparative analysis of professions, particularly medicine, law, teaching, allied health professions, engineering. Focus on the process of professionalizing service occupations, like police work, business management, public administration and social work.

SYO 4400 Medical Sociology (3) AS SOC
PR: SYG 2000 or CI. The study of disease and the sick person including the analysis of health practices, beliefs, and practitioners, the hospital as an organization, the cost, financing, and politics of health care.

SYO 4430 Disability and Society MW (3) AS SOC
PR: SYG 2000 or CI. Examination of the applicability of sociological concepts to the experience of disability, and of disability as a means to a better understanding of the nature of social experience.

SYO 5365 Industrial Sociology (3) AS SOC
PR: SYG 2000 or CI. Applications of sociology to work institutions and multi-cultural. Required of all sociology majors.

SYP 3000 Social Psychology SS (3) AS SOC
An exploration of the social forces that help shape individual perceptions, behaviors, and personality. The study of ways individuals develop identity and self-worth.

SYP 3004 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 service agencies.

SYP 3060 Sociology of Sexualities (3) AS SOC
Explores the interactions, among and between people, and people and institutions that form the boundaries which sexualities are understood in the United States. Addresses interactions with and within medical and religious institutions, racial/ethnic cultures, families and popular culture.

SYP 3562 Family Violence (3) AS SOC
An exploration of the complexity of the causes and consequences of physical and emotional violence among family members. Topics include the meanings and behaviors of violence, the process of help-seeking, and social interventions for offenders and victims. Open to non-majors.

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 loss.

SYP 4111 Ideology 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, and 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 disenchantment, alienation, inequality, and the rise of the credit card society.

SYP 4510 Sociological Aspects of Deviance (3) AS SOC
The examination of the social construction of deviance: how deviance is defined, implications of deviance designations. Applications of theories of deviance to questions such as motivations of deviants and implications of criminal justice processing of deviants.

SYP 4530 Sociology of Juvenile Delinquency (3) AS SOC
Sociological issues in defining delinquency; the nature of adolescence and delinquency; sociological theories of the causes of delinquency, maintenance of delinquency, and the 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 institutions, economic systems, mass media, and the sport group as a micro-social system.

TAX 4001 Concepts of Federal Income Taxation (3) BA ACC
PR: AGC 2021 and AGC 3341 with a grade of “C” or better (not C-). Credit is not given for both TAX 4001 and TAX 4002. This course introduces the student to the federal income tax system and the principles and techniques used in its administration. It covers the fundamentals of the income tax law and the basic tax planning and preparation principles. This course is designed to be taken by students majoring in business administration and non-business students who require the course as a prerequisite for advanced taxation courses.

TAX 5015 Federal Taxation of Business Entities (3) BA ACC
PR: TAX 4001 with a grade of “C” or better (not C-). This course is designed for business students who require the course as a prerequisite for advanced taxation courses.

THE 2005 Issues in Theatre FA (3) VP TAR
Focuses on the variety and range of contemporary performance using lecture, discussion, theatre attendance, and experiential learning. Encourages critical thinking and analysis about theatre in contemporary society. Restricted to non-theatre majors.

THE 2020 Introduction to Theatre (3) VP TAR
An introduction to the art of theatre as part of the larger context of the nature of art itself. The approach will be both chronological and multi-cultural. Required of all theatre majors.

THE 2252 Great Performances on Film FA (3) VP TAR
This class traces the evolution of acting styles, from Lillian Gish to Samuel L. Jackson and beyond, focusing on the analysis of performance techniques, the history of cinema, and the social and political environment they parallel. No prerequisite.

THE 2305 Script Analysis (3) VP TAR
PR: Sophomore standing, THE 2020. This course teaches theatre students the techniques of close reading of dramatic texts.

THE 3110 Theatre History I MW (3) VP TAR
Focuses on the history of theatre, through the work of theatre scholars and historians, and theatre productions. Applications of theatre history to contemporary theatre production.

THE 3111 Theatre History II MW (3) VP TAR
PR: Sophomore standing, THE 2020. A study of theatre History in more detail as a companion to Theatre History I. This course and the companion Theatre History I will offer the opportunity for more careful study and emphasis on particular aspects of cross-cultural theatre in context.

THE 4174 New British Theatre and Drama 6A MW LW (3) VP TAR
Focuses on the 2305 and earlier periods. 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
PR: THE 3110 or THE 4180 and one of the following: THE 4320, THE 4330, THE 4360, THE 4401, THE 4434, THE 4435, THE 4442, THE 4480. Open to senior non-majors with CI. An analysis of the development of the theatre out of myth, ritual, and liturgy. Emphasis placed on what attempts to understand the resulting phenomena (e.g., Aristotle’s Poetics) can teach us about the nature of our art. Either THE 4180 or THE 4562 is required of all theatre majors.

THE 4264 History Of Costume (3) VP TAR
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of clothing and dress from Ancient Egypt to the 20th Century with an emphasis on cultural and social influences. (A requirement in the design track/costume.)
THE 4266 Architecture And Decor (3) VP TAR
PR: Sophomore standing. Open to upper level non-majors with CI. A survey of architecture and furniture from ancient Egypt to the 20th Century. (A requirement in the design track/scenic.)

THE 4320 Theatre of Myth and Ritual/Northern European (950-1600) 6A MW LW (3) VP TAR
PR: THE 3100 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 drama 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 selected plays with special emphasis on their performance values. Web-based version open to non-majors with CI; campus based version restricted to majors.

THE 4360 The 19th Century Theatre Revolution 6A LW (3) VP TAR
PR: THE 3100 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 activity.

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 Theatre of Pluralism 6A MW LW (3) VP TAR
PR: THE 2305. CR: THE 3101 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 colonialism and the turbulence of independence as expressed in the dramatic art and theatre of the English-speaking West Indies.

THE 4442 Comedy of The Classic And Neo-Classic Stage 6A LW (3) VP TAR
PR: THE 3100 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 4522 Contemporary Performance Theory 6A MW LW (3) VP TAR

THE 4593 Honors Seminar (2) VP TAR
Enrollment limited to upper level majors who have been formally admitted to the department honors program. Not available S/U. Readings in the literature, history and theory of the stage in preparation for Theatre Honors Practicum. Past topics have included New German Theatre, Popular Theatre, New American Theatre, Jacobean Theatre.

THE 4594 Honors Practicum (3) VP TAR
PR: THE 4593. Honors Practicum grows out of the Honors Seminar and engages students in workshops or production with guest artists. Past artists have included the Free Theatre of Munich, the San Francisco Mime Troupe, playwrights Eric Overmyer, 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 departmental honors committee.

THE 4671 Methods of Teaching Theatre for Adolescents (3) VP ED
Methods of effective drama and theatre instruction in middle school, junior and high schools, recreation centers, community, and professional theatres.

THE 4905 Directed Studies (1-4) VP TAR
Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.

THE 4930 Selected Topics In Theatre (1-8) VP TAR
PR: CI. The content of the course will be governed by student demand and instructor interest. May be lecture or class discussion or studio format.

THE 5009 Directed Studies (1-6) VP TAR
PR: CI and CC. Independent studies in the various areas of Theatre. Course of study and credits must be assigned prior to registration.

THE 5931 Selected Topics In Theatre (1-8) VP TAR
PR: CI. The content of the course will be governed by the student demand and instructor interest. May be lecture or class discussion or studio format.

TPA 2200 Introduction to Technical Theatre I (3) VP TAR
CR: TPA 2290L or CI. An introductory course in technical production including the introduction to scenic and lighting design, 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 design, and sound. Required for Theatre majors. Requires sequential semester enrollment with TPA 2200 and TPA 2290L. Open to non-majors.

TPA 2228 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 performance preparation of all technical aspects of a 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 performance preparation of all technical aspects of a 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 I (3) VP TAR
PR: TPA 2200, TPA 2211, TPA 2290L, and TPA 2291L. Open to non-majors. This course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an introduction to the various aspects of design including: two and three dimensional design, basic presentation and visual communication skills, research, and project analysis/organization.

TPA 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 3308 Drafting and CAD I (3) VP TAR
PR: TPA 2200, TPA 2211, TPA 2290L and TPA 2291L. The course will include lectures, demonstrations, individual student presentations, and studio activities. The course work will provide an 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 3321 Lighting: Theory And Practice (3) VP TAR
PR: TPA 3208 or CI. Intermediate lighting design course concerned with graphic presentations, color theory, design concepts, and practical experience with computer lighting systems. A requirement in the design track/lighting.

TPA 3321 Costume Construction (3) VP TAR
PR: TPA 3208 or CI. A practical course in the drafting of patterns for costuming the actor. Materials, skills, and techniques for construction of costumes and costume accessories will be treated. Included topics will be: terminology, fabric, jewelry, masks, armor, courtesy; both period and modern.

TPA 3325 Drafting and CAD II (3) VP TAR
PR: TPA 3208. Continuation of TPA 3208. The course will include lectures, demonstrations, field trips, individual student presentations, and studio activities. The course work will provide
an opportunity to develop your skills and techniques in the visual presentation of various design and technical draftings. 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 3286 Design Practicum (2) VP TAR
PR: TPA 3008. This is a studio/laboratory course in the practical aspects of production. The course is intended to provide realized production experience to the advanced theatre design student in such areas as costume, lighting, and scenic design; stage properties design; technical direction; and theatrical production craft/skill areas. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPA 3601 Stage Management (2) VP TAR
PR: TPA 2200, TPA 2290L, TPA 2211, and TPA 2291L. Open to non-majors with CI. A practical course in the working organizational function of the stage manager in theatre, dance, opera, and other live performance situations.

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. The creation building, rehearsal, and performance of plays for puppet theatre.

TPA 4011 Design Studio I (3) VP TAR
PR: TPA 3008 and TPA 3086 plus two of TPA 3231, TPA 3221, or TPA 3225. TPA 4011 will include studio design project activities in the areas of costume, lighting, and scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4012 Design Studio II (3) VP TAR
PR: TPA 4011. This course will include studio design project activities in the areas of costume, lighting, and scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design. Evaluation of the project will emphasize the process followed in the development of the design including thumbnail/idea sketching, research, and production concept. The course will include seminar (production) discussions, lectures, demonstrations, individual and group work, and individual student presentations.

TPA 4013 Design Studio III (3) VP TAR
PR: TPA 4012. This course will include studio design project activities in an individual's selected primary and secondary areas of costume, lighting, and/or scenic design. The course work will stress the nature of collaborative work and the various stages and processes involved with the development of a design from the first meeting to the final paper/model design.

TPA 4273 Stage Properties: Techniques And Materials Studio (2) VP TAR
PR: TPA 3007. Open to upper level non-majors with CI. A practical course in the painting of stage scenery: media and application.

TPA 4274 Stage Properties: Techniques And Materials Studio (2) VP TAR
PR: TPA 3007. Open to upper level non-majors with CI. Demonstration of and experience with materials used in construction of stage properties. Modeling of prototypes and basic casting techniques. Organization of shop.

TPA 4293 Production Involvement II (1) VP TAR
PR: TPA 2292 or CI. The rehearsal, construction, and performance of major theatrical works. Assignments are made by a faculty committee following the student's completion of a PI request form, available in the Theatre Office, and enrollment in this course.

TPA 4301 Advanced Design Practicum (3) VP TAR
PR: TPA 4011. This is a studio/laboratory course in the practical aspects of production. The course is intended to provide realized production experience to the advanced theatre design student in such areas as costume, lighting, and scenic design; stage properties design; technical direction; and theatrical production craft/skill areas. The student will be individually mentored by a faculty member through the process of developing and realizing a production design/craft/skill.

TPP 2110 Voice-Body-Improvisation (3) VP TAR
Exploring the elements based to acting skills, a participation course. Required of all theatre majors. Open to non-majors.
VIC 3943 Visual Communication Practicum (1) AS COM
Pre: Senior standing and Cl. 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 AF 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 1,500 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 1970.

WST 2600 Human Sexual Behavior SS (3) AS WST
The dynamics of human sexuality; biological, constitutional, cultural, and psychological aspects. The range of sexual behavior across groups. Sources of beliefs and attitudes about sex, including sex roles and especially human sexuality.

WST 3015 Introduction to Women’s Studies SS AF (3) AS WST
Survey of major issues relevant to the female experience, the women's movement: historical, psychological, sociological, anthropological perspectives.

WST 3210 European Feminist History: Pre-18th Century 6A HP (3) AS WST
Survey of European feminist history prior to the 18th century (focusing primarily on Western Europe). Examines women’s lives, roles, ideas, as well as origins of Western attitudes toward the position 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). Examines women’s lives, roles, 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 3311 Issues in Feminism 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 among others; to improve the quality of life and to confront barriers in education, the media and the criminal justice system.

WST 3372 Women in the Developing World (3) AS WST
Survey of status of women in Asia, Africa, Latin and Caribbean America, compared to that in USA, Canada, West Europe, Marxist-Leninist countries. (May also be taken for credit in Government and International Affairs.)

WST 3620 Men and Sexism (3) AS WST
Ways in which sex role conditioning affects the lives of men. Factors in this conditioning and alternatives to masculine sex role models.

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 articles on historical and cultural issues.

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 how adequately these various critiques address the intersections of gender, class, ethnicity, and race.

WST 4320 The Politics of Women’s Health (3) AS WST
Explores current issues and concerns in the conceptualization and delivery of health information and health care for women from a feminist perspective, with a special emphasis on ways in which we can inform and help ourselves.

WST 4335 Women and Film (3) AS WST
A study of representation of women in films and the responses of feminist film theorists and filmmakers.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Area of Study</th>
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<tr>
<td>ZOO 3205C</td>
<td>Advanced Invertebrate Zoology</td>
<td>4</td>
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<tr>
<td>ZOO 2710C</td>
<td>Anatomy of Chordates</td>
<td>4</td>
<td>AS BIO</td>
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<tr>
<td>YOR 1120</td>
<td>Yoruba I</td>
<td>4</td>
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<tr>
<td>WST 5940</td>
<td>Internship in Women's Studies</td>
<td>3-6</td>
<td>AS WST</td>
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<tr>
<td>WST 5934</td>
<td>Selected Topics</td>
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<td>WST 4512</td>
<td>Sociobiology MW (3)</td>
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<td>WST 5525</td>
<td>Internship in Women's Studies</td>
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<td>ZOO 3713C</td>
<td>Comparative Vertebrate Anatomy</td>
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<td>ZOO 4513</td>
<td>Animal Behavior (3)</td>
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<td>WST 4603C</td>
<td>Animal Embryology</td>
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<td>Ichthyology</td>
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<td>ZOO 5456L</td>
<td>Ichthyology Lab</td>
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<tr>
<td>ZOO 5555C</td>
<td>Marine Animal Ecology</td>
<td>4</td>
<td>AS BIO</td>
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</table>

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.

PR: Majors only. All required courses in MA program, CC. Permit. 

PR: Must have completed Comprehensive Exam. Majors Only. 

PR: Completion of one upper division Women’s Studies course. 

PR: BSC 2010, BSC 2010L, BSC 2011, BSC 2011L & 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.

PR: BSC 2011, BSC 2011L and CHM 2210 and 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.

PR: PCB 3023 or PCB 3043 or PCB 3063 & CHM 2210 & MAC 1105 or higher-level MAC course or STA 2023. CP: CHM 2211. Structural and functional events involved in differentiation and morphogenesis. Lec.-Lab.

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.

PR: Senior or GS in Biology; ZOO 2701C, CI. PCB 4674 is suggested. Evolution, systematics, structure, behavior, physiology, and ecology of fishes.

CR/PR: ZOO 5456 Laboratory portion of Ichthyology relating to evolution, systematics, structure, behavior, physiology and ecology of fishes.

PR: CI. Major aspects of amphibian and reptilian biology emphasizing fossil history, evolutionary morphology, sensory physiology, life history and reproductive behavior. Lec.-lab. Field trip.

PR: PCB 3043, senior standing, CI. Investigation of energy flow, biogeochemical cycles, and community structure in marine environments. Lec.-lab.
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CATHY COCCIA
Academic Advising, Center for 176
Academic Calendar 4
Academic Computing 63
Academic Dismissal 41
Academic Grievance Procedures 41
Academic Major 45, 54
Academic Minor 56
Academic Policies and Procedures 37
Academic Probation 41
Academic Programs and Procedures - St. Petersburg 258
Academic Programs and Services 60
Academic Record 36, 41
Academic Regulations and Information - St. Petersburg 258
Academic Regulations Committee 41
Academic Renewal 42
Academic Residence 54
Academic Scholarships 30
Academic Services - St. Petersburg 255
Accounting (ACC) 127, 226
Accounting (ACC) - St. Petersburg 304
Accreditation 6
Adds 34
Administrative Holds 36
Admission, Minimum Requirements for 11
Admission Policies, General 10
Admission to the College of Arts and Sciences - St. Petersburg 289
Admission to the College of Business Administration 125
Admission to the College of Business Administration - St. Petersburg 308
Advising for Limited Access Programs 33
Advising Information, College of Arts and Sciences 289
Advocacy Program 9
Aerospace Studies 184
Africa and the Diaspora, Center for 61
African Studies 78
Air Force ROTC 184
Anthropology 79
Anthropology (ANT) - St. Petersburg 291
Anytime, Anyplace Learning 62
Applied Science, Bachelor of Science in 178, 207, 235
Applying for Admission 10
Architecture and Community Design 68
Army Reserve Officer's Training Corps (ROTC) 184
Art (ART) 190
Art (B.F.A.) - St. Petersburg 290
Arts and Sciences - St. Petersburg 289
Arts and Sciences, College of 70
Asian Studies, Certificate in 72
Attendance at First Class Meeting 33
Auditing Privileges and Fees 34
Baccalaureate Degree Programs 310
Bachelor of Science in Applied Science 178, 207, 235
Bachelor of Science in Applied Science (APS) 178, 207, 235
Applied Science, Bachelor of Science 178, 207, 235
Bachelor of Science in Hospitality Management 236
Behavioral Healthcare, Minor in 167
Biography 81
Business - St. Petersburg 302
Business Administration, College of 125
Business Administration Faculty 131
Business Administration Faculty - St. Petersburg 308
Campus Computing - St. Petersburg 257
Campus Dining Services 25
Campus Recreation 23
Cancellation Before First Class Day 34
Career Center 176
Certificate Programs, College of Public Health 175
Cheating 45, 46
Chemical Engineering 151
Chemistry 83
Childhood/Language Arts/Reading Education 135, 230
Civil and Environmental Engineering 153
Class Standing 42
Classics (CLS) 116
CLAST 37
College Level Examination Program (CLEP) 60
College of Business Administration 125
College of Education 132
College of Marine Science 168
College of Public Health 174
College of Visual & Performing Arts 188
College Reach-Out Program 60
Communicating With The University 2
Communication 88
Communication Sciences and Disorders 89
Community Experiential Learning Program 72
Community Experiential Learning (CEL) Program 61
Computer Science and Engineering 155
Confidentiality Policy 36
Contemporary Art Museum (CAM) 193
Contents 3
Correspondence Courses 61
Counseling Center for Human Development 20
Course Attendance at First Class Meeting 33
Course Information, General 314
Criminology 91, 208, 218
Criminology (CCJ) - St. Petersburg 293
Cross Enrollment 60
Dance (DAN) 193
Degree Programs, College of Arts and Sciences 290
Degrees Offered 6
Disability Services 19
Drops 34
Dual Enrollment 17
<table>
<thead>
<tr>
<th>INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E</strong></td>
</tr>
<tr>
<td>Early Admission 17</td>
</tr>
<tr>
<td>Early Admission Applicants (Freshmen) 12</td>
</tr>
<tr>
<td>Early Childhood Education: Pre-Kindergarten/Primary 135, 231</td>
</tr>
<tr>
<td>Economics 91</td>
</tr>
<tr>
<td>Economics (Arts &amp; Sciences) - St. Petersburg 293</td>
</tr>
<tr>
<td>Economics (Business) - St. Petersburg 305</td>
</tr>
<tr>
<td>Economics (ECN) - St. Petersburg 305</td>
</tr>
<tr>
<td>Economics (ECO) - St. Petersburg 291</td>
</tr>
<tr>
<td>Education - St. Petersburg 308</td>
</tr>
<tr>
<td>Education Advising 133, 229, 309</td>
</tr>
<tr>
<td>Education Baccalaureate Degree Programs 134</td>
</tr>
<tr>
<td>Education Faculty 144, 313</td>
</tr>
<tr>
<td>Education Requirements for Graduation 134, 230</td>
</tr>
<tr>
<td>Educational Outreach 62</td>
</tr>
<tr>
<td>Educational Measurement and Research 140</td>
</tr>
<tr>
<td>Elective Physical Education 141</td>
</tr>
<tr>
<td>Electrical Engineering 159</td>
</tr>
<tr>
<td>Elementary Education 136, 208, 231</td>
</tr>
<tr>
<td>Elementary Education - St. Petersburg 310</td>
</tr>
<tr>
<td>Engineering, College of 145</td>
</tr>
<tr>
<td>English 92, 218</td>
</tr>
<tr>
<td>English (ENG) - St. Petersburg 294</td>
</tr>
<tr>
<td>English Education 136, 232</td>
</tr>
<tr>
<td>English Education - St. Petersburg 311</td>
</tr>
<tr>
<td>English Language Institute 27, 61</td>
</tr>
<tr>
<td>Environmental Science and Policy 94</td>
</tr>
<tr>
<td>Environmental Science and Policy (EVR) - St. Pete 295</td>
</tr>
<tr>
<td>Evaluation and Testing 60</td>
</tr>
<tr>
<td>Evaluation of Transfer Credit 13</td>
</tr>
<tr>
<td>Evening Courses, Enrollment in 61</td>
</tr>
<tr>
<td>Exceptional Child Education - St. Petersburg 312</td>
</tr>
<tr>
<td><strong>F</strong></td>
</tr>
<tr>
<td>Faculty, College of Arts and Sciences 302</td>
</tr>
<tr>
<td>Faculty, College of Engineering 166</td>
</tr>
<tr>
<td>Faculty, College of Marine Science 168</td>
</tr>
<tr>
<td>Faculty, College of Visual &amp; Performing Arts 205</td>
</tr>
<tr>
<td>Fees 28</td>
</tr>
<tr>
<td>Fees Liability 29</td>
</tr>
<tr>
<td>Fees Payment 29</td>
</tr>
<tr>
<td>Finance (FIN) 128, 226</td>
</tr>
<tr>
<td>Finance (FIN) - St. Petersburg 305</td>
</tr>
<tr>
<td>Financial Aid 30</td>
</tr>
<tr>
<td>Financial Information 28</td>
</tr>
<tr>
<td>Financial Information - St. Petersburg 252</td>
</tr>
<tr>
<td>Florida College Exchange Program 61</td>
</tr>
<tr>
<td>Florida Residency For Tuition Purposes 28</td>
</tr>
<tr>
<td>Foreign Language Education 137</td>
</tr>
<tr>
<td>Foreign Language Graduation Requirement 54</td>
</tr>
<tr>
<td>French (FRE) 118</td>
</tr>
<tr>
<td>Freshman Summer Institute 177</td>
</tr>
<tr>
<td><strong>G</strong></td>
</tr>
<tr>
<td>General Admission Policies 10</td>
</tr>
<tr>
<td>General Business (GBA) 126, 209, 225, 304</td>
</tr>
<tr>
<td>General Business Administration - St. Petersburg 304</td>
</tr>
<tr>
<td>General Course Information 314</td>
</tr>
<tr>
<td>Geography 95</td>
</tr>
<tr>
<td>Geography (GPY) - St. Petersburg 296</td>
</tr>
<tr>
<td>Geology 96</td>
</tr>
<tr>
<td>George Jenkins Scholars Program 67</td>
</tr>
<tr>
<td>German (GER) 118</td>
</tr>
<tr>
<td>Gerontology 97</td>
</tr>
<tr>
<td>Government &amp; International Affairs 98</td>
</tr>
<tr>
<td>Government &amp; International Affairs (INT/POL/PAD) 297</td>
</tr>
<tr>
<td>Grade Forgiveness Policy 41</td>
</tr>
<tr>
<td>Grades 40</td>
</tr>
<tr>
<td>Grades, Scholarship Requirements, and Review Process 264</td>
</tr>
<tr>
<td>Grading System - St. Petersburg 264</td>
</tr>
<tr>
<td>Graduation Requirements 53</td>
</tr>
<tr>
<td>Graphic Design - St. Petersburg 290</td>
</tr>
<tr>
<td>Graphicstudio 193</td>
</tr>
<tr>
<td>Guide to Resources for Students with Disabilities 8</td>
</tr>
<tr>
<td><strong>H</strong></td>
</tr>
<tr>
<td>Health Professions 77</td>
</tr>
<tr>
<td>History 101, 220</td>
</tr>
<tr>
<td>History (HTY) - St. Petersburg 298</td>
</tr>
<tr>
<td>Honors at Graduation 58</td>
</tr>
<tr>
<td>Honors College 15, 66</td>
</tr>
<tr>
<td>Honors Research Major 66</td>
</tr>
<tr>
<td>Hospitality Management 180, 236</td>
</tr>
<tr>
<td>Hospitality Management, B.S. in 180, 236</td>
</tr>
<tr>
<td>Humanities and American Studies 102</td>
</tr>
<tr>
<td><strong>I</strong></td>
</tr>
<tr>
<td>Immunization Policy 21, 32</td>
</tr>
<tr>
<td>Independent Study 61</td>
</tr>
<tr>
<td>Industrial and Management Systems Engineering 161</td>
</tr>
<tr>
<td>Information Systems and Decision Sciences (ISM) 129, 227, 306</td>
</tr>
<tr>
<td>Information Systems and Decision Sciences - St. Pete 306</td>
</tr>
<tr>
<td>Information Technologies/CFRDC 64</td>
</tr>
<tr>
<td>Information Technology, Bachelor of Science in 178, 181, 207, 210, 235, 238</td>
</tr>
<tr>
<td>Intercollegiate Athletics 24</td>
</tr>
<tr>
<td>Interdisciplinary Natural Sciences 86, 87</td>
</tr>
<tr>
<td>Interdisciplinary Social Sciences 103, 212, 220</td>
</tr>
<tr>
<td>Interdisciplinary Social Sciences (ISS) - St. Pete 298</td>
</tr>
<tr>
<td>International Affairs 26</td>
</tr>
<tr>
<td>International Affairs Center 26</td>
</tr>
<tr>
<td>International Business (ITB) 130, 307</td>
</tr>
<tr>
<td>International Business - St. Petersburg 307</td>
</tr>
<tr>
<td>International Student and Scholar Services, Office 26</td>
</tr>
<tr>
<td>International Studies 98</td>
</tr>
<tr>
<td>IT Certificate Programs 183, 212, 239</td>
</tr>
<tr>
<td>Italian (ITA) 119</td>
</tr>
<tr>
<td>Italian Studies, Certificate in 73</td>
</tr>
<tr>
<td><strong>J</strong></td>
</tr>
<tr>
<td>Judicial Procedures 25</td>
</tr>
<tr>
<td><strong>K</strong></td>
</tr>
<tr>
<td>Kosove Scholarship Program 67</td>
</tr>
<tr>
<td><strong>L</strong></td>
</tr>
<tr>
<td>Lakeland</td>
</tr>
<tr>
<td>USF Lakeland 206</td>
</tr>
<tr>
<td>Latin American and Caribbean Studies, Certificate 73</td>
</tr>
<tr>
<td>Learning Communities 16</td>
</tr>
<tr>
<td>Liberal Arts Requirements 271</td>
</tr>
<tr>
<td>Liberal Studies 103</td>
</tr>
<tr>
<td>Library and Information Science 104</td>
</tr>
<tr>
<td>Library Services - St. Petersburg 257, 259</td>
</tr>
<tr>
<td>Library System 62</td>
</tr>
<tr>
<td>List of Majors and Programs - Sarasota 217</td>
</tr>
</tbody>
</table>
INDEX

M
Management (MAN) - St. Petersburg 306
Mandatory Course Attendance at First Class Meeting 33
Mandatory Medical Requirements for Registration 32
Marine Science, College of 168
Marketing (MKT) 129, 228
Marketing (MKT) - St. Petersburg 307
Mass Communications 104
Mass Communications (COM) - St. Petersburg 299
Mass Communications/Journalism - St. Petersburg 299
Mathematics 106
Mathematics Education 138
Mechanical Engineering 162, 164
Medical Technology 87
Military Science 184
Minimum Requirements for Admission 11
Mission and Goals 7
Modern Western European Studies, Certificate in 74
Music (MUS) 196

N
Naval Science 185
Navy ROTC 185
Nursing, College of 169
Nursing Program (for Registered Nurses) 170, 171, 235

O
Off-Campus Housing 22
Orientation and Advising 33
Orientation and Initial Advising 33
Other Campus Services - St. Petersburg 288

P
Parents Association 19
Paying and Transportation 30
Paying and Transportation - St. Petersburg 256
Payment of Accounts Due the University 30
Philosophy 108
Phyllis P. Marshall Center 22
Physical Education 140
Physical Education, Wellness Leadership, and Athle 141
Physics 109
Plagiarism 45

S
S/U Grade System 41
S/U Grading in the College of Visual & Performing 190
Sarasota-Manatee
USF Sarasota-Manatee 217
SASS 35
Science Education 138
Secondary Education 136, 232
Senior Citizen Tuition Waiver 17
Social Science Education 140, 233
Social Work 113, 214, 222
Sociology 114
Spanish (SPA) 119
Special Education 143, 233
Special Programs - St. Petersburg 251
St. Petersburg I.D. Card 257
Standards of Student Conduct 174
Qualifications for Internship Experience 133, 229, 309
Readmission (Former Students Returning) 17
Refund of Tuition 29
Registrar, Office of the 32
Registration 32
Registration for Admitted Degree-Seeking Students 33
Rehabilitation and Mental Health Counseling 111
Religious Studies 112
Repeat Course Surcharge 34
Repeat Course Surcharges 34
Requirements for B.A. Degrees, College of Visual & 189
Requirements for B.A./B.S. Degree, College of Bus 303
Requirements for B.A./B.S. Degree, College of Bus 125, 224
Requirements for B.A./B.S./B.S.W. Degree, College 289
Research, Office of 64
Residence Services 22
Russian (RUS) 119
Russian Studies, Certificate in 75

T
TAPS
Tracking the Academic Progress of Students 177
Teacher Education Programs 132, 228, 308
Theatre (TAR) 203
Transcript Information 35
Transfer Applicants, Lower-Level 13
Transfer Applicants, Undergraduate 13
Transfer Applicants, Upper-Level 13
Transfer Credit, Evaluation of 14
Transient Students 60
Tuition 28
Tuition, Release of 29

U
Undergraduate Advising Information College of Art 289
<table>
<thead>
<tr>
<th>Page</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>176</td>
<td>Undergraduate Studies</td>
</tr>
<tr>
<td>24</td>
<td>University Bookstores</td>
</tr>
<tr>
<td>9</td>
<td>University Police</td>
</tr>
<tr>
<td>255</td>
<td>University Police - St. Petersburg</td>
</tr>
<tr>
<td>60</td>
<td>Upward Bound</td>
</tr>
<tr>
<td>75, 76</td>
<td>Urban Studies, Certificate in</td>
</tr>
<tr>
<td>25</td>
<td>USF I.D. Card</td>
</tr>
<tr>
<td>241</td>
<td>USF St. Petersburg</td>
</tr>
<tr>
<td>31</td>
<td>Veterans Affairs (VA) Benefits</td>
</tr>
<tr>
<td>255</td>
<td>Veterans Affairs - St. Petersburg</td>
</tr>
<tr>
<td>255</td>
<td>Victims' Advocacy Program - St. Petersburg</td>
</tr>
<tr>
<td>188</td>
<td>Visual and Performing Arts, College</td>
</tr>
<tr>
<td>62</td>
<td>Washington Internship Program</td>
</tr>
<tr>
<td>34</td>
<td>Withdrawal</td>
</tr>
<tr>
<td>115</td>
<td>Women's Studies</td>
</tr>
<tr>
<td>116</td>
<td>World Language Education</td>
</tr>
<tr>
<td>116</td>
<td>World Languages</td>
</tr>
<tr>
<td>64</td>
<td>WUSF-TV</td>
</tr>
</tbody>
</table>